Artemide®

Outdoor 2012

Artemide Outdoor
2012

Artemide®

Artemide, protagonist of the Outdoor residential segment

Artemide stands for excellence in Design, combined with continuous technological upgrade: this clear and consistent positioning has made the Company one the world leaders in indoor lighting. Today the unique and distinctive competences of the Artemide Group and its strong innovative skills give birth to the first Artemide Outdoor Catalogue.
A complete assortment of products for the outdoor light design projects, based on years of research and development. Great attention was devoted to the usage of innovative and eco-friendly materials. Most importantly, the Company has made a clear choice: to use only the most updated and efficient light sources, in order to minimise energy consumptions, CO2 emissions and maintenance costs. Therefore the Artemide Outdoor Catalogue presents an extensive usage of last generation LED sources, optical systems and highly performing heat dissipation devices, advanced electronic components. Moreover the products present a range of three different colour temperatures, and are combined with light control technologies that guarantee not only costs' and emissions' reduction, but also impactful and fascinating effects, so important for the outdoor light design projects.

The key point of difference of the new Artemide Outdoor Catalogue is the rich and complete offer, with solutions for all market needs and for all architects' and lighting designers' requests. The product assortment has been developed thanks to the production facilities of Pregnana Milanese, Megalit and NordLight, and include walk-over and drive-over items, LED profiles, recessed, effect and wall light fixtures, downlights and spotlights, bollards and poles or heads-poles.
The proposed solutions will fully meet the requirements of light design projects for hotels, shops, offices and public spaces. For such projects, facades, open air spaces and gardens are increasingly important, since they help create unique environments, they ensure pleasant and harmonic athmosphere, and they enhance the public image of companies and communities.

Artemide Group is a global leader in top-of-the-line residential and professional lighting. Founded in 1960 by Ernesto Gismondi, Artemide Group is based in Pregnana Milanese. It operates through 24 controlled and related companies and a distribution network with almost 60 single-brand showrooms in the main cities all around the world. Artemide products are distributed in 83 different countries.
With 5 plants in Italy, France, Hungary and United States, 2 glassworks and 2 Research and Development centers in Italy and France, nowadays the Group has more or less 700 employees, among which 59 in the R&D field, which confirms the essential role that innovation plays for the Group's success.

Innovation and sustainability

Research and testing on lighting concept, innovation and technology in light control and management, great attention to environmentally sustainable materials and, in general, to ecological requirements, and a deep-rooted devotion to design are values which distinguish Artemide and represent the ideas on which the outdoor products of this catalogue are based.

The care for sustainability of Artemide – a Company certified ISO 9001 and ISO 17025 – is ensured both by its French plant Megalit, in charge of designing and manufacturing the light fixtures of the architectural line, accredited with ISO 14001 and implementing the Carbon Footprint, and by its focus on product lifecycle (LCA), i.e. design, choice of raw materials, processing to minimize transportation, and down to assembly, packaging, and disposal. The improvement of the light fixture efficiency during use involves Energy-saving, reliability and lastingness of the implemented technical solutions with a consequent reduction of CO_2 emissions.

All Artemide light fixtures comply with European Directives and Standards and bear CE mark.

LED technology

With a wide experience in using LEDs for indoor light fixtures, Artemide exploits LED technological innovation also for outdoor light fixtures. Aesthetic quality and design, distinguishing all Artemide products, combine with values which cannot be omitted, such as light distribution control, light fixture efficiency, reduced energy consumption and operation costs.
LEDs are suitable for different outdoor applications, from scenic lighting for enhancing façades and architectural elements to functional lighting of paths, urban areas, gardens, parks.

Economic and environmental advantages deriving from using LEDs are:

· high light efficiency
· low consumption
· reduced CO_2 emissions
· very long operation time
· short maintenance cycles
· reduced sizes

Moreover, solid-state lighting (SSL), which distinguishes LEDs, ensures an excellent shock and vibration resistance.
Besides development of excellent optical systems and selection of last-generation LEDs, Artemide focuses on heat dissipation systems and advanced electronic components, absolutely necessary for a correct use of this technology.
To ensure a correct perception of spaces and architectural elements, Artemide products offer a range of three different colour temperatures: warm white, neutral white e cold white.
To obtain suggestive performances, Artemide offers RGB profiles and projectors using light and colour management protocols such as DALI and DMX, by which it is possible to create and programme light sceneries of great effect.
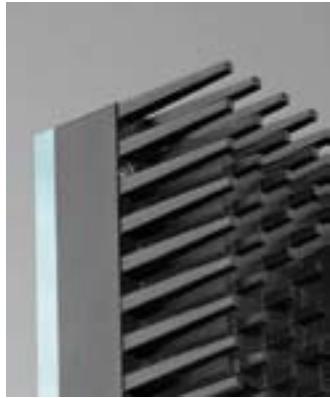
Heat dissipation
PCB LED circuit

LEDs and lenses

Environmentally-friendly anti-corrosion surface treatment

The surface treatment of an outdoor lighting fixture exposed to extreme atmospheric agents and diverse weather conditions must ensure a suitable level of protection against the aggressive action of acid rains, saline or marine environments, humidity and UV radiations.

Technological research has always established the parameters for the application of surface treatments which determine the lifetime of such products. Today the result are still far from uniform in terms of an equal-environmental point of view due to the toxicity of existing low-cost products.

As part of its environmental policy Artemide has chosen not to use preservative chemical agents such as chrome and zinc (and their derivatives). With its own internal painting plant and cleaning process, the surface treatment of the Artemide outdoor range is in full compliance with Rohs RAEE standards and the following qualitative conditions are constantly observed:

· the Compound used for the protective coating of the crude component must be the most noble and inert available on the market.

· the crude component must receive the complete surface treatment by means of diamond structured anti oxidants that have miniscule carbon particles with a very compact diameter ranging between 2 and 8 nanometers, and must be free of any polluting agent.

· the anti-corrosion primer must be approved and in compliance with European Reach standards. This is important to ensure the traceability of the product components.

· the colour finish and degree of shine established by the designer, must have excellent resistance to harsh environments, even though it must always be in full compliance with environmental sustainability.

The painting plant cycle is provided with a pre-treatment tunnel that includes 6 stages of iron phosphate treatment and a rinse process together with a nanotechnological spray passivation process, consisting in the deposit of diamond structured molecules. This is useful to prepare the fixture for the application of the anti-corrosion epoxy powder primer through an electrostatic application system with dedicated spray cabins.

Once the polymerization has been completed through the dry oven, the powder paint finish with a polyester-free base is applied. Of course this application is carried out after the dry oven and reticulation at 190 degrees for 20 minutes and at the end of the painting cycle.

Artemide Outdoor

| Walk-over recessed | | Drive-over recessed | | Linear profiles | Wall recessed | Wall mounted | |

Walk-over recessed

12
Naiade walk-over

26
Orcamo walk-over

34
Ego walk-over

46
Ego vetro walk-over

52
Microled

74
RIvoli recessed

90
LineaLed wallwasher

Drive-over recessed

56
Naiade drive-over

66
Megara

84
LineaLed

Linear profiles

74
Rivoli cornice

78
Label Light

90
LineaLed wallwasher

98
Riga

102
Spike

108
Superspike

Wall recessed

114
Percorso

214
Ciclope

222
Nuda

Wall mounted

192
Cuneo

194
Niki

196
Pantarei

202
Dioscuri

206
Mitasi

208
Chilone

214
Ciclope

236
Catilina

240
Teseo

242
Alcesti

244
Giasole

254
Hila

264
Provoca
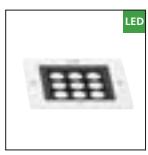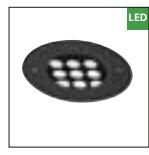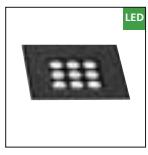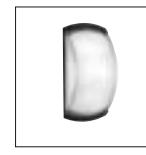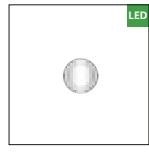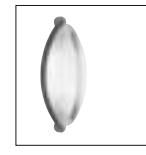
276
Felsina parete

Wall effect	Ceiling mounted	Downlight recessed		Spotlights	Floor luminaires Bollards		Poles and head-poles

Wall effect

184
Effetto

190
Molla

Ceiling mounted

194
Niki

196
Pantarei

202
Dioscuri

204
Capsule

206
Mitasi

236
Illo

244
Giasole

Downlight recessed

118
Naiade downlight

134
Orcamo downlight

140
Ego downlight

152
Ego vetro downlight

Spotlights

158
Cefiso

164
Falange

168
Ego Spot

174
Minispot

176
Dado

180
Metamorfosi kit outdoor

Floor luminaires Bollards

192
Cuneo

208
Chilone

214
Ciclope

222
Nuda

228
Ippolito

230
Eraclea

232
Granito

236
Catilina

236
Aglaia

240
Teseo

242
Alcesti

244
Giasole

248
Tolomeo XXL

254
Hila

Poles and head-poles

208
Chilone

254
Hila

260
Indicta

264
Provoca

268
Solar Tree

276
Felsina

282
Timpone

Families

Naiade

Orcamo
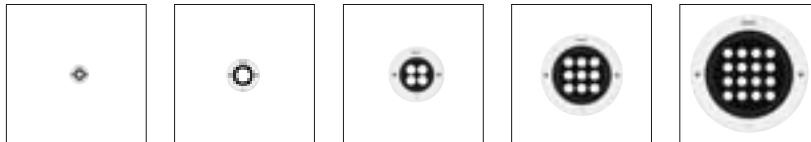
12 Naiade Walk-over

Naiade
walk-over 55

Naiade
walk-over 90

Naiade
walk-over 150

Naiade
walk-over 220

Naiade
walk-over 320

26 Orcamo walk-over

Orcamo
walk-over 150

Orcamo
walk-over 220

Orcamo
walk-over 320

56 Naiade drive-over

Naiade
drive-over 55

Naiade
drive-over 90

Naiade
drive-over 150

Naiade
drive-over 220

Naiade
drive-over 320

134 Orcamo downlight
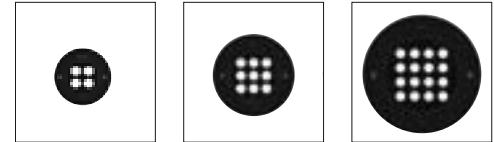
Orcamo
downlight 150

Orcamo
downlight 220

Orcamo
downlight 320

118 Naiade downlight

Naiade
downlight 55

Naiade
downlight 90

Naiade
downlight 150

Naiade
downlight 220

Naiade
downlight 320

Ego

66 Megara
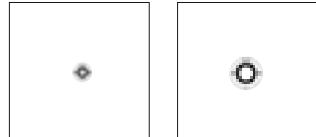
34 Ego walk-over

Ego
walk-over 55

Ego
walk-over 90

Ego
walk-over 150

Ego
walk-over 220

Megara 90

Megara 150

Megara 220

140 Ego downlight

Ego
downlight 55

Ego
downlight 90

Ego
downlight 150

Ego
downlight 220

46 Ego vetro walk-over

152 Ego vetro downlight
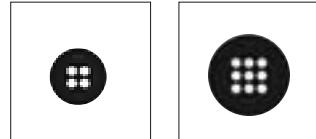
Ego vetro
walk-over 150

Ego vetro
walk-over 220
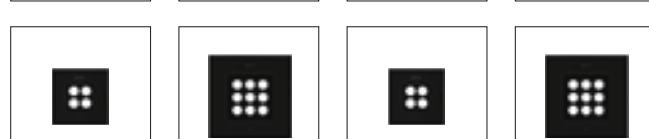
Ego vetro
downlight 150

Ego vetro
downlight 220

Families

74 Rivoli
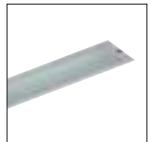
Rivoli recessed

Rivoli cornice

90 LineaLed wallwasher

LineaLed
wallwasher

LineaLed
wallwasher
adjustable

158 Cefiso

Cefiso 14

Cefiso 20

164 Falange

Falange 9

Falange 18

168 Ego Spot

Ego 5 Spot

Ego 7 Spot
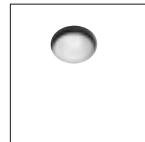
196 Pantarei

Pantarei 180

Pantarei 300

Pantarei 390

202 Dioscuri

Dioscuri 14

Dioscuri 25

Dioscuri 35

Dioscuri 42

208 Chilone

Chilone
floor
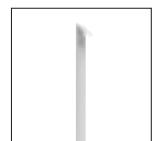
Chilone
pole

Chilone
up

Chilone
wall

214 Ciclope

Ciclope floor 50
unilateral

Ciclope floor 100
unilateral

Ciclope floor 50
bilateral

Ciclope floor 100
bilateral

Ciclope
recessed

Ciclope
wall

222 Nuda
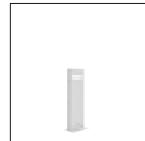
Nuda floor 50
unilateral

Nuda floor 100
unilateral

Nuda floor 50
bilateral

Nuda floor 100
bilateral

Nuda recessed

228 Ippolito

Ippolito 45

Ippolito 90

232 Granito

Granito 30

Granito 60
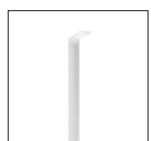
236 Illo, Catilina, Aglaia

Illo

Catilina

Aglaia

240 Teseo

Teseo floor 50

Teseo floor 100

Teseo wall

242 Alcesti

Alcesti floor

Alcesti wall

244 Giasole

Giasole floor
unilateral

Giasole floor
bilateral

Giasole wall

254 Hila

Hila floor

Hila pole

Hila wall

264 Provoca

Provoca pole
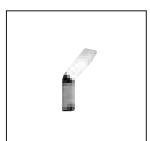
Provoca wall

276 Felsina

Felsina wall
direct emission

Felsina pole
fixed

Felsina pole
1 head

Felsina pole
2 heads

Felsina pole
3 heads

282 Timpone

Timpone
axial

Timpone
hanging side

Naiade walk-over	2011

- Light fixture with high-performance LED light sources.
- Recessed floor installation.
- 5 sizes (55, 90, 150, 220, 320 mm).
- Round and square version.
- Composed by body, frame, black silkscreened tempered glass, recessing box.
- Body in EN AB44100 aluminium, silicone gaskets; provided with 30 cm-long pre-resined three-pole connection cable H07RN-F (H05RN-F for versions 55 and 90). Electronic ballast integrated in the body; for versions 90 and 55: 24V power supply.
- Frame in aluminium or stainless steel.
- Power connection to the mains by means of the IP67 connector supplied with the light fixture, which can be fitted into the recessing box and is suitable for cables with a diameter of 5-13,5mm.
- Fixing to the recessing box is ensured by means of anti-vandal screws TORX.
- Glass surface temperature lower than 40°C.

- Recessing box for laying in reinforced polymer, can be ordered separately.
- Adjustable optics.
  PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 3 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
  Cold = 6000K
- Screws in AISI 316 stainless steel.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- IP Rating IP65-IP67.
- ENEC approved.
- Versions 55 and 90: insulation class III.
- Versions 150, 220 e 320: insulation class I.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

Naiade walk-over

Spot optic

Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

Flood optic

Wide luminous flow suitable for lighting large areas.

Wall Washer optic

Elliptical distribution of the luminous flow suitable for wall washer effect.

Round or square frame in aluminium or stainless steel.
Silkscreened tempered glass.

Lighting unit

Recessing box in polymer

Recessed depth:

Naiade 55	100mm
Naiade 90	100mm
Naiade 150	117mm
Naiade 220	117mm
Naiade 230	117mm

∅ 55

100

∅ 190

**Naiade 55 walk-over
Round aluminium**

Painted aluminium ring
(3mm)
Static load 1000 Kg
Glass thickness 8 mm
T glass 35° C
Recessing box supplied
separately

IP65/67 **IK**10

T403110W00	1 LED	1W	3000K	11°
T403110N00	1 LED	1W	4000K	11°
T403110C00	1 LED	1W	6000K	11°
electronic 24Vdc				

Fixed beam

Effective power
1,44W

H m	∅C0 m	∅C90 m	E lux
3,0	0,67	0,67	90
2,5	0,56	0,56	129
2,0	0,45	0,45	202
1,5	0,34	0,34	358
1,0	0,22	0,22	807
0,5	0,11	0,11	3226

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 11°
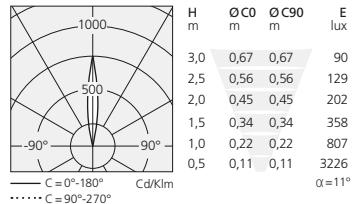
T403139W00	1 LED	1W	3000K	30°
T403139N00	1 LED	1W	4000K	30°
T403139C00	1 LED	1W	6000K	30°
electronic 24Vdc				

Fixed beam

Effective power
1,44W

H m	∅C0 m	∅C90 m	E lux
3,0	1,61	1,61	23
2,5	1,34	1,34	33
2,0	1,07	1,07	52
1,5	0,80	0,80	93
1,0	0,54	0,54	208
0,5	0,27	0,27	833

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 30°
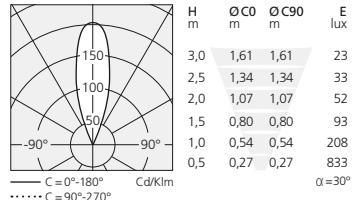
T4031ELW00	1 LED	1W	3000K	12°x36°
T4031ELN00	1 LED	1W	4000K	12°x36°
T4031ELC00	1 LED	1W	6000K	12°x36°
electronic 24Vdc				
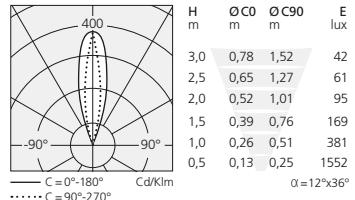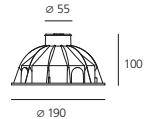
Fixed beam

Effective power
1,44W

H m	∅C0 m	∅C90 m	E lux
3,0	0,78	1,52	42
2,5	0,65	1,27	61
2,0	0,52	1,01	95
1,5	0,39	0,76	169
1,0	0,26	0,51	381
0,5	0,13	0,25	1552

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 12°x36°

T409908	Recessing box

∅ 55

100

∅ 190

**Naiade 55 walk-over
Round steel**

AISI 316 stainless steel ring
(3mm)
Static load 1000 Kg
Glass thickness 8 mm
T glass 35° C
Recessing box supplied
separately

IP65/67 **IK**10

T403210W00	1 LED	1W	3000K	11°
T403210N00	1 LED	1W	4000K	11°
T403210C00	1 LED	1W	6000K	11°
electronic 24Vdc				

Fixed beam

Effective power
1,44W

H m	∅C0 m	∅C90 m	E lux
3,0	0,67	0,67	90
2,5	0,56	0,56	129
2,0	0,45	0,45	202
1,5	0,34	0,34	358
1,0	0,22	0,22	807
0,5	0,11	0,11	3226

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 11°
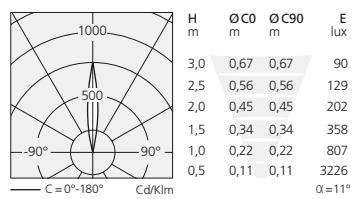
T403239W00	1 LED	1W	3000K	30°
T403239N00	1 LED	1W	4000K	30°
T403239C00	1 LED	1W	6000K	30°
electronic 24Vdc				

Fixed beam

Effective power
1,44W

H m	∅C0 m	∅C90 m	E lux
3,0	1,61	1,61	23
2,5	1,34	1,34	33
2,0	1,07	1,07	52
1,5	0,80	0,80	93
1,0	0,54	0,54	208
0,5	0,27	0,27	833

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 30°
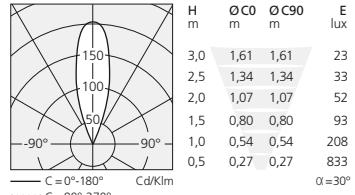
T4032ELW00	1 LED	1W	3000K	12°x36°
T4032ELN00	1 LED	1W	4000K	12°x36°
T4032ELC00	1 LED	1W	6000K	12°x36°
electronic 24Vdc				

Fixed beam

Effective power
1,44W

H m	∅C0 m	∅C90 m	E lux
3,0	0,78	1,52	42
2,5	0,65	1,27	61
2,0	0,52	1,01	95
1,5	0,39	0,76	169
1,0	0,26	0,51	381
0,5	0,13	0,25	1552

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 12°x36°
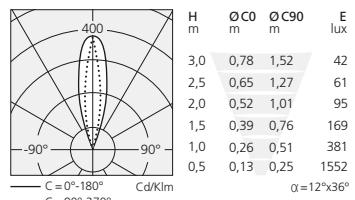
T409908	Recessing box
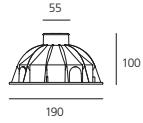
Naiade 55 walk-over

Naiade 55 walk-over Square aluminium

Painted aluminium ring (3mm)
Static load 1000 Kg
Glass thickness 8 mm
T glass 35° C
Recessing box supplied separately

IP65/67 **IK**10

T400110W00	1 LED	1W	3000K	11°
T400110N00	1 LED	1W	4000K	11°
T400110C00	1 LED	1W	6000K	11°
electronic 24Vdc				
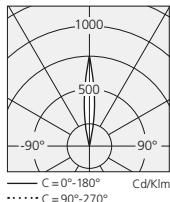
Fixed beam

Effective power 1,44W

H m	ØC0 m	ØC90 m	E lux
3,0	0,67	0,67	90
2,5	0,56	0,56	129
2,0	0,45	0,45	202
1,5	0,34	0,34	358
1,0	0,22	0,22	807
0,5	0,11	0,11	3226

C = 0°-180° Cd/Klm
C = 90°-270° α=11°

T400139W00	1 LED	1W	3000K	30°
T400139N00	1 LED	1W	4000K	30°
T400139C00	1 LED	1W	6000K	30°
electronic 24Vdc				
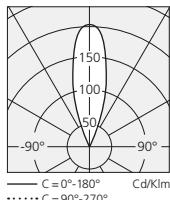
Fixed beam

Effective power 1,44W

H m	ØC0 m	ØC90 m	E lux
3,0	1,61	1,61	23
2,5	1,34	1,34	33
2,0	1,07	1,07	52
1,5	0,80	0,80	93
1,0	0,54	0,54	208
0,5	0,27	0,27	833

C = 0°-180° Cd/Klm
C = 90°-270° α=30°

T4001ELW00	1 LED	1W	3000K	12°x36°
T4001ELN00	1 LED	1W	4000K	12°x36°
T4001ELC00	1 LED	1W	6000K	12°x36°
electronic 24Vdc				
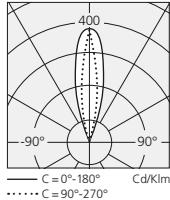
Fixed beam

Effective power 1,44W

H m	ØC0 m	ØC90 m	E lux
3,0	0,78	1,52	42
2,5	0,65	1,27	61
2,0	0,52	1,01	95
1,5	0,39	0,76	169
1,0	0,26	0,51	381
0,5	0,13	0,25	1552

C = 0°-180° Cd/Klm
C = 90°-270° α=12°x36°

T409908	Recessing box
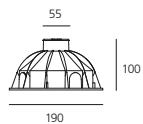
Naiade 55 walk-over Square steel

AISI 316 stainless steel ring (3mm)
Static load 1000 Kg
Glass thickness 8 mm
T glass 35° C
Recessing box supplied separately

IP65/67 **IK**10

T400210W00	1 LED	1W	3000K	11°
T400210N00	1 LED	1W	4000K	11°
T400210C00	1 LED	1W	6000K	11°
electronic 24Vdc				
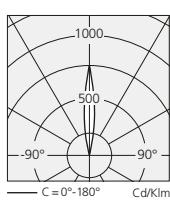
Fixed beam

Effective power 1,44W

H m	ØC0 m	ØC90 m	E lux
3,0	0,67	0,67	90
2,5	0,56	0,56	129
2,0	0,45	0,45	202
1,5	0,34	0,34	358
1,0	0,22	0,22	807
0,5	0,11	0,11	3226

C = 0°-180° Cd/Klm
C = 90°-270° α=11°

T400239W00	1 LED	1W	3000K	30°
T400239N00	1 LED	1W	4000K	30°
T400239C00	1 LED	1W	6000K	30°
electronic 24Vdc				
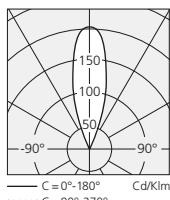
Fixed beam

Effective power 1,44W

H m	ØC0 m	ØC90 m	E lux
3,0	1,61	1,61	23
2,5	1,34	1,34	33
2,0	1,07	1,07	52
1,5	0,80	0,80	93
1,0	0,54	0,54	208
0,5	0,27	0,27	833

C = 0°-180° Cd/Klm
C = 90°-270° α=30°

T4002ELW00	1 LED	1W	3000K	12°x36°
T4002ELN00	1 LED	1W	4000K	12°x36°
T4002ELC00	1 LED	1W	6000K	12°x36°
electronic 24Vdc				

Fixed beam

Effective power 1,44W

H m	ØC0 m	ØC90 m	E lux
3,0	0,78	1,52	42
2,5	0,65	1,27	61
2,0	0,52	1,01	95
1,5	0,39	0,76	169
1,0	0,26	0,51	381
0,5	0,13	0,25	1552

C = 0°-180° Cd/Klm
C = 90°-270° α=12°x36°

T409908	Recessing box

ø 90
100
ø 190
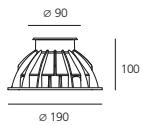
Naiade 90 walk-over
Round aluminium

Painted aluminium ring (3mm)
Aluminium secondary frame
Static load 1000 Kg
Glass thickness 10 mm
T glass 36° C
Recessing box supplied separately

IP65/67 **IK**10

T403410W00	3 LED	3,3W	3000K	10°
T403410N00	3 LED	3,3W	4000K	10°
T403410C00	3 LED	3,3W	6000K	10°

electronic 24Vdc

Adjustable beam +0° -8°

Effective power 3,7W

H m	Ø C0 m	Ø C90 m	E lux
3,0	0,68	0,68	47
2,5	0,57	0,57	68
2,0	0,46	0,46	106
1,5	0,34	0,34	188
1,0	0,23	0,23	423
0,5	0,11	0,11	1693

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 10°

T403439W00	3 LED	3,3W	3000K	25°
T403439N00	3 LED	3,3W	4000K	25°
T403439C00	3 LED	3,3W	6000K	25°

electronic 24Vdc

Adjustable beam +0° -8°

Effective power 3,7W

H m	Ø C0 m	Ø C90 m	E lux
3,0	1,72	1,72	26
2,5	1,43	1,43	38
2,0	1,15	1,15	59
1,5	0,86	0,86	104
1,0	0,57	0,57	235
0,5	0,29	0,29	939

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 25°

T4034ELW00	3 LED	3,3W	3000K	35°
T4034ELN00	3 LED	3,3W	4000K	35°
T4034ELC00	3 LED	3,3W	6000K	35°
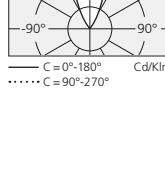
electronic 24Vdc

Adjustable beam +0° -8°

Effective power 3,7W

H m	Ø C0 m	Ø C90 m	E lux
3,0	1,80	1,80	28
2,5	1,50	1,50	40
2,0	1,20	1,20	63
1,5	0,90	0,90	112
1,0	0,60	0,60	251
0,5	0,30	0,30	1005

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 35°

T409907	Recessing box

ø 90
100
ø 190
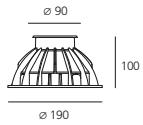
Naiade 90 walk-over
Round steel

AISI 316 stainless steel ring (3mm)
Aluminium secondary frame
Static load 1000 Kg
Glass thickness 10 mm
T glass 36° C
Recessing box supplied separately

IP65/67 **IK**10

T403510W00	3 LED	3,3W	3000K	10°
T403510N00	3 LED	3,3W	4000K	10°
T403510C00	3 LED	3,3W	6000K	10°

electronic 24Vdc

Adjustable beam +0° -8°

Effective power 3,7W

H m	Ø C0 m	Ø C90 m	E lux
3,0	0,68	0,68	47
2,5	0,57	0,57	68
2,0	0,46	0,46	106
1,5	0,34	0,34	188
1,0	0,23	0,23	423
0,5	0,11	0,11	1693

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 10°

T403539W00	3 LED	3,3W	3000K	25°
T403539N00	3 LED	3,3W	4000K	25°
T403539C00	3 LED	3,3W	6000K	25°

electronic 24Vdc

Adjustable beam +0° -8°

Effective power 3,7W

H m	Ø C0 m	Ø C90 m	E lux
3,0	1,72	1,72	26
2,5	1,43	1,43	38
2,0	1,15	1,15	59
1,5	0,86	0,86	104
1,0	0,57	0,57	235
0,5	0,29	0,29	939

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 25°

T4035ELW00	3 LED	3,3W	3000K	35°
T4035ELN00	3 LED	3,3W	4000K	35°
T4035ELC00	3 LED	3,3W	6000K	35°

electronic 24Vdc

Adjustable beam +0° -8°

Effective power 3,7W

H m	Ø C0 m	Ø C90 m	E lux
3,0	1,80	1,80	28
2,5	1,50	1,50	40
2,0	1,20	1,20	63
1,5	0,90	0,90	112
1,0	0,60	0,60	251
0,5	0,30	0,30	1005

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 35°

T409907	Recessing box

Naiade 90 walk-over

Naiade 90 walk-over
Square aluminium

Painted aluminium ring
(3mm)
Aluminium secondary frame
Static load 1000 Kg
Glass thickness 10 mm
T glass 36° C
Recessing box supplied
separately

IP65/67 **IK**10

T400410W00	3 LED	3,3W	3000K	10°	
T400410N00	3 LED	3,3W	4000K	10°	
T400410C00	3 LED	3,3W	6000K	10°	
electronic 24Vdc					
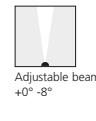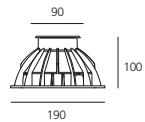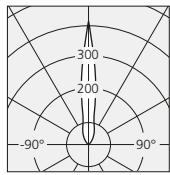
Adjustable beam
+0° -8°

Effective power
3,7W

H m	ØC0 m	ØC90 m	E lux
3,0	0,68	0,68	47
2,5	0,57	0,57	68
2,0	0,46	0,46	106
1,5	0,34	0,34	188
1,0	0,23	0,23	423
0,5	0,11	0,11	1693

— C=0°-180° Cd/Klm
······ C=90°-270° α=10°

T400439W00	3 LED	3,3W	3000K	25°	
T400439N00	3 LED	3,3W	4000K	25°	
T400439C00	3 LED	3,3W	6000K	25°	
electronic 24Vdc					
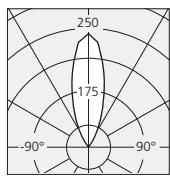
Adjustable beam
+0° -8°

Effective power
3,7W

H m	ØC0 m	ØC90 m	E lux
3,0	1,72	1,72	26
2,5	1,43	1,43	38
2,0	1,15	1,15	59
1,5	0,86	0,86	104
1,0	0,57	0,57	235
0,5	0,29	0,29	939

— C=0°-180° Cd/Klm
······ C=90°-270° α=25°

T4004ELW00	3 LED	3,3W	3000K	35°	
T4004ELN00	3 LED	3,3W	4000K	35°	
T4004ELC00	3 LED	3,3W	6000K	35°	
electronic 24Vdc					
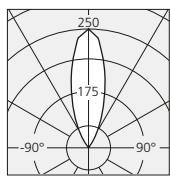
Adjustable beam
+0° -8°

Effective power
3,7W

H m	ØC0 m	ØC90 m	E lux
3,0	1,80	1,80	28
2,5	1,50	1,50	40
2,0	1,20	1,20	63
1,5	0,90	0,90	112
1,0	0,60	0,60	251
0,5	0,30	0,30	1005

— C=0°-180° Cd/Klm
······ C=90°-270° α=35°

T409907	Recessing box

Naiade 90 walk-over
Square steel

AISI 316 stainless steel ring
(3mm)
Aluminium secondary frame
Static load 1000 Kg
Glass thickness 10 mm
T glass 36° C
Recessing box supplied
separately

IP65/67 **IK**10

T400510W00	3 LED	3,3W	3000K	10°	
T400510N00	3 LED	3,3W	4000K	10°	
T400510C00	3 LED	3,3W	6000K	10°	
electronic 24Vdc					
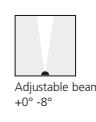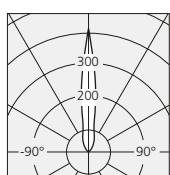
Adjustable beam
+0° -8°

Effective power
3,7W

H m	ØC0 m	ØC90 m	E lux
3,0	0,68	0,68	47
2,5	0,57	0,57	68
2,0	0,46	0,46	106
1,5	0,34	0,34	188
1,0	0,23	0,23	423
0,5	0,11	0,11	1693

— C=0°-180° Cd/Klm
······ C=90°-270° α=10°

T400539W00	3 LED	3,3W	3000K	25°	
T400539N00	3 LED	3,3W	4000K	25°	
T400539C00	3 LED	3,3W	6000K	25°	
electronic 24Vdc					
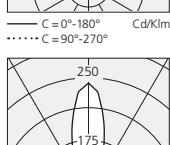
Adjustable beam
+0° -8°

Effective power
3,7W

H m	ØC0 m	ØC90 m	E lux
3,0	1,72	1,72	26
2,5	1,43	1,43	38
2,0	1,15	1,15	59
1,5	0,86	0,86	104
1,0	0,57	0,57	235
0,5	0,29	0,29	939

— C=0°-180° Cd/Klm
······ C=90°-270° α=25°

T4005ELW00	3 LED	3,3W	3000K	35°	
T4005ELN00	3 LED	3,3W	4000K	35°	
T4005ELC00	3 LED	3,3W	6000K	35°	
electronic 24Vdc					
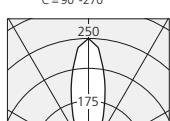
Adjustable beam
+0° -8°

Effective power
3,7W

H m	ØC0 m	ØC90 m	E lux
3,0	1,80	1,80	28
2,5	1,50	1,50	40
2,0	1,20	1,20	63
1,5	0,90	0,90	112
1,0	0,60	0,60	251
0,5	0,30	0,30	1005

— C=0°-180° Cd/Klm
······ C=90°-270° α=35°

T409907	Recessing box

Naiade 150 walk-over

ø 150
117
ø 260
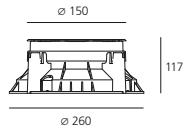
**Naiade 150 walk-over
Round aluminium**

Painted aluminium ring
(3mm)
Aluminium secondary frame
Static load 1000 Kg
Glass thickness 8 mm
T glass 33° C
Recessing box supplied
separately

IP65/67 **IK**10

T403710W00	4 LED	6,3W	3000K	6°
T403710N00	4 LED	6,3W	4000K	6°
T403710C00	4 LED	6,3W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 7,9W

H m	ØC0 m	ØC90 m	E lux
3,0	0,28	0,28	1304
2,5	0,24	0,24	1877
2,0	0,19	0,19	2933
1,5	0,14	0,14	5214
1,0	0,09	0,09	11732
0,5	0,05	0,05	46928

C = 0°-180°   Cd/Klm
C = 90°-270°   α=6°
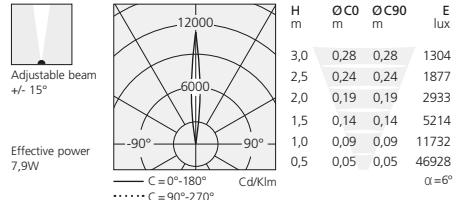
T403739W00	4 LED	6,3W	3000K	32°
T403739N00	4 LED	6,3W	4000K	32°
T403739C00	4 LED	6,3W	6000K	32°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 7,9W

H m	ØC0 m	ØC90 m	E lux
3,0	1,79	1,79	93
2,5	1,49	1,49	134
2,0	1,19	1,19	209
1,5	0,89	0,89	371
1,0	0,60	0,60	836
0,5	0,30	0,30	3342

C = 0°-180°   Cd/Klm
C = 90°-270°   α=32°
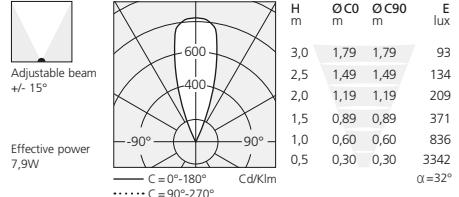
T4037ELW00	4 LED	6,3W	3000K	6°x45°
T4037ELN00	4 LED	6,3W	4000K	6°x45°
T4037ELC00	4 LED	6,3W	6000K	6°x45°
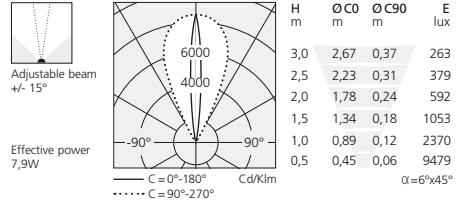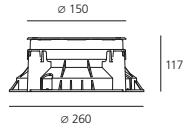
220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 7,9W

H m	ØC0 m	ØC90 m	E lux
3,0	2,67	0,37	263
2,5	2,23	0,31	379
2,0	1,78	0,24	592
1,5	1,34	0,18	1053
1,0	0,89	0,12	2370
0,5	0,45	0,06	9479

C = 0°-180°   Cd/Klm
C = 90°-270°   α=6°x45°

T409905	Recessing box

ø 150
117
ø 260

**Naiade 150 walk-over
Round steel**

AISI 316 stainless steel ring
(3mm)
Aluminium secondary frame
Static load 1000 Kg
Glass thickness 8 mm
T glass 33° C
Recessing box supplied
separately

IP65/67 **IK**10

T403810W00	4 LED	6,3W	3000K	6°
T403810N00	4 LED	6,3W	4000K	6°
T403810C00	4 LED	6,3W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 7,9W

H m	ØC0 m	ØC90 m	E lux
3,0	0,28	0,28	1304
2,5	0,24	0,24	1877
2,0	0,19	0,19	2933
1,5	0,14	0,14	5214
1,0	0,09	0,09	11732
0,5	0,05	0,05	46928

C = 0°-180°   Cd/Klm
C = 90°-270°   α=6°
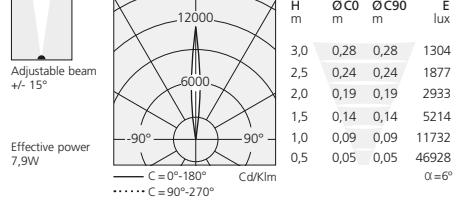
T403839W00	4 LED	6,3W	3000K	32°
T403839N00	4 LED	6,3W	4000K	32°
T403839C00	4 LED	6,3W	6000K	32°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 7,9W

H m	ØC0 m	ØC90 m	E lux
3,0	1,79	1,79	93
2,5	1,49	1,49	134
2,0	1,19	1,19	209
1,5	0,89	0,89	371
1,0	0,60	0,60	836
0,5	0,30	0,30	3342

C = 0°-180°   Cd/Klm
C = 90°-270°   α=32°
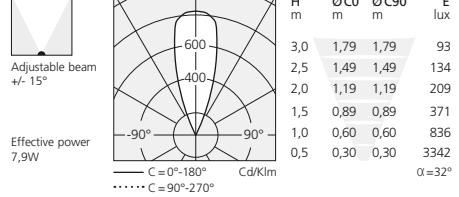
T4038ELW00	4 LED	6,3W	3000K	6°x45°
T4038ELN00	4 LED	6,3W	4000K	6°x45°
T4038ELC00	4 LED	6,3W	6000K	6°x45°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 7,9W

H m	ØC0 m	ØC90 m	E lux
3,0	2,67	0,37	263
2,5	2,23	0,31	379
2,0	1,78	0,24	592
1,5	1,34	0,18	1053
1,0	0,89	0,12	2370
0,5	0,45	0,06	9479

C = 0°-180°   Cd/Klm
C = 90°-270°   α=6°x45°
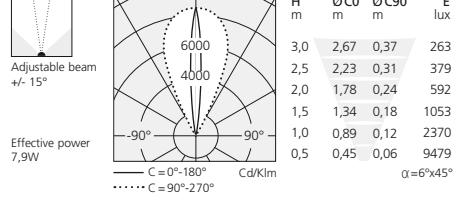
T409905	Recessing box
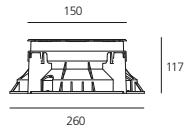
**Naiade 150 walk-over
Square aluminium**

Painted aluminium ring
(3mm)
Aluminium secondary frame
Static load 1000 Kg
Glass thickness 8 mm
T glass 33° C
Recessing box supplied
separately

IP65/67 **IK**10

T400710W00	4 LED	6,3W	3000K	6°
T400710N00	4 LED	6,3W	4000K	6°
T400710C00	4 LED	6,3W	6000K	6°
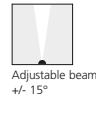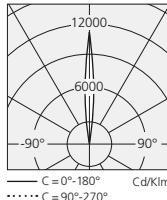
220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
7,9W

H m	Ø C0 m	Ø C90 m	E lux
3,0	0,28	0,28	1304
2,5	0,24	0,24	1877
2,0	0,19	0,19	2933
1,5	0,14	0,14	5214
1,0	0,09	0,09	11732
0,5	0,05	0,05	46928

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 6°

T400739W00	4 LED	6,3W	3000K	32°
T400739N00	4 LED	6,3W	4000K	32°
T400739C00	4 LED	6,3W	6000K	32°
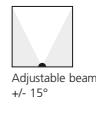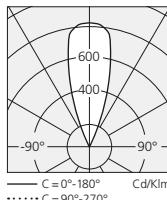
220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
7,9W

H m	Ø C0 m	Ø C90 m	E lux
3,0	1,79	1,79	93
2,5	1,49	1,49	134
2,0	1,19	1,19	209
1,5	0,89	0,89	371
1,0	0,60	0,60	836
0,5	0,30	0,30	3342

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 32°

T4007ELW00	4 LED	6,3W	3000K	6°x45°
T4007ELN00	4 LED	6,3W	4000K	6°x45°
T4007ELC00	4 LED	6,3W	6000K	6°x45°
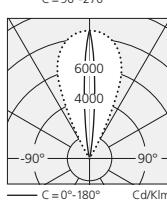
220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
7,9W

H m	Ø C0 m	Ø C90 m	E lux
3,0	2,67	0,37	263
2,5	2,23	0,31	379
2,0	1,78	0,24	592
1,5	1,34	0,18	1053
1,0	0,89	0,12	2370
0,5	0,45	0,06	9479

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 6°x45°

T409906	Recessing box
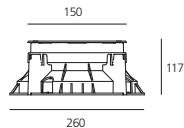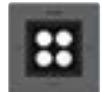
**Naiade 150 walk-over
Square steel**

AISI 316 stainless steel ring
(3mm)
Aluminium secondary frame
Static load 1000 Kg
Glass thickness 10 mm
T glass 33° C
Recessing box supplied
separately

IP65/67 **IK**10

| T400810W00	4 LED	6,3W	3000K	6°
T400810N00	4 LED	6,3W	4000K	6°
T400810C00	4 LED	6,3W	6000K	6°
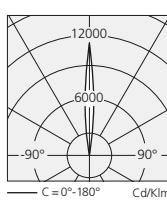
220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
7,9W

H m	Ø C0 m	Ø C90 m	E lux
3,0	0,28	0,28	1304
2,5	0,24	0,24	1877
2,0	0,19	0,19	2933
1,5	0,14	0,14	5214
1,0	0,09	0,09	11732
0,5	0,05	0,05	46928

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 6°

T400839W00	4 LED	6,3W	3000K	32°
T400839N00	4 LED	6,3W	4000K	32°
T400839C00	4 LED	6,3W	6000K	32°
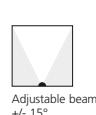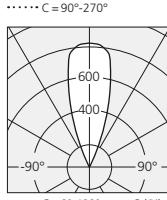
220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
7,9W

H m	Ø C0 m	Ø C90 m	E lux
3,0	1,79	1,79	93
2,5	1,49	1,49	134
2,0	1,19	1,19	209
1,5	0,89	0,89	371
1,0	0,60	0,60	836
0,5	0,30	0,30	3342

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 32°

T4008ELW00	4 LED	6,3W	3000K	6°x45°
T4008ELN00	4 LED	6,3W	4000K	6°x45°
T4008ELC00	4 LED	6,3W	6000K	6°x45°
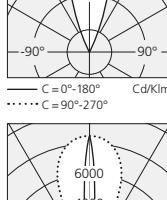
220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
7,9W

H m	Ø C0 m	Ø C90 m	E lux
3,0	2,67	0,37	263
2,5	2,23	0,31	379
2,0	1,78	0,24	592
1,5	1,34	0,18	1053
1,0	0,89	0,12	2370
0,5	0,45	0,06	9479

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 6°x45°

T409906	Recessing box

21

∅ 220
117
∅ 300
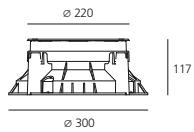
Naiade 220 walk-over
Round aluminium

Painted aluminium ring
(3mm)
Aluminium secondary frame
Static load 1000 Kg
Glass thickness 8 mm
T glass 40° C
Recessing box supplied
separately

IP65/67 **IK**10

T404010W00	9 LED	13,8W	3000K	6°
T404010N00	9 LED	13,8W	4000K	6°
T404010C00	9 LED	13,8W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
15,9W

H m	∅C0 m	∅C90 m	E lux
3,0	0,32	0,32	1826
2,5	0,27	0,27	2629
2,0	0,22	0,22	4109
1,5	0,16	0,16	7304
1,0	0,11	0,11	16434
0,5	0,05	0,05	65736

C = 0°-180° Cd/Klm
C = 90°-270° α = 6°

T404039W00	9 LED	13,8W	3000K	32°
T404039N00	9 LED	13,8W	4000K	32°
T404039C00	9 LED	13,8W	6000K	32°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
15,9W

H m	∅C0 m	∅C90 m	E lux
3,0	1,89	1,89	179
2,5	1,58	1,58	258
2,0	1,26	1,26	403
1,5	0,95	0,95	716
1,0	0,63	0,63	1611
0,5	0,32	0,32	6444

C = 0°-180° Cd/Klm
C = 90°-270° α = 32°

T4040ELW00	9 LED	13,8W	3000K	6°x45°
T4040ELN00	9 LED	13,8W	4000K	6°x45°
T4040ELC00	9 LED	13,8W	6000K	6°x45°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
15,9W

H m	∅C0 m	∅C90 m	E lux
3,0	2,66	0,38	526
2,5	2,22	0,31	757
2,0	1,77	0,25	1183
1,5	1,33	0,19	2102
1,0	0,89	0,13	4731
0,5	0,44	0,06	18922

C = 0°-180° Cd/Klm
C = 90°-270° α = 6°x45°

T409903	Recessing box

∅ 220
117
∅ 300
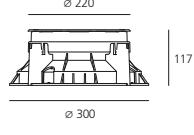
Naiade 220 walk-over
Round steel

AISI 316 stainless steel ring
(3mm)
Aluminium secondary frame
Static load 1000 Kg
Glass thickness 8 mm
T glass 40° C
Recessing box supplied
separately

IP65/67 **IK**10

T404110W00	9 LED	13,8W	3000K	6°
T404110N00	9 LED	13,8W	4000K	6°
T404110C00	9 LED	13,8W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
15,9W

H m	∅C0 m	∅C90 m	E lux
3,0	0,32	0,32	1826
2,5	0,27	0,27	2629
2,0	0,22	0,22	4109
1,5	0,16	0,16	7304
1,0	0,11	0,11	16434
0,5	0,05	0,05	65736

C = 0°-180° Cd/Klm
C = 90°-270° α = 6°
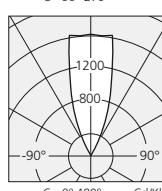
T404139W00	9 LED	13,8W	3000K	32°
T404139N00	9 LED	13,8W	4000K	32°
T404139C00	9 LED	13,8W	6000K	32°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
15,9W

H m	∅C0 m	∅C90 m	E lux
3,0	1,89	1,89	179
2,5	1,58	1,58	258
2,0	1,26	1,26	403
1,5	0,95	0,95	716
1,0	0,63	0,63	1611
0,5	0,32	0,32	6444

C = 0°-180° Cd/Klm
C = 90°-270° α = 32°

T4041ELW00	9 LED	13,8W	3000K	6°x45°
T4041ELN00	9 LED	13,8W	4000K	6°x45°
T4041ELC00	9 LED	13,8W	6000K	6°x45°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
15,9W

H m	∅C0 m	∅C90 m	E lux
3,0	2,66	0,38	526
2,5	2,22	0,31	757
2,0	1,77	0,25	1183
1,5	1,33	0,19	2102
1,0	0,89	0,13	4731
0,5	0,44	0,06	18922

C = 0°-180° Cd/Klm
C = 90°-270° α = 6°x45°

T409903	Recessing box

220

117

300
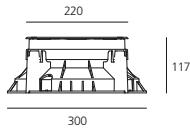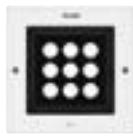
**Naiade 220 walk-over
Square aluminium**

Painted aluminium ring
(3mm)
Aluminium secondary frame
Static load 1000 Kg
Glass thickness 8 mm
T glass 40° C
Recessing box supplied
separately

IP65/67 **IK**10

T401010W00	9 LED	13,8W	3000K	6°
T401010N00	9 LED	13,8W	4000K	6°
T401010C00	9 LED	13,8W	6000K	6°
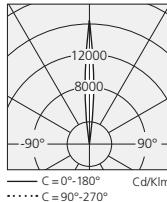
220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
15,9W

H m	ØC0 m	ØC90 m	E lux
3,0	0,32	0,32	1826
2,5	0,27	0,27	2629
2,0	0,22	0,22	4109
1,5	0,16	0,16	7304
1,0	0,11	0,11	16434
0,5	0,05	0,05	65736

—— C=0°-180° Cd/Klm
······ C=90°-270°   α=6°

T401039W00	9 LED	13,8W	3000K	32°
T401039N00	9 LED	13,8W	4000K	32°
T401039C00	9 LED	13,8W	6000K	32°
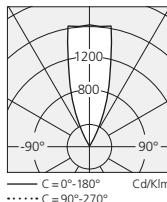
220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
15,9W

H m	ØC0 m	ØC90 m	E lux
3,0	1,89	1,89	179
2,5	1,58	1,58	258
2,0	1,26	1,26	403
1,5	0,95	0,95	716
1,0	0,63	0,63	1611
0,5	0,32	0,32	6444

—— C=0°-180° Cd/Klm
······ C=90°-270°   α=32°

T4010ELW00	9 LED	13,8W	3000K	6°x45°
T4010ELN00	9 LED	13,8W	4000K	6°x45°
T4010ELC00	9 LED	13,8W	6000K	6°x45°
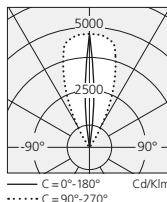
220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
15,9W

H m	ØC0 m	ØC90 m	E lux
3,0	2,66	0,38	526
2,5	2,22	0,31	757
2,0	1,77	0,25	1183
1,5	1,33	0,19	2102
1,0	0,89	0,13	4731
0,5	0,44	0,06	18922

—— C=0°-180° Cd/Klm
······ C=90°-270°   α=6°x45°

| T409904 | | Recessing box |

220

117

300
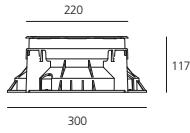
**Naiade 220 walk-over
Square steel**

AISI 316 stainless steel ring
(3mm)
Aluminium secondary frame
Static load 1000 Kg
Glass thickness 8 mm
T glass 40° C
Recessing box supplied
separately

IP65/67 **IK**10

T401110W00	9 LED	13,8W	3000K	6°
T401110N00	9 LED	13,8W	4000K	6°
T401110C00	9 LED	13,8W	6000K	6°
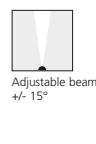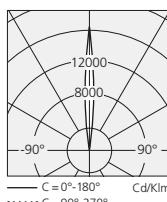
220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
15,9W

H m	ØC0 m	ØC90 m	E lux
3,0	0,32	0,32	1826
2,5	0,27	0,27	2629
2,0	0,22	0,22	4109
1,5	0,16	0,16	7304
1,0	0,11	0,11	16434
0,5	0,05	0,05	65736

—— C=0°-180° Cd/Klm
······ C=90°-270°   α=6°

T401139W00	9 LED	13,8W	3000K	32°
T401139N00	9 LED	13,8W	4000K	32°
T401139C00	9 LED	13,8W	6000K	32°
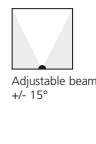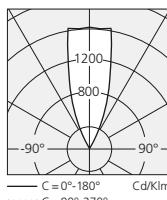
220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
15,9W

H m	ØC0 m	ØC90 m	E lux
3,0	1,89	1,89	179
2,5	1,58	1,58	258
2,0	1,26	1,26	403
1,5	0,95	0,95	716
1,0	0,63	0,63	1611
0,5	0,32	0,32	6444

—— C=0°-180° Cd/Klm
······ C=90°-270°   α=32°

T4011ELW00	9 LED	13,8W	3000K	6°x45°
T4011ELN00	9 LED	13,8W	4000K	6°x45°
T4011ELC00	9 LED	13,8W	6000K	6°x45°
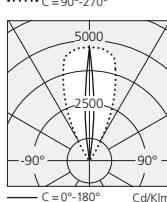
220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
15,9W

H m	ØC0 m	ØC90 m	E lux
3,0	2,66	0,38	526
2,5	2,22	0,31	757
2,0	1,77	0,25	1183
1,5	1,33	0,19	2102
1,0	0,89	0,13	4731
0,5	0,44	0,06	18922

—— C=0°-180° Cd/Klm
······ C=90°-270°   α=6°x45°

| T409904 | | Recessing box |

Naiade 320 walk-over


ø 320
117
ø 406
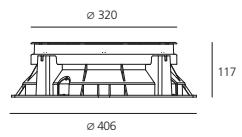
Naiade 320 walk-over
Round aluminium

Painted aluminium ring (3mm)
Aluminium secondary frame
Static load 1000 Kg
Glass thickness 8 mm
T glass 37° C
Recessing box supplied separately

IP65/67 **IK**10

T404910W00	16 LED	23,8W	3000K	6°	
T404910N00	16 LED	23,8W	4000K	6°	
T404910C00	16 LED	23,8W	6000K	6°	

220/240Vac 50/60Hz electronic ballast

Adjustable beam + 15° -7°
Effective power 27W

H m	ØC0 m	ØC90 m	E lux
3,0	0,29	0,29	4189
2,5	0,24	0,24	6032
2,0	0,20	0,20	9425
1,5	0,15	0,15	16756
1,0	0,10	0,10	37701
0,5	0,05	0,05	150804

—— C = 0°-180° Cd/Klm
······ C = 90°-270° α = 6°
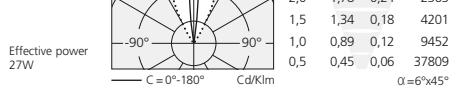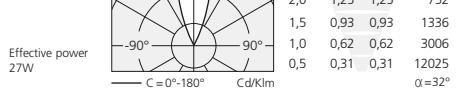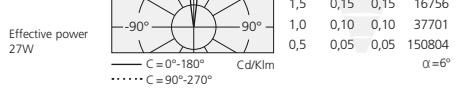
T404939W00	16 LED	23,8W	3000K	32°	
T404939N00	16 LED	23,8W	4000K	32°	
T404939C00	16 LED	23,8W	6000K	32°	

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°
Effective power 27W

H m	ØC0 m	ØC90 m	E lux
3,0	1,87	1,87	334
2,5	1,56	1,56	481
2,0	1,25	1,25	752
1,5	0,93	0,93	1336
1,0	0,62	0,62	3006
0,5	0,31	0,31	12025

—— C = 0°-180° Cd/Klm
······ C = 90°-270° α = 32°

T4049ELW00	16 LED	23,8W	3000K	6°x45°	
T4049ELN00	16 LED	23,8W	4000K	6°x45°	
T4049ELC00	16 LED	23,8W	6000K	6°x45°	

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°
Effective power 27W

H m	ØC0 m	ØC90 m	E lux
3,0	2,67	0,37	1050
2,5	2,23	0,31	1512
2,0	1,78	0,24	2363
1,5	1,34	0,18	4201
1,0	0,89	0,12	9452
0,5	0,45	0,06	37809

—— C = 0°-180° Cd/Klm
······ C = 90°-270° α = 6°x45°

T409901	Recessing box

ø 320
117
ø 406
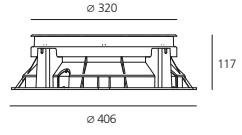
Naiade 320 walk-over
Round steel

AISI 316 stainless steel ring (3mm)
Aluminium secondary frame
Static load 1000 Kg
Glass thickness 8 mm
T glass 37° C
Recessing box supplied separately

IP65/67 **IK**10

T405010W00	16 LED	23,8W	3000K	6°	
T405010N00	16 LED	23,8W	4000K	6°	
T405010C00	16 LED	23,8W	6000K	6°	

220/240Vac 50/60Hz electronic ballast

Adjustable beam + 15° -7°
Effective power 27W

H m	ØC0 m	ØC90 m	E lux
3,0	0,29	0,29	4189
2,5	0,24	0,24	6032
2,0	0,20	0,20	9425
1,5	0,15	0,15	16756
1,0	0,10	0,10	37701
0,5	0,05	0,05	150804

—— C = 0°-180° Cd/Klm
······ C = 90°-270° α = 6°
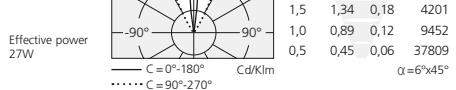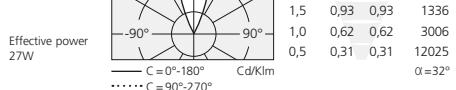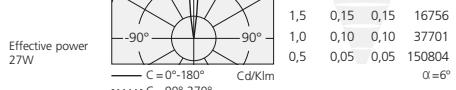
T405039W00	16 LED	23,8W	3000K	32°	
T405039N00	16 LED	23,8W	4000K	32°	
T405039C00	16 LED	23,8W	6000K	32°	

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°
Effective power 27W

H m	ØC0 m	ØC90 m	E lux
3,0	1,87	1,87	334
2,5	1,56	1,56	481
2,0	1,25	1,25	752
1,5	0,93	0,93	1336
1,0	0,62	0,62	3006
0,5	0,31	0,31	12025

—— C = 0°-180° Cd/Klm
······ C = 90°-270° α = 32°

T4050ELW00	16 LED	23,8W	3000K	6°x45°	
T4050ELN00	16 LED	23,8W	4000K	6°x45°	
T4050ELC00	16 LED	23,8W	6000K	6°x45°	

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°
Effective power 27W

H m	ØC0 m	ØC90 m	E lux
3,0	2,67	0,37	1050
2,5	2,23	0,31	1512
2,0	1,78	0,24	2363
1,5	1,34	0,18	4201
1,0	0,89	0,12	9452
0,5	0,45	0,06	37809

—— C = 0°-180° Cd/Klm
······ C = 90°-270° α = 6°x45°

|	
T409901	Recessing box

Naiade 320 walk-over

320
117
406
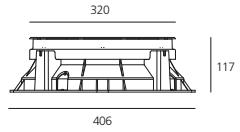
Naiade 320 walk-over Square aluminium

Painted aluminium ring (3mm)
Aluminium secondary frame
Static load 1000 Kg
Glass thickness 8 mm
T glass 37° C
Recessing box supplied separately

IP65/67 **IK**10

T401910W00	16 LED	23,8W	3000K	6°
T401910N00	16 LED	23,8W	4000K	6°
T401910C00	16 LED	23,8W	6000K	6°
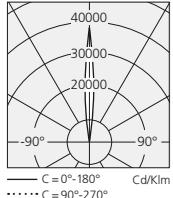
220/240Vac 50/60Hz electronic ballast

Adjustable beam + 15° -7°

Effective power 27W

H m	Ø C0 m	Ø C90 m	E lux
3,0	0,29	0,29	4189
2,5	0,24	0,24	6032
2,0	0,20	0,20	9425
1,5	0,15	0,15	16756
1,0	0,10	0,10	37701
0,5	0,05	0,05	150804

C=0°-180° Cd/Klm
C=90°-270° α=6°

T401939W00	16 LED	23,8W	3000K	32°
T401939N00	16 LED	23,8W	4000K	32°
T401939C00	16 LED	23,8W	6000K	32°
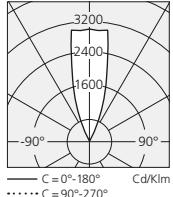
220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 27W

H m	Ø C0 m	Ø C90 m	E lux
3,0	1,87	1,87	334
2,5	1,56	1,56	481
2,0	1,25	1,25	752
1,5	0,93	0,93	1336
1,0	0,62	0,62	3006
0,5	0,31	0,31	12025

C=0°-180° Cd/Klm
C=90°-270° α=32°

T4019ELW00	16 LED	23,8W	3000K	6°x45°
T4019ELN00	16 LED	23,8W	4000K	6°x45°
T4019ELC00	16 LED	23,8W	6000K	6°x45°
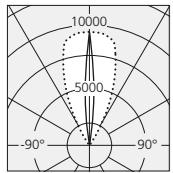
220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 27W

H m	Ø C0 m	Ø C90 m	E lux
3,0	2,67	0,37	1050
2,5	2,23	0,31	1512
2,0	1,78	0,24	2363
1,5	1,34	0,18	4201
1,0	0,89	0,12	9452
0,5	0,45	0,06	37809

C=0°-180° Cd/Klm
C=90°-270° α=6°x45°

T409902	Recessing box

320
117
406
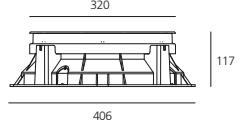
Naiade 320 walk-over Square steel

AISI 316 stainless steel ring (3mm)
Aluminium secondary frame
Static load 1000 Kg
Glass thickness 8 mm
T glass 37° C
Recessing box supplied separately

IP65/67 **IK**10

T402010W00	16 LED	23,8W	3000K	6°
T402010N00	16 LED	23,8W	4000K	6°
T402010C00	16 LED	23,8W	6000K	6°
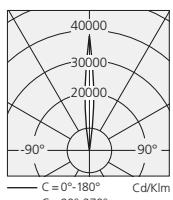
220/240Vac 50/60Hz electronic ballast

Adjustable beam + 15° -7°

Effective power 27W

H m	Ø C0 m	Ø C90 m	E lux
3,0	0,29	0,29	4189
2,5	0,24	0,24	6032
2,0	0,20	0,20	9425
1,5	0,15	0,15	16756
1,0	0,10	0,10	37701
0,5	0,05	0,05	150804

C=0°-180° Cd/Klm
C=90°-270° α=6°

T402039W00	16 LED	23,8W	3000K	32°
T402039N00	16 LED	23,8W	4000K	32°
T402039C00	16 LED	23,8W	6000K	32°
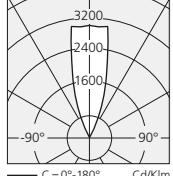
220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 27W

H m	Ø C0 m	Ø C90 m	E lux
3,0	1,87	1,87	334
2,5	1,56	1,56	481
2,0	1,25	1,25	752
1,5	0,93	0,93	1336
1,0	0,62	0,62	3006
0,5	0,31	0,31	12025

C=0°-180° Cd/Klm
C=90°-270° α=32°

T4020ELW00	16 LED	23,8W	3000K	6°x45°
T4020ELN00	16 LED	23,8W	4000K	6°x45°
T4020ELC00	16 LED	23,8W	6000K	6°x45°
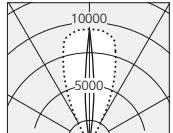
220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 27W

H m	Ø C0 m	Ø C90 m	E lux
3,0	2,67	0,37	1050
2,5	2,23	0,31	1512
2,0	1,78	0,24	2363
1,5	1,34	0,18	4201
1,0	0,89	0,12	9452
0,5	0,45	0,06	37809

C=0°-180° Cd/Klm
C=90°-270° α=6°x45°

T409902	Recessing box

Orcamo walk-over	2011

- Light fixture with high-performance LED light sources.
- Walk-over recessed floor installation.
- 3 sizes (150, 220, 320 mm).
- Round and square version.
- Composed by body, black silkscreened glass flush with the floor, recessing box.
- Body in EN AB44100 aluminium, silicone gaskets; provided with 30 cm-long pre-resined three-pole connection cable H07RN-F. Electronic ballast integrated in the body.
- Power connection to the mains by means of the IP67 connector supplied with the light fixture, which can be housed in the recessing box and is suitable for cables with a diameter from 5 to 13.5 mm.
- Fixing to the recessing box is ensured by means of anti-vandal screws TORX.
- Glass surface temperature lower than 40°C.
- Recessing box for laying in reinforced polymer to be ordered separately.

- Adjustable optics. PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 3 colour temperatures:

  Warm = 3000K
  Neutral = 4000K
  Cold = 6000K
- Screws in AISI 316 stainless steel.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- IP Rating IP65-IP67.
- ENEC approved.
- Insulation class I.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

Orcamo walk-over

Spot optic

Concentrated luminous flow to highlight
details avoiding unwanted light dispersion.

Flood optic

Wide luminous flow suitable for lighting
large areas.

Wall Washer optic

Elliptical distribution of the luminous
flow suitable for wall washer effect.

Tempered glass flush
with the floor

Lighting unit

Recessing box in polymer

Recessed depth 122 mm

Orcamo 150 walk-over

∅ 150
122
∅ 260

Orcamo 150 walk-over Round

Static load 1000Kg
Glass thickness 8 mm
T glass 33 ˚C
Recessing box supplied separately

IP65/67 **IK**09

T411010W00	4 LED	6,3W	3000K	6°
T411010N00	4 LED	6,3W	4000K	6°
T411010C00	4 LED	6,3W	6000K	6°
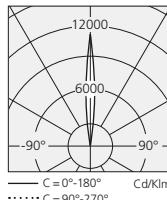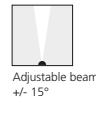
220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 7,9W

H m	ØC0 m	ØC90 m	E lux
3,0	0,28	0,28	1304
2,5	0,24	0,24	1877
2,0	0,19	0,19	2933
1,5	0,14	0,14	5214
1,0	0,09	0,09	11732
0,5	0,05	0,05	46928

C = 0°-180°   Cd/Klm
C = 90°-270°   α=6°

T411039W00	4 LED	6,3W	3000K	32°
T411039N00	4 LED	6,3W	4000K	32°
T411039C00	4 LED	6,3W	6000K	32°
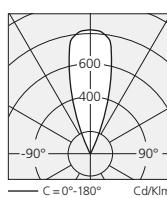
220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 7,9W

H m	ØC0 m	ØC90 m	E lux
3,0	1,79	1,79	93
2,5	1,49	1,49	134
2,0	1,19	1,19	209
1,5	0,89	0,89	371
1,0	0,60	0,60	836
0,5	0,30	0,30	3342

C = 0°-180°   Cd/Klm
C = 90°-270°   α=32°

T4110ELW00	4 LED	6,3W	3000K	6°x45°
T4110ELN00	4 LED	6,3W	4000K	6°x45°
T4110ELC00	4 LED	6,3W	6000K	6°x45°
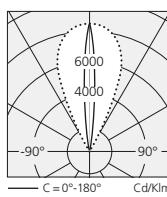
220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 7,9W

H m	ØC0 m	ØC90 m	E lux
3,0	2,67	0,37	263
2,5	2,23	0,31	379
2,0	1,78	0,24	592
1,5	1,34	0,18	1053
1,0	0,89	0,12	2370
0,5	0,45	0,06	9479

C = 0°-180°   Cd/Klm
C = 90°-270°   α=6°x45°

T409913	Recessing box

150
122
∅ 260
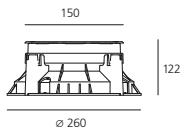
Orcamo 150 walk-over Square

Static load 1000Kg
Glass thickness 8 mm
T glass 33 ˚C
Recessing box supplied separately

IP65/67 **IK**09

T410010W00	4 LED	6,3W	3000K	6°
T410010N00	4 LED	6,3W	4000K	6°
T410010C00	4 LED	6,3W	6000K	6°
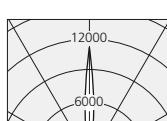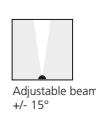
220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 7,9W

H m	ØC0 m	ØC90 m	E lux
3,0	0,28	0,28	1304
2,5	0,24	0,24	1877
2,0	0,19	0,19	2933
1,5	0,14	0,14	5214
1,0	0,09	0,09	11732
0,5	0,05	0,05	46928

C = 0°-180°   Cd/Klm
C = 90°-270°   α=6°

T410039W00	4 LED	6,3W	3000K	32°
T410039N00	4 LED	6,3W	4000K	32°
T410039C00	4 LED	6,3W	6000K	32°
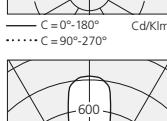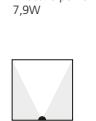
220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 7,9W

H m	ØC0 m	ØC90 m	E lux
3,0	1,79	1,79	93
2,5	1,49	1,49	134
2,0	1,19	1,19	209
1,5	0,89	0,89	371
1,0	0,60	0,60	836
0,5	0,30	0,30	3342

C = 0°-180°   Cd/Klm
C = 90°-270°   α=32°

T4100ELW00	4 LED	6,3W	3000K	6°x45°
T4100ELN00	4 LED	6,3W	4000K	6°x45°
T4100ELC00	4 LED	6,3W	6000K	6°x45°
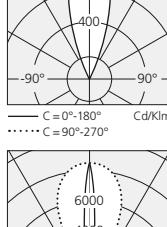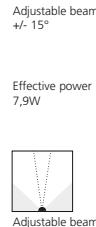
220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 7,9W

H m	ØC0 m	ØC90 m	E lux
3,0	2,67	0,37	263
2,5	2,23	0,31	379
2,0	1,78	0,24	592
1,5	1,34	0,18	1053
1,0	0,89	0,12	2370
0,5	0,45	0,06	9479

C = 0°-180°   Cd/Klm
C = 90°-270°   α=6°x45°

T409914	Recessing box
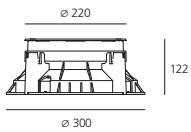
**Orcamo 220 walk-over
Round**

Static load 1000Kg
Glass thickness 8 mm
T glass 40 ˚C
Recessing box supplied
separately

IP65/67 **IK**09

T411110W00	9 LED	13,8W	3000K	6°
T411110N00	9 LED	13,8W	4000K	6°
T411110C00	9 LED	13,8W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
15,9W

H m	ØC0 m	ØC90 m	E lux
3,0	0,32	0,32	1826
2,5	0,27	0,27	2629
2,0	0,22	0,22	4109
1,5	0,16	0,16	7304
1,0	0,11	0,11	16434
0,5	0,05	0,05	65736

— C = 0°-180°
······ C = 90°-270° Cd/Klm   α=6°

T411139W00	9 LED	13,8W	3000K	32°
T411139N00	9 LED	13,8W	4000K	32°
T411139C00	9 LED	13,8W	6000K	32°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
15,9W

H m	ØC0 m	ØC90 m	E lux
3,0	1,89	1,89	179
2,5	1,58	1,58	258
2,0	1,26	1,26	403
1,5	0,95	0,95	716
1,0	0,63	0,63	1611
0,5	0,32	0,32	6444

— C = 0°-180°
······ C = 90°-270° Cd/Klm   α=32°

T4111ELW00	9 LED	13,8W	3000K	6°x45°
T4111ELN00	9 LED	13,8W	4000K	6°x45°
T4111ELC00	9 LED	13,8W	6000K	6°x45°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
15,9W

H m	ØC0 m	ØC90 m	E lux
3,0	2,66	0,38	526
2,5	2,22	0,31	757
2,0	1,77	0,25	1183
1,5	1,33	0,19	2102
1,0	0,89	0,13	4731
0,5	0,44	0,06	18922

— C = 0°-180°
······ C = 90°-270° Cd/Klm   α=6°x45°

T409911	Recessing box
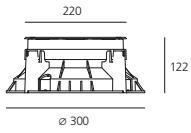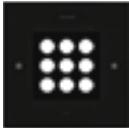
**Orcamo 220 walk-over
Square**

Static load 1000Kg
Glass thickness 8 mm
T glass 40 ˚C
Recessing box supplied
separately

IP65/67 **IK**09

T410110W00	9 LED	13,8W	3000K	6°
T410110N00	9 LED	13,8W	4000K	6°
T410110C00	9 LED	13,8W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
15,9W

H m	ØC0 m	ØC90 m	E lux
3,0	0,32	0,32	1826
2,5	0,27	0,27	2629
2,0	0,22	0,22	4109
1,5	0,16	0,16	7304
1,0	0,11	0,11	16434
0,5	0,05	0,05	65736

— C = 0°-180°
······ C = 90°-270° Cd/Klm   α=6°

T410139W00	9 LED	13,8W	3000K	32°
T410139N00	9 LED	13,8W	4000K	32°
T410139C00	9 LED	13,8W	6000K	32°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
15,9W

H m	ØC0 m	ØC90 m	E lux
3,0	1,89	1,89	179
2,5	1,58	1,58	258
2,0	1,26	1,26	403
1,5	0,95	0,95	716
1,0	0,63	0,63	1611
0,5	0,32	0,32	6444

— C = 0°-180°
······ C = 90°-270° Cd/Klm   α=32°

T4101ELW00	9 LED	13,8W	3000K	6°x45°
T4101ELN00	9 LED	13,8W	4000K	6°x45°
T4101ELC00	**9** LED	13,8W	6000K	6°x45°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
15,9W

H m	ØC0 m	ØC90 m	E lux
3,0	2,66	0,38	526
2,5	2,22	0,31	757
2,0	1,77	0,25	1183
1,5	1,33	0,19	2102
1,0	0,89	0,13	4731
0,5	0,44	0,06	18922

— C = 0°-180°
······ C = 90°-270° Cd/Klm   α=6°x45°

T409912	Recessing box

Orcamo 320 walk-over


ø 320 · 122 · ø 406

Orcamo 320 walk-over Round

Static load 1000Kg
Glass thickness 8 mm
T glass 37˚C
Recessing box supplied separately

IP65/67 **IK**09

| T411410W00	16 LED	23,8W	3000K	6°
T411410N00	16 LED	23,8W	4000K	6°
T411410C00	16 LED	23,8W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +15° -7°

Effective power 27W

H m	ØC0 m	ØC90 m	E lux
3,0	0,29	0,29	4189
2,5	0,24	0,24	6032
2,0	0,20	0,20	9425
1,5	0,15	0,15	16756
1,0	0,10	0,10	37701
0,5	0,05	0,05	150804

C=0°-180° Cd/Klm · C=90°-270° · α=6°

T411439W00	16 LED	23,8W	3000K	32°
T411439W00	16 LED	23,8W	4000K	32°
T411439C00	16 LED	23,8W	6000K	32°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 27W

H m	ØC0 m	ØC90 m	E lux
3,0	1,87	1,87	334
2,5	1,56	1,56	481
2,0	1,25	1,25	752
1,5	0,93	0,93	1336
1,0	0,62	0,62	3006
0,5	0,31	0,31	12025

C=0°-180° Cd/Klm · C=90°-270° · α=32°

T4114ELW00	16 LED	23,8W	3000K	6°x45°
T4114ELN00	16 LED	23,8W	4000K	6°x45°
T4114ELC00	16 LED	23,8W	6000K	6°x45°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 27W

H m	ØC0 m	ØC90 m	E lux
3,0	2,67	0,37	1050
2,5	2,23	0,31	1512
2,0	1,78	0,24	2363
1,5	1,34	0,18	4201
1,0	0,89	0,12	9452
0,5	0,45	0,06	37809

C=0°-180° Cd/Klm · C=90°-270° · α=6°x45°

| T409909		Recessing box

320 · 122 · ø 406
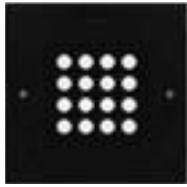
Orcamo 320 walk-over Square

Static load 1000Kg
Glass thickness 8 mm
T glass 37˚C
Recessing box supplied separately

IP65/67 **IK**09

T410410W00	16 LED	23,8W	3000K	6°
T410410N00	16 LED	23,8W	4000K	6°
T410410C00	16 LED	23,8W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +15° -7°

Effective power 27W

H m	ØC0 m	ØC90 m	E lux
3,0	0,29	0,29	4189
2,5	0,24	0,24	6032
2,0	0,20	0,20	9425
1,5	0,15	0,15	16756
1,0	0,10	0,10	37701
0,5	0,05	0,05	150804

C=0°-180° Cd/Klm · C=90°-270° · α=6°

T410439W00	16 LED	23,8W	3000K	32°
T410439N00	16 LED	23,8W	4000K	32°
T410439C00	16 LED	23,8W	6000K	32°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 27W

H m	ØC0 m	ØC90 m	E lux
3,0	1,87	1,87	334
2,5	1,56	1,56	481
2,0	1,25	1,25	752
1,5	0,93	0,93	1336
1,0	0,62	0,62	3006
0,5	0,31	0,31	12025

C=0°-180° Cd/Klm · C=90°-270° · α=32°

T4104ELW00	16 LED	23,8W	3000K	6°x45°
T4104ELN00	16 LED	23,8W	4000K	6°x45°
T4104ELC00	16 LED	23,8W	6000K	6°x45°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 27W

H m	ØC0 m	ØC90 m	E lux
3,0	2,67	0,37	1050
2,5	2,23	0,31	1512
2,0	1,78	0,24	2363
1,5	1,34	0,18	4201
1,0	0,89	0,12	9452
0,5	0,45	0,06	37809

C=0°-180° Cd/Klm · C=90°-270° · α=6°x45°

| T409910		Recessing box

Ego walk-over	2011
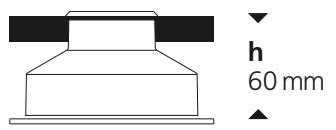
h
60 mm

- Light fixture with high-performance LED light sources.
- Recessed floor installation.
- Walk-over version.
- Low recessed depth (60 mm).
- 4 sizes (55, 90, 150, 220 mm).
- Round and square version.
- Composed by body, frame, black silkscreened tempered glass, recessing box.
- Body in EN AB44100 aluminium, silicone gaskets; provided with 30 cm-long pre-resined two-pole connection cable H05RN-F.
- Frame in aluminium or stainless steel.
- Power connection to the mains by means of remote ballast.
- Fixing to the recessing box is ensured by means of anti-vandal screws TORX.
- Glass surface temperature lower than 40°C.

- Recessing box for laying in reinforced polymer, can be ordered separately.
- Fixed optics. PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 3 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
  Cold = 6000K
- Screws in AISI 316 stainless steel.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- IP Rating IP65-IP67.
- Insulation class III.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

Spot optic

Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

Flood optic

Wide luminous flow suitable for lighting large areas.

Wall Washer optic

Elliptical distribution of the luminous flow suitable for wall washer effect.

Round or square frame in aluminium or stainless steel.
Silkscreened tempered glass.

Electronic ballast supplied separately

Lighting unit

Recessing box in polymer

Recessed depth 60mm

ø 55

60

ø 122

Ego 55 walk-over
Round aluminium

Painted aluminium ring
(3mm)
Static load 1000 Kg
Glass thickness 8 mm
T glass 36° C
Electronic ballast supplied
separately
Recessing box supplied
separately

IP65/67 **IK**10

Code				
NL4000010K002	1 LED	1W	3000K	11°
NL4000010W002	1 LED	1W	4000K	11°
NL4000010Z002	1 LED	1W	6000K	11°
350mA electronic ballast				

Fixed beam

Effective power 1,4W

H m	ØC0 m	ØC90 m	E lux
3,0	0,67	0,67	90
2,5	0,56	0,56	129
2,0	0,45	0,45	202
1,5	0,34	0,34	358
1,0	0,22	0,22	807
0,5	0,11	0,11	3226

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 11°

Code				
NL4000039K002	1 LED	1W	3000K	30°
NL4000039W002	1 LED	1W	4000K	30°
NL4000039Z002	1 LED	1W	6000K	30°
350mA electronic ballast				

Fixed beam

Effective power 1,4W

H m	ØC0 m	ØC90 m	E lux
3,0	1,61	1,61	23
2,5	1,34	1,34	33
2,0	1,07	1,07	52
1,5	0,80	0,80	93
1,0	0,54	0,54	208
0,5	0,27	0,27	833

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 30°

Code				
NL40000ELK002	1 LED	1W	3000K	12°x36°
NL40000ELW002	1 LED	1W	4000K	12°x36°
NL40000ELZ002	1 LED	1W	6000K	12°x36°
350mA electronic ballast				

Fixed beam

Effective power 1,4W

H m	ØC0 m	ØC90 m	E lux
3,0	0,78	1,52	42
2,5	0,65	1,27	61
2,0	0,52	1,01	95
1,5	0,39	0,76	169
1,0	0,26	0,51	381
0,5	0,13	0,25	1552

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 12°x36°

Code					
NL40021H0	Recessing box				
NL11022	Ballast	5W	350mA	IP67	1 max
NL19019	Ballast	13W	350mA	IP67	3 max

ø 55

60

ø 122

Ego 55 walk-over
Round steel

AISI 316 stainless steel ring
(3mm)
Static load 1000 Kg
Glass thickness 8 mm
T glass 36° C
Electronic ballast supplied
separately
Recessing box supplied
separately

IP65/67 **IK**10

Code				
NL4000210K001	1 LED	1W	3000K	11°
NL4000210W001	1 LED	1W	4000K	11°
NL4000210Z001	1 LED	1W	6000K	11°
350mA electronic ballast				

Fixed beam

Effective power 1,4W

H m	ØC0 m	ØC90 m	E lux
3,0	0,67	0,67	90
2,5	0,56	0,56	129
2,0	0,45	0,45	202
1,5	0,34	0,34	358
1,0	0,22	0,22	807
0,5	0,11	0,11	3226

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 11°

Code				
NL4000239K001	1 LED	1W	3000K	30°
NL4000239W001	1 LED	1W	4000K	30°
NL4000239Z001	1 LED	1W	6000K	30°
350mA electronic ballast				

Fixed beam

Effective power 1,4W

H m	ØC0 m	ØC90 m	E lux
3,0	1,61	1,61	23
2,5	1,34	1,34	33
2,0	1,07	1,07	52
1,5	0,80	0,80	93
1,0	0,54	0,54	208
0,5	0,27	0,27	833

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 30°

Code				
NL40002ELK001	1 LED	1W	3000K	12°x36°
NL40002ELW001	1 LED	1W	4000K	12°x36°
NL40002ELZ001	1 LED	1W	6000K	12°x36°
350mA electronic ballast				

Fixed beam

Effective power 1,4W

H m	ØC0 m	ØC90 m	E lux
3,0	0,78	1,52	42
2,5	0,65	1,27	61
2,0	0,52	1,01	95
1,5	0,39	0,76	169
1,0	0,26	0,51	381
0,5	0,13	0,25	1552

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 12°x36°

| Code					
NL40021H0	Recessing box				
NL11022	Ballast	5W	350mA	IP67	1-3 LED
NL19019	Ballast	13W	350mA	IP67	2-9 LED

Ego 55 walk-over
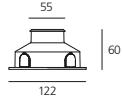
Ego 55 walk-over
Square aluminium

Painted aluminium ring
(3mm)
Static load 1000 Kg
Glass thickness 8 mm
T glass 36° C
Electronic ballast supplied
separately
Recessing box supplied
separately

IP65/67 **IK**10

NL4000110K002	1 LED	1W	3000K	11°
NL4000110W002	1 LED	1W	4000K	11°
NL4000110Z002	1 LED	1W	6000K	11°
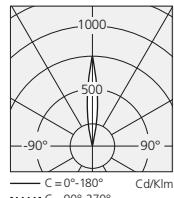
350mA electronic ballast

Fixed beam

Effective power
1,4W

H m	ØC0 m	ØC90 m	E lux
3,0	0,67	0,67	90
2,5	0,56	0,56	129
2,0	0,45	0,45	202
1,5	0,34	0,34	358
1,0	0,22	0,22	807
0,5	0,11	0,11	3226

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 11°

NL4000139K002	1 LED	1W	3000K	30°
NL4000139W002	1 LED	1W	4000K	30°
NL4000139Z002	1 LED	1W	6000K	30°
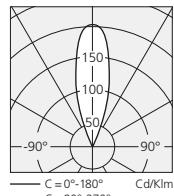
350mA electronic ballast

Fixed beam

Effective power
1,4W

H m	ØC0 m	ØC90 m	E lux
3,0	1,61	1,61	23
2,5	1,34	1,34	33
2,0	1,07	1,07	52
1,5	0,80	0,80	93
1,0	0,54	0,54	208
0,5	0,27	0,27	833

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 30°

NL40001ELK002	1 LED	1W	3000K	12°x36°
NL40001ELW002	1 LED	1W	4000K	12°x36°
NL40001ELZ002	1 LED	1W	6000K	12°x36°

350mA electronic ballast

Fixed beam

Effective power
1,4W

H m	ØC0 m	ØC90 m	E lux
3,0	0,78	1,52	42
2,5	0,65	1,27	61
2,0	0,52	1,01	95
1,5	0,39	0,76	169
1,0	0,26	0,51	381
0,5	0,13	0,25	1552

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 12°x36°

|					
NL40021H0	Recessing box				
NL11022	Ballast	5W	350mA	IP67	1 max
NL19019	Ballast	13W	350mA	IP67	3 max

Ego 55 walk-over
Square steel

AISI 316 stainless steel ring
(3mm)
Static load 1000 Kg
Glass thickness 8 mm
T glass 36° C
Electronic ballast supplied
separately
Recessing box supplied
separately

IP65/67 **IK**10

NL4000310K001	1 LED	1W	3000K	11°
NL4000310W001	1 LED	1W	4000K	11°
NL4000310Z001	1 LED	1W	6000K	11°
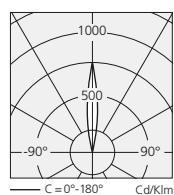
350mA electronic ballast

Fixed beam

Effective power
1,4W

H m	ØC0 m	ØC90 m	E lux
3,0	0,67	0,67	90
2,5	0,56	0,56	129
2,0	0,45	0,45	202
1,5	0,34	0,34	358
1,0	0,22	0,22	807
0,5	0,11	0,11	3226

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 11°

NL4000339K001	1 LED	1W	3000K	30°
NL4000339W001	1 LED	1W	4000K	30°
NL4000339Z001	1 LED	1W	6000K	30°
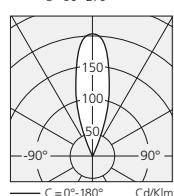
350mA electronic ballast

Fixed beam

Effective power
1,4W

H m	ØC0 m	ØC90 m	E lux
3,0	1,61	1,61	23
2,5	1,34	1,34	33
2,0	1,07	1,07	52
1,5	0,80	0,80	93
1,0	0,54	0,54	208
0,5	0,27	0,27	833

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 30°

NL40003ELK001	1 LED	1W	3000K	12°x36°
NL40003ELW001	1 LED	1W	4000K	12°x36°
NL40003ELZ001	1 LED	1W	6000K	12°x36°

350mA electronic ballast

Fixed beam

Effective power
1,4W

H m	ØC0 m	ØC90 m	E lux
3,0	0,78	1,52	42
2,5	0,65	1,27	61
2,0	0,52	1,01	95
1,5	0,39	0,76	169
1,0	0,26	0,51	381
0,5	0,13	0,25	1552

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 12°x36°

NL40021H0	Recessing box				
NL11022	Ballast	5W	350mA	IP67	1 max
NL19019	Ballast	13W	350mA	IP67	3 max

∅ 90

60

∅ 150

**Ego 90 walk-over
Round aluminium**

Painted aluminium ring
(3mm)
Static load 1000 Kg
Glass thickness 10 mm
T glass 36° C
Electronic ballast supplied
separately
Recessing box supplied
separately

IP65/67 **IK**10

NL4000410K002	3 LED	3,3W	3000K	10°
NL4000410W002	3 LED	3,3W	4000K	10°
NL4000410Z002	3 LED	3,3W	6000K	10°

350mA electronic ballast

Fixed beam

Effective power
4,1W

H m	∅ C0 m	∅ C90 m	E lux
3,0	0,68	0,68	47
2,5	0,57	0,57	68
2,0	0,46	0,46	106
1,5	0,34	0,34	188
1,0	0,23	0,23	423
0,5	0,11	0,11	1693

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 10°
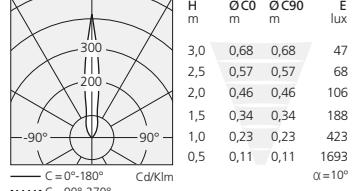
NL4000439K002	3 LED	3,3W	3000K	25°
NL4000439W002	3 LED	3,3W	4000K	25°
NL4000439Z002	3 LED	3,3W	6000K	25°

350mA electronic ballast

Fixed beam

Effective power
4,1W

H m	∅ C0 m	∅ C90 m	E lux
3,0	1,72	1,72	26
2,5	1,43	1,43	38
2,0	1,15	1,15	59
1,5	0,86	0,86	104
1,0	0,57	0,57	235
0,5	0,29	0,29	939

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 25°
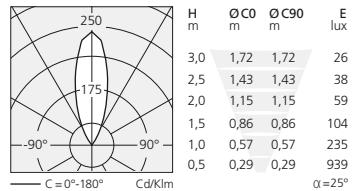
NL40004ELK002	3 LED	3,3W	3000K	35°
NL40004ELW002	3 LED	3,3W	4000K	35°
NL40004ELZ002	3 LED	3,3W	6000K	35°
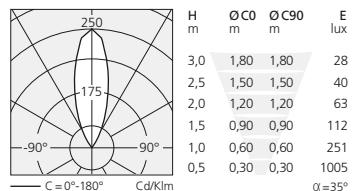
350mA electronic ballast

Fixed beam

Effective power
4,1W

H m	∅ C0 m	∅ C90 m	E lux
3,0	1,80	1,80	28
2,5	1,50	1,50	40
2,0	1,20	1,20	63
1,5	0,90	0,90	112
1,0	0,60	0,60	251
0,5	0,30	0,30	1005

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 35°

NL40022H0	Recessing box				
NL11022	Ballast	5W	350mA	IP67	1 max
NL19019	Ballast	13W	350mA	IP67	3 max

∅ 90

60

∅ 150
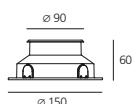
**Ego 90 walk-over
Round steel**

AISI 316 stainless steel ring
(3mm)
Static load 1000 Kg
Glass thickness 10 mm
T glass 36° C
Electronic ballast supplied
separately
Recessing box supplied
separately

IP65/67 **IK**10

NL4000610K001	3 LED	3,3W	3000K	10°
NL4000610W001	3 LED	3,3W	4000K	10°
NL4000610Z001	3 LED	3,3W	6000K	10°

350mA electronic ballast

Fixed beam

Effective power
4,1W

H m	∅ C0 m	∅ C90 m	E lux
3,0	0,68	0,68	47
2,5	0,57	0,57	68
2,0	0,46	0,46	106
1,5	0,34	0,34	188
1,0	0,23	0,23	423
0,5	0,11	0,11	1693

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 10°
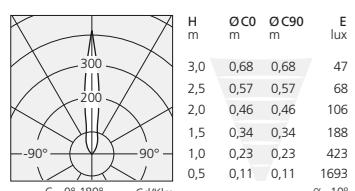
NL4000639K001	3 LED	3,3W	3000K	25°
NL4000639W001	3 LED	3,3W	4000K	25°
NL4000639Z001	3 LED	3,3W	6000K	25°

350mA electronic ballast

Fixed beam

Effective power
4,1W

H m	∅ C0 m	∅ C90 m	E lux
3,0	1,72	1,72	26
2,5	1,43	1,43	38
2,0	1,15	1,15	59
1,5	0,86	0,86	104
1,0	0,57	0,57	235
0,5	0,29	0,29	939

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 25°
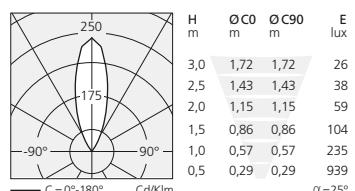
NL40006ELK001	3 LED	3,3W	3000K	35°
NL40006ELW001	3 LED	3,3W	4000K	35°
NL40006ELZ001	3 LED	3,3W	6000K	35°
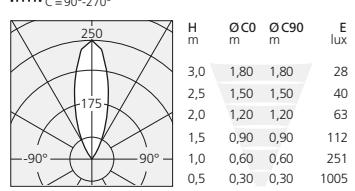
350mA electronic ballast

Fixed beam

Effective power
4,1W

H m	∅ C0 m	∅ C90 m	E lux
3,0	1,80	1,80	28
2,5	1,50	1,50	40
2,0	1,20	1,20	63
1,5	0,90	0,90	112
1,0	0,60	0,60	251
0,5	0,30	0,30	1005

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 35°

| NL40022H0	Recessing box				
NL11022	Ballast	5W	350mA	IP67	1 max
NL19019	Ballast	13W	350mA	IP67	3 max
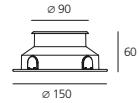
Ego 90 walk-over

**Ego 90 walk-over
Square aluminium**

Painted aluminium ring
(3mm)
Static load 1000 Kg
T glass 36° C
Electronic ballast supplied
separately
Recessing box supplied
separately

IP65/67 **IK**10

Code	LED	Power	Temp	Beam
NL4000510K002	3 LED	3,3W	3000K	10°
NL4000510W002	3 LED	3,3W	4000K	10°
NL4000510Z002	3 LED	3,3W	6000K	10°

350mA electronic ballast

Fixed beam

Effective power
4,1W

H m	Ø C0 m	Ø C90 m	E lux
3,0	0,68	0,68	47
2,5	0,57	0,57	68
2,0	0,46	0,46	106
1,5	0,34	0,34	188
1,0	0,23	0,23	423
0,5	0,11	0,11	1693

— C = 0°-180°   Cd/Klm
····· C = 90°-270°   α = 10°
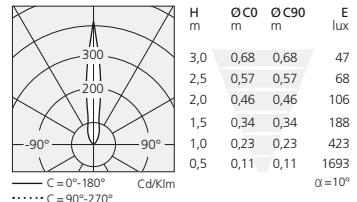
Code	LED	Power	Temp	Beam
NL4000539K002	3 LED	3,3W	3000K	25°
NL4000539W002	3 LED	3,3W	4000K	25°
NL4000539Z002	3 LED	3,3W	6000K	25°

350mA electronic ballast

Fixed beam

Effective power
4,1W

H m	Ø C0 m	Ø C90 m	E lux
3,0	1,72	1,72	26
2,5	1,43	1,43	38
2,0	1,15	1,15	59
1,5	0,86	0,86	104
1,0	0,57	0,57	235
0,5	0,29	0,29	939

— C = 0°-180°   Cd/Klm
····· C = 90°-270°   α = 25°
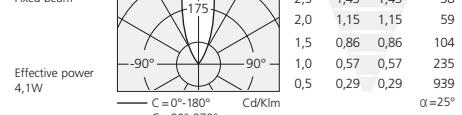
Code	LED	Power	Temp	Beam
NL40005ELK002	3 LED	3,3W	3000K	35°
NL40005ELW002	3 LED	3,3W	4000K	35°
NL40005ELZ002	3 LED	3,3W	6000K	35°
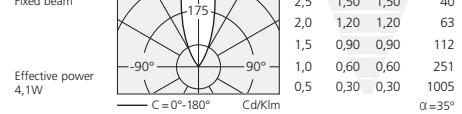
350mA electronic ballast

Fixed beam

Effective power
4,1W

H m	Ø C0 m	Ø C90 m	E lux
3,0	1,80	1,80	28
2,5	1,50	1,50	40
2,0	1,20	1,20	63
1,5	0,90	0,90	112
1,0	0,60	0,60	251
0,5	0,30	0,30	1005

— C = 0°-180°   Cd/Klm
····· C = 90°-270°   α = 35°

| Code	Type	Power	Current	IP	
NL40022H0	Recessing box				
NL11022	Ballast	5W	350mA	IP67	1 max
NL19019	Ballast	13W	350mA	IP67	3 max

**Ego 90 walk-over
Square steel**
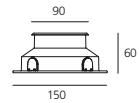
AISI 316 stainless steel ring
(3mm)
Static load 1000 Kg
Glass thickness 10 mm
T glass 36° C
Electronic ballast supplied
separately
Recessing box supplied
separately

IP65/67 **IK**10

Code	LED	Power	Temp	Beam
NL4000710K001	3 LED	3,3W	3000K	10°
NL4000710W001	3 LED	3,3W	4000K	10°
NL4000710Z001	3 LED	3,3W	6000K	10°

350mA electronic ballast

Fixed beam

Effective power
4,1W

H m	Ø C0 m	Ø C90 m	E lux
3,0	0,68	0,68	47
2,5	0,57	0,57	68
2,0	0,46	0,46	106
1,5	0,34	0,34	188
1,0	0,23	0,23	423
0,5	0,11	0,11	1693

— C = 0°-180°   Cd/Klm
····· C = 90°-270°   α = 10°
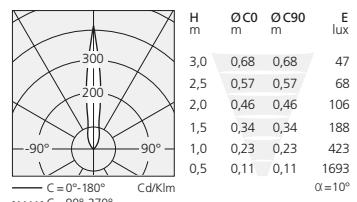
Code	LED	Power	Temp	Beam
NL4000739K001	3 LED	3,3W	3000K	25°
NL4000739W001	3 LED	3,3W	4000K	25°
NL4000739Z001	3 LED	3,3W	6000K	25°

350mA electronic ballast

Fixed beam

Effective power
4,1W

H m	Ø C0 m	Ø C90 m	E lux
3,0	1,72	1,72	26
2,5	1,43	1,43	38
2,0	1,15	1,15	59
1,5	0,86	0,86	104
1,0	0,57	0,57	235
0,5	0,29	0,29	939

— C = 0°-180°   Cd/Klm
····· C = 90°-270°   α = 25°
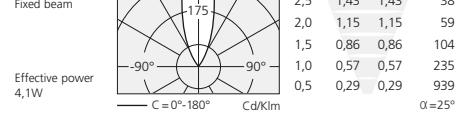
Code	LED	Power	Temp	Beam
NL40007ELK001	3 LED	3,3W	3000K	35°
NL40007ELW001	3 LED	3,3W	4000K	35°
NL40007ELZ001	3 LED	3,3W	6000K	35°
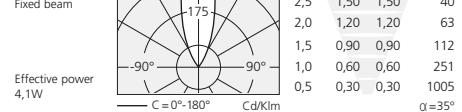
350mA electronic ballast

Fixed beam

Effective power
4,1W

H m	Ø C0 m	Ø C90 m	E lux
3,0	1,80	1,80	28
2,5	1,50	1,50	40
2,0	1,20	1,20	63
1,5	0,90	0,90	112
1,0	0,60	0,60	251
0,5	0,30	0,30	1005

— C = 0°-180°   Cd/Klm
····· C = 90°-270°   α = 35°

Code	Type	Power	Current	IP	
NL40022H0	Recessing box				
NL11022	Ballast	5W	350mA	IP67	1 max
NL19019	Ballast	13W	350mA	IP67	3 max

ø 90
60
ø 150

90
60
150
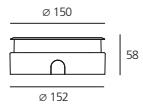
Ego 150 walk-over

Ego 150 walk-over
Round aluminium

Painted aluminium ring
(3mm)
Static load 1000 Kg
Glass thickness 8 mm
T glass 36° C
Electronic ballast supplied
separately
Recessing box supplied
separately

IP65/67 **IK**10

NL4000810K002	4 LED	6,3W	3000K	6°	
NL4000810W002	4 LED	6,3W	4000K	6°	
NL4000810Z002	4 LED	6,3W	6000K	6°	
500mA electronic ballast					

Fixed beam

Effective power
7,9W

H m	Ø C0 m	Ø C90 m	E lux
3,0	0,28	0,28	1304
2,5	0,24	0,24	1877
2,0	0,19	0,19	2933
1,5	0,14	0,14	5214
1,0	0,09	0,09	11732
0,5	0,05	0,05	46928
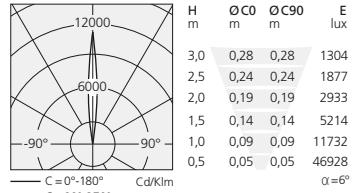
—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 6°

NL4000839K002	4 LED	6,3W	3000K	32°	
NL4000839W002	4 LED	6,3W	4000K	32°	
NL4000839Z002	4 LED	6,3W	6000K	32°	
500mA electronic ballast					

Fixed beam

Effective power
7,9W

H m	Ø C0 m	Ø C90 m	E lux
3,0	1,79	1,79	93
2,5	1,49	1,49	134
2,0	1,19	1,19	209
1,5	0,89	0,89	371
1,0	0,60	0,60	836
0,5	0,30	0,30	3342
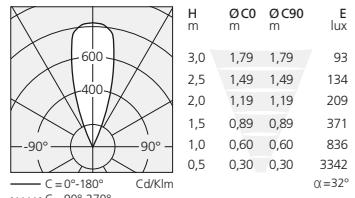
—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 32°

NL40008ELK002	4 LED	6,3W	3000K	6°x45°	
NL40008ELW002	4 LED	6,3W	4000K	6°x45°	
NL40008ELZ002	4 LED	6,3W	6000K	6°x45°	
500mA electronic ballast					

Fixed beam

Effective power
7,9W

H m	Ø C0 m	Ø C90 m	E lux
3,0	2,67	0,37	263
2,5	2,23	0,31	379
2,0	1,78	0,24	592
1,5	1,34	0,18	1053
1,0	0,89	0,12	2370
0,5	0,45	0,06	9479

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 6°x45°
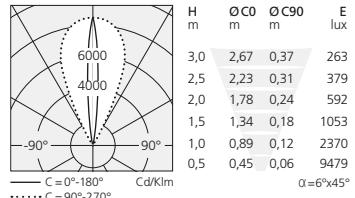
NL40025H0	Recessing box				
NL19022	Ballast	14W	500mA	IP67	1 max
NL19026	Ballast	18W	500mA	IP67	2 max
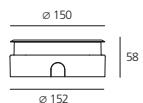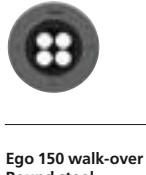
Ego 150 walk-over
Round steel

AISI 316 stainless steel ring
(3mm)
Static load 1000 Kg
Glass thickness 8 mm
T glass 36° C
Electronic ballast supplied
separately
Recessing box supplied
separately

IP65/67 **IK**10

NL4001010K001	4 LED	6,3W	3000K	6°	
NL4001010W001	4 LED	6,3W	4000K	6°	
NL4001010Z001	4 LED	6,3W	6000K	6°	
500mA electronic ballast					

Fixed beam

Effective power
7,9W

H m	Ø C0 m	Ø C90 m	E lux
3,0	0,28	0,28	1304
2,5	0,24	0,24	1877
2,0	0,19	0,19	2933
1,5	0,14	0,14	5214
1,0	0,09	0,09	11732
0,5	0,05	0,05	46928
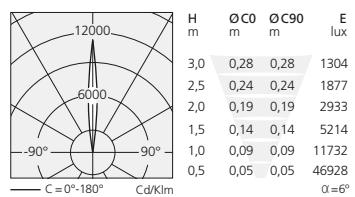
—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 6°

NL4001039K001	4 LED	6,3W	3000K	32°	
NL4001039W001	4 LED	6,3W	4000K	32°	
NL4001039Z001	4 LED	6,3W	6000K	32°	
500mA electronic ballast					

Fixed beam

Effective power
7,9W

H m	Ø C0 m	Ø C90 m	E lux
3,0	1,79	1,79	93
2,5	1,49	1,49	134
2,0	1,19	1,19	209
1,5	0,89	0,89	371
1,0	0,60	0,60	836
0,5	0,30	0,30	3342
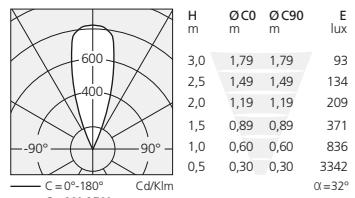
—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 32°

NL40010ELK001	4 LED	6,3W	3000K	6°x45°	
NL40010ELW001	4 LED	6,3W	4000K	6°x45°	
NL40010ELZ001	4 LED	6,3W	6000K	6°x45°	
500mA electronic ballast					
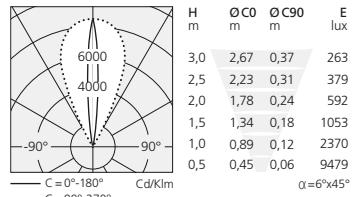
Fixed beam

Effective power
7,9W

H m	Ø C0 m	Ø C90 m	E lux
3,0	2,67	0,37	263
2,5	2,23	0,31	379
2,0	1,78	0,24	592
1,5	1,34	0,18	1053
1,0	0,89	0,12	2370
0,5	0,45	0,06	9479

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 6°x45°

NL40025H0	Recessing box				
NL19022	Ballast	14W	500mA	IP67	1 max
NL19026	Ballast	18W	500mA	IP67	2 max

Ego 150 walk-over

∅ 150
58
∅ 152
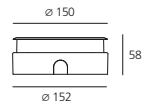
Ego 150 walk-over Square aluminium

Painted aluminium ring (3mm)
Static load 1000 Kg
Glass thickness 8 mm
T glass 36° C
Electronic ballast supplied separately
Recessing box supplied separately

IP65/67 **IK**10

| NL4000910K002	4 LED	6,3W	3000K	6°
NL4000910W002	4 LED	6,3W	4000K	6°
NL4000910Z002	4 LED	6,3W	6000K	6°
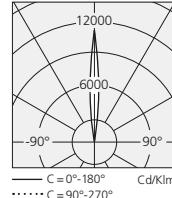
500mA electronic ballast

Fixed beam

Effective power 7,9W

H m	∅C0 m	∅C90 m	E lux
3,0	0,28	0,28	1304
2,5	0,24	0,24	1877
2,0	0,19	0,19	2933
1,5	0,14	0,14	5214
1,0	0,09	0,09	11732
0,5	0,05	0,05	46928

C=0°-180°
C=90°-270°
Cd/Klm
α=6°

NL4000939K002	4 LED	6,3W	3000K	32°
NL4000939W002	4 LED	6,3W	4000K	32°
NL4000939Z002	4 LED	6,3W	6000K	32°
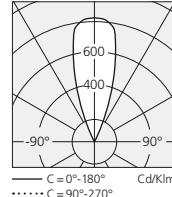
500mA electronic ballast

Fixed beam

Effective power 7,9W

H m	∅C0 m	∅C90 m	E lux
3,0	1,79	1,79	93
2,5	1,49	1,49	134
2,0	1,19	1,19	209
1,5	0,89	0,89	371
1,0	0,60	0,60	836
0,5	0,30	0,30	3342

C=0°-180°
C=90°-270°
Cd/Klm
α=32°

NL40009ELK002	4 LED	6,3W	3000K	6°x45°
NL40009ELW002	4 LED	6,3W	4000K	6°x45°
NL40009ELZ002	4 LED	6,3W	6000K	6°x45°

500mA electronic ballast

Fixed beam

Effective power 7,9W

H m	∅C0 m	∅C90 m	E lux
3,0	2,67	0,37	263
2,5	2,23	0,31	379
2,0	1,78	0,24	592
1,5	1,34	0,18	1053
1,0	0,89	0,12	2370
0,5	0,45	0,06	9479

C=0°-180°
C=90°-270°
Cd/Klm
α=6°x45°

NL40023H0	Recessing box			
NL19022	Ballast	14W 500mA	IP67	1 max
NL19026	Ballast	18W 500mA	IP67	2 max

150
58
152
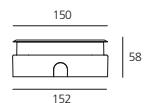
Ego 150 walk-over Square steel

AISI 316 stainless steel ring (3mm)
Static load 1000 Kg
Glass thickness 10 mm
T glass 36° C
Electronic ballast supplied separately
Recessing box supplied separately

IP65/67 **IK**10

NL4001110K001	4 LED	6,3W	3000K	6°
NL4001110W001	4 LED	6,3W	4000K	6°
NL4001110Z001	4 LED	6,3W	6000K	6°
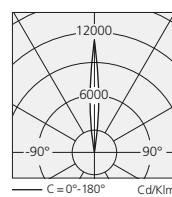
500mA electronic ballast

Fixed beam

Effective power 7,9W

H m	∅C0 m	∅C90 m	E lux
3,0	0,28	0,28	1304
2,5	0,24	0,24	1877
2,0	0,19	0,19	2933
1,5	0,14	0,14	5214
1,0	0,09	0,09	11732
0,5	0,05	0,05	46928

C=0°-180°
C=90°-270°
Cd/Klm
α=6°

NL4001139K001	4 LED	6,3W	3000K	32°
NL4001139W001	4 LED	6,3W	4000K	32°
NL4001139Z001	4 LED	6,3W	6000K	32°
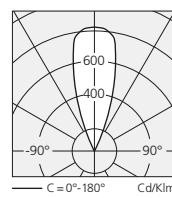
500mA electronic ballast

Fixed beam

Effective power 7,9W

H m	∅C0 m	∅C90 m	E lux
3,0	1,79	1,79	93
2,5	1,49	1,49	134
2,0	1,19	1,19	209
1,5	0,89	0,89	371
1,0	0,60	0,60	836
0,5	0,30	0,30	3342

C=0°-180°
C=90°-270°
Cd/Klm
α=32°

NL40011ELK001	4 LED	6,3W	3000K	6°x45°
NL40011ELW001	4 LED	6,3W	4000K	6°x45°
NL40011ELZ001	4 LED	6,3W	6000K	6°x45°
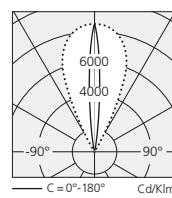
500mA electronic ballast

Fixed beam

Effective power 7,9W

H m	∅C0 m	∅C90 m	E lux
3,0	2,67	0,37	263
2,5	2,23	0,31	379
2,0	1,78	0,24	592
1,5	1,34	0,18	1053
1,0	0,89	0,12	2370
0,5	0,45	0,06	9479

C=0°-180°
C=90°-270°
Cd/Klm
α=6°x45°

NL40023H0	Recessing box			
NL19022	Ballast	14W 500mA	IP67	1 max
NL19026	Ballast	18W 500mA	IP67	2 max

Ego 220 walk-over
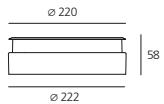
ø 220
58
ø 222

Ego 220 walk-over
Round aluminium

Painted aluminium ring
(3mm)
Static load 1000 Kg
Glass thickness 8 mm
T glass 36° C
Electronic ballast supplied
separately
Recessing box supplied
separately

IP65/67 **IK**10

Code	LED	Power	Temp	Beam
NL4001210K002	9 LED	13,8W	3000K	6°
NL4001210W002	9 LED	13,8W	4000K	6°
NL4001210Z002	9 LED	13,8W	6000K	6°

500mA electronic ballast

Fixed beam

Effective power
15,9W

H m	ØC0 m	ØC90 m	E lux
3,0	0,32	0,32	1826
2,5	0,27	0,27	2629
2,0	0,22	0,22	4109
1,5	0,16	0,16	7304
1,0	0,11	0,11	16434
0,5	0,05	0,05	65736

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 6°
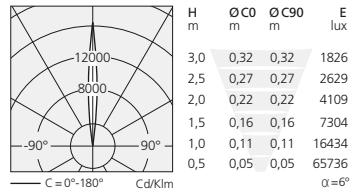
Code	LED	Power	Temp	Beam
NL4001239K002	9 LED	13,8W	3000K	32°
NL4001239W002	9 LED	13,8W	4000K	32°
NL4001239Z002	9 LED	13,8W	6000K	32°

500mA electronic ballast

Fixed beam

Effective power
15,9W

H m	ØC0 m	ØC90 m	E lux
3,0	1,89	1,89	179
2,5	1,58	1,58	258
2,0	1,26	1,26	403
1,5	0,95	0,95	716
1,0	0,63	0,63	1611
0,5	0,32	0,32	6444

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 32°
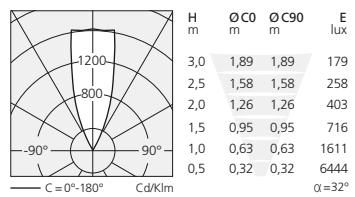
Code	LED	Power	Temp	Beam
NL40012ELK002	9 LED	13,8W	3000K	6°x45°
NL40012ELW002	9 LED	13,8W	4000K	6°x45°
NL40012ELZ002	9 LED	13,8W	6000K	6°x45°
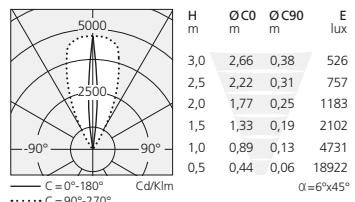
500mA electronic ballast

Fixed beam

Effective power
15,9W

H m	ØC0 m	ØC90 m	E lux
3,0	2,66	0,38	526
2,5	2,22	0,31	757
2,0	1,77	0,25	1183
1,5	1,33	0,19	2102
1,0	0,89	0,13	4731
0,5	0,44	0,06	18922

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 6°x45°

NL40026H0	Recessing box				
NL19026	Ballast	18W	500mA	IP67	1 max

ø 220
58
ø 222

Ego 220 walk-over
Round steel
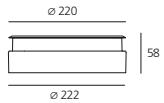
AISI 316 stainless steel ring
(3mm)
Static load 1000 Kg
Glass thickness 8 mm
T glass 36° C
Electronic ballast supplied
separately
Recessing box supplied
separately

IP65/67 **IK**10

Code	LED	Power	Temp	Beam
NL4001410K001	9 LED	13,8W	3000K	6°
NL4001410W001	9 LED	13,8W	4000K	6°
NL4001410Z001	9 LED	13,8W	6000K	6°

500mA electronic ballast

Fixed beam

Effective power
15,9W

H m	ØC0 m	ØC90 m	E lux
3,0	0,32	0,32	1826
2,5	0,27	0,27	2629
2,0	0,22	0,22	4109
1,5	0,16	0,16	7304
1,0	0,11	0,11	16434
0,5	0,05	0,05	65736

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 6°
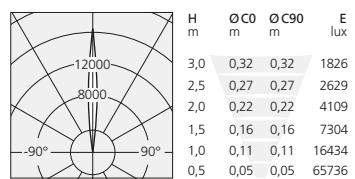
Code	LED	Power	Temp	Beam
NL4001439K001	9 LED	13,8W	3000K	32°
NL4001439W001	9 LED	13,8W	4000K	32°
NL4001439Z001	9 LED	13,8W	6000K	32°

500mA electronic ballast

Fixed beam

Effective power
15,9W

H m	ØC0 m	ØC90 m	E lux
3,0	1,89	1,89	179
2,5	1,58	1,58	258
2,0	1,26	1,26	403
1,5	0,95	0,95	716
1,0	0,63	0,63	1611
0,5	0,32	0,32	6444

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 32°
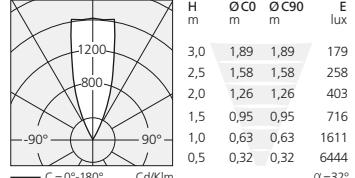
Code	LED	Power	Temp	Beam
NL40014ELK001	9 LED	13,8W	3000K	6°x45°
NL40014ELW001	9 LED	13,8W	4000K	6°x45°
NL40014ELZ001	9 LED	13,8W	6000K	6°x45°
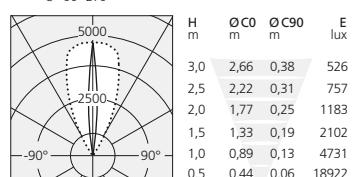
500mA electronic ballast

Fixed beam

Effective power
15,9W

H m	ØC0 m	ØC90 m	E lux
3,0	2,66	0,38	526
2,5	2,22	0,31	757
2,0	1,77	0,25	1183
1,5	1,33	0,19	2102
1,0	0,89	0,13	4731
0,5	0,44	0,06	18922

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 6°x45°

NL40026H0	Recessing box				
NL19026	Ballast	18W	500mA	IP67	1 max

Ego 220 walk-over

⌀ 220
58
⌀ 222
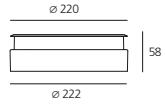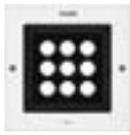
Ego 220 walk-over
Square aluminium

Painted aluminium ring (3mm)
Static load 1000 Kg
Glass thickness 8 mm
T glass 36° C
Electronic ballast supplied separately
Recessing box supplied separately

IP65/67 **IK**10

NL4001310K002	9 LED	13,8W	3000K	6°	
NL4001310W002	9 LED	13,8W	4000K	6°	
NL4001310Z002	9 LED	13,8W	6000K	6°	
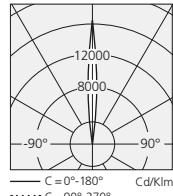
500mA electronic ballast

Fixed beam

Effective power 15,9W

H m	⌀C0 m	⌀C90 m	E lux
3,0	0,32	0,32	1826
2,5	0,27	0,27	2629
2,0	0,22	0,22	4109
1,5	0,16	0,16	7304
1,0	0,11	0,11	16434
0,5	0,05	0,05	65736

— C=0°-180° Cd/Klm
······ C=90°-270°   α=6°

NL4001339K002	9 LED	13,8W	3000K	32°	
NL4001339W002	9 LED	13,8W	4000K	32°	
NL4001339Z002	9 LED	13,8W	6000K	32°	
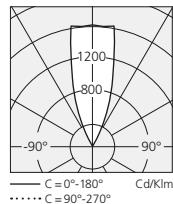
500mA electronic ballast

Fixed beam

Effective power 15,9W

H m	⌀C0 m	⌀C90 m	E lux
3,0	1,89	1,89	179
2,5	1,58	1,58	258
2,0	1,26	1,26	403
1,5	0,95	0,95	716
1,0	0,63	0,63	1611
0,5	0,32	0,32	6444

— C=0°-180° Cd/Klm
······ C=90°-270°   α=32°

NL40013ELK002	9 LED	13,8W	3000K	6°x45°	
NL40013ELW002	9 LED	13,8W	4000K	6°x45°	
NL40013ELZ002	9 LED	13,8W	6000K	6°x45°	

500mA electronic ballast

Fixed beam

Effective power 15,9W

H m	⌀C0 m	⌀C90 m	E lux
3,0	2,66	0,38	526
2,5	2,22	0,31	757
2,0	1,77	0,25	1183
1,5	1,33	0,19	2102
1,0	0,89	0,13	4731
0,5	0,44	0,06	18922

— C=0°-180° Cd/Klm
······ C=90°-270°   α=6°x45°

NL40024H0	Recessing box			
NL19026	Ballast	18W 500mA	IP67	1 max

220
58
222
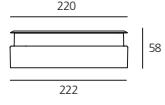
Ego 220 walk-over
Square steel

AISI 316 stainless steel ring (3mm)
Static load 1000 Kg
Glass thickness 8 mm
T glass 36° C
Electronic ballast supplied separately
Recessing box supplied separately

IP65/67 **IK**10

NL4001510K001	9 LED	13,8W	3000K	6°	
NL4001510W001	9 LED	13,8W	4000K	6°	
NL4001510Z001	9 LED	13,8W	6000K	6°	
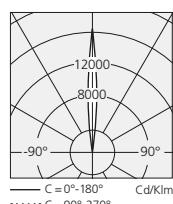
500mA electronic ballast

Fixed beam

Effective power 15,9W

H m	⌀C0 m	⌀C90 m	E lux
3,0	0,32	0,32	1826
2,5	0,27	0,27	2629
2,0	0,22	0,22	4109
1,5	0,16	0,16	7304
1,0	0,11	0,11	16434
0,5	0,05	0,05	65736

— C=0°-180° Cd/Klm
······ C=90°-270°   α=6°

NL4001539K001	9 LED	13,8W	3000K	32°	
NL4001539W001	9 LED	13,8W	4000K	32°	
NL4001539Z001	9 LED	13,8W	6000K	32°	
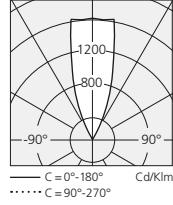
500mA electronic ballast

Fixed beam

Effective power 15,9W

H m	⌀C0 m	⌀C90 m	E lux
3,0	1,89	1,89	179
2,5	1,58	1,58	258
2,0	1,26	1,26	403
1,5	0,95	0,95	716
1,0	0,63	0,63	1611
0,5	0,32	0,32	6444

— C=0°-180° Cd/Klm
······ C=90°-270°   α=32°

NL40015ELK001	9 LED	13,8W	3000K	6°x45°	
NL40015ELW001	9 LED	13,8W	4000K	6°x45°	
NL40015ELZ001	9 LED	13,8W	6000K	6°x45°	
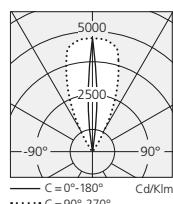
500mA electronic ballast

Fixed beam

Effective power 15,9W

H m	⌀C0 m	⌀C90 m	E lux
3,0	2,66	0,38	526
2,5	2,22	0,31	757
2,0	1,77	0,25	1183
1,5	1,33	0,19	2102
1,0	0,89	0,13	4731
0,5	0,44	0,06	18922

— C=0°-180° Cd/Klm
······ C=90°-270°   α=6°x45°

NL40024H0	Recessing box			
NL19026	Ballast	18W 500mA	IP67	1 max

Ego vetro walk-over	2012		h 60 mm
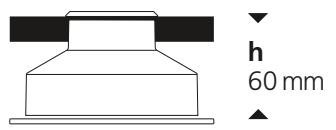
- Light fixture with high-performance LED light sources.
- Walk-over recessed floor installation with low recessed depth (60 mm).
- 2 sizes (150 e 220 mm).
- Round and square version.
- Composed by body, black silkscreened tempered glass flush with the floor, recessing box.
- Body in die-cast EN AB44100 aluminium, silicone gaskets; provided with 30cm-long pre-resined two-pole connection cable H05RN-F. Remote electronic ballast.
- Fixing to the recessing box is ensured by means of anti-vandal screws TORX.
- Glass surface temperature lower than 40°C.
- Recessing box for laying in reinforced polymer, can be ordered separately.
- Fixed optics. PMMA lenses in 3 different versions of beams.

- White monochromatic LEDs available in 3 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
  Cold = 6000K
- AISI 316 stainless steel screws.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- IP Rating IP65-IP67.
- Insulation class III.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

Ego vetro walk-over

Ballast supplied separately

Lighting unit

Tempered glass flush with the floor

Recessing box in polymer

Recessed depth 60mm

Ego vetro walk-over

Spot optic

Concentrated luminous flow
to highlight details avoiding unwanted
light dispersion.

Flood optic

Wide luminous flow suitable for lighting
large areas.

Wall Washer optic

Elliptical distribution of the luminous
flow suitable for wall washer effect.

Milanofiori North Residential Complex, Assago - Milan - IT
Architectural project: OBR Paolo Brescia, Tommaso Principi

Ego vetro 150 walk-over

58

ø 152
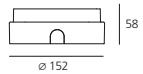
Ego vetro 150 walk-over Round

Static load 1000Kg
Glass thickness 8 mm
T glass 33 ˚C
Recessing box supplied
separately

IP65/67 **IK**09

NL4001710K002	4 LED	6,3W	3000K	6°
NL4001710W002	4 LED	6,3W	4000K	6°
NL4001710Z002	4 LED	6,3W	6000K	6°

500mA electronic ballast

Fixed beam

Effective power 18W

H m	ØC0 m	ØC90 m	E lux
3,0	0,28	0,28	1304
2,5	0,24	0,24	1877
2,0	0,19	0,19	2933
1,5	0,14	0,14	5214
1,0	0,09	0,09	11732
0,5	0,05	0,05	46928

—— C = 0°-180° Cd/Klm
······ C = 90°-270° α=6°

NL4001739K002	4 LED	6,3W	3000K	32°
NL4001739W002	4 LED	6,3W	4000K	32°
NL4001739Z002	4 LED	6,3W	6000K	32°

500mA electronic ballast

Fixed beam

Effective power 18W

H m	ØC0 m	ØC90 m	E lux
3,0	1,79	1,79	93
2,5	1,49	1,49	134
2,0	1,19	1,19	209
1,5	0,89	0,89	371
1,0	0,60	0,60	836
0,5	0,30	0,30	3342

—— C = 0°-180° Cd/Klm
······ C = 90°-270° α=32°
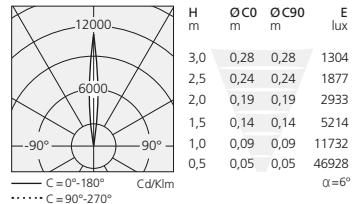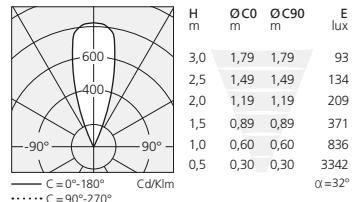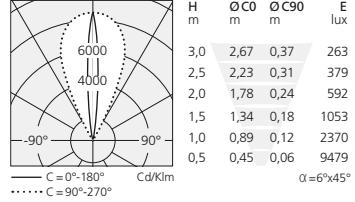
NL40017ELK002	4 LED	6,3W	3000K	6°x45°
NL40017ELW002	4 LED	6,3W	4000K	6°x45°
NL40017ELZ002	4 LED	6,3W	6000K	6°x45°

500mA electronic ballast

Fixed beam

Effective power 18W

H m	ØC0 m	ØC90 m	E lux
3,0	2,67	0,37	263
2,5	2,23	0,31	379
2,0	1,78	0,24	592
1,5	1,34	0,18	1053
1,0	0,89	0,12	2370
0,5	0,45	0,06	9479

—— C = 0°-180° Cd/Klm
······ C = 90°-270° α=6°x45°

NL40029H0	Recessing box				
NL19022	Ballast	14W	500mA	IP67	1 max
NL19026	Ballast	18W	500mA	IP67	2 max

58

152
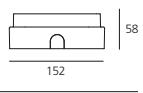
Ego vetro 150 walk-over Square

Static load 1000Kg
Glass thickness 8 mm
T glass 33 ˚C
Recessing box supplied
separately

IP65/67 **IK**09

NL4001810K002	4 LED	6,3W	3000K	6°x45°
NL4001810W002	4 LED	6,3W	4000K	6°x45°
NL4001810Z002	4 LED	6,3W	6000K	6°x45°

500mA electronic ballast

Fixed beam

Effective power 18W

H m	ØC0 m	ØC90 m	E lux
3,0	0,28	0,28	1304
2,5	0,24	0,24	1877
2,0	0,19	0,19	2933
1,5	0,14	0,14	5214
1,0	0,09	0,09	11732
0,5	0,05	0,05	46928

—— C = 0°-180° Cd/Klm
······ C = 90°-270° α=6°

NL4001839K002	4 LED	6,3W	3000K	32°
NL4001839W002	4 LED	6,3W	4000K	32°
NL4001839Z002	4 LED	6,3W	6000K	32°

500mA electronic ballast

Fixed beam

Effective power 18W

H m	ØC0 m	ØC90 m	E lux
3,0	1,79	1,79	93
2,5	1,49	1,49	134
2,0	1,19	1,19	209
1,5	0,89	0,89	371
1,0	0,60	0,60	836
0,5	0,30	0,30	3342

—— C = 0°-180° Cd/Klm
······ C = 90°-270° α=32°

NL40018ELK002	4 LED	6,3W	3000K	6°x45°
NL40018ELW002	4 LED	6,3W	4000K	6°x45°
NL40018ELZ002	4 LED	6,3W	6000K	6°x45°

500mA electronic ballast

Fixed beam

Effective power 18W

H m	ØC0 m	ØC90 m	E lux
3,0	2,67	0,37	263
2,5	2,23	0,31	379
2,0	1,78	0,24	592
1,5	1,34	0,18	1053
1,0	0,89	0,12	2370
0,5	0,45	0,06	9479

—— C = 0°-180° Cd/Klm
······ C = 90°-270° α=6°x45°

NL40027H0	Recessing box				
NL19022	Ballast	14W	500mA	IP67	1 max
NL19026	Ballast	18W	500mA	IP67	2 max

Ego vetro 220 walk-over

∅ 222 | 58
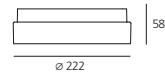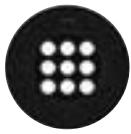
Ego vetro 220 walk-over Round

Static load 1000Kg
Glass thickness 8 mm
T glass 40 ˚C
Recessing box supplied separately

IP65/67 **IK**09

NL4001910K002	9 LED	14,4W	3000K	6°
NL4001910W002	9 LED	14,4W	4000K	6°
NL4001910Z002	9 LED	14,4W	6000K	6°

500mA electronic ballast

Fixed beam

Effective power 18W

C = 0°-180° — Cd/Klm
C = 90°-270° ·····

H m	∅C0 m	∅C90 m	E lux
3,0	0,32	0,32	1826
2,5	0,27	0,27	2629
2,0	0,22	0,22	4109
1,5	0,16	0,16	7304
1,0	0,11	0,11	16434
0,5	0,05	0,05	65736
			α=6°
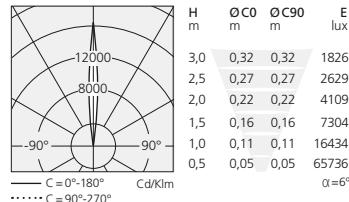
NL4001939K002	9 LED	14,4W	3000K	32°
NL4001939W002	9 LED	14,4W	4000K	32°
NL4001939Z002	9 LED	14,4W	6000K	32°

500mA electronic ballast

Fixed beam

Effective power 18W

C = 0°-180° — Cd/Klm
C = 90°-270° ·····

H m	∅C0 m	∅C90 m	E lux
3,0	1,89	1,89	179
2,5	1,58	1,58	258
2,0	1,26	1,26	403
1,5	0,95	0,95	716
1,0	0,63	0,63	1611
0,5	0,32	0,32	6444
			α=32°
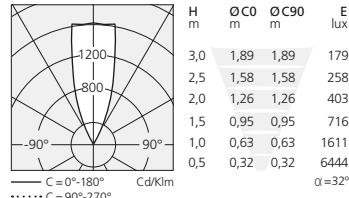
NL40019ELK002	9 LED	14,4W	3000K	6°x45°
NL40019ELW002	9 LED	14,4W	4000K	6°x45°
NL40019ELZ002	9 LED	14,4W	6000K	6°x45°

500mA electronic ballast

Fixed beam

Effective power 18W

C = 0°-180° — Cd/Klm
C = 90°-270° ·····

H m	∅C0 m	∅C90 m	E lux
3,0	2,66	0,38	526
2,5	2,22	0,31	757
2,0	1,77	0,25	1183
1,5	1,33	0,19	2102
1,0	0,89	0,13	4731
0,5	0,44	0,06	18922
			α=6°x45°

NL40030H0	Recessing box				
NL19026	Ballast	18W	500mA	IP67	1 max

222 | 58
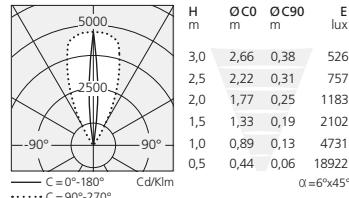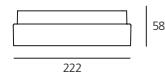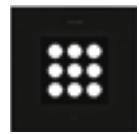
Ego vetro 220 walk-over Square

Static load 1000Kg
Glass thickness 8 mm
T glass 40 ˚C
Recessing box supplied separately

IP65/67 **IK**09

NL4002010K002	9 LED	14,4W	3000K	6°
NL4002010W002	9 LED	14,4W	4000K	6°
NL4002010Z002	9 LED	14,4W	6000K	6°

500mA electronic ballast

Fixed beam

Effective power 18W

C = 0°-180° — Cd/Klm
C = 90°-270° ·····

H m	∅C0 m	∅C90 m	E lux
3,0	0,32	0,32	1826
2,5	0,27	0,27	2629
2,0	0,22	0,22	4109
1,5	0,16	0,16	7304
1,0	0,11	0,11	16434
0,5	0,05	0,05	65736
			α=6°
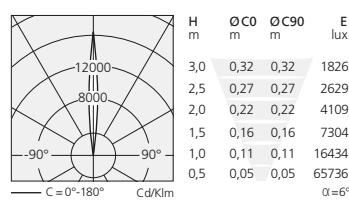
NL4002039K002	9 LED	14,4W	3000K	32°
NL4002039W002	9 LED	14,4W	4000K	32°
NL4002039Z002	9 LED	14,4W	6000K	32°

500mA electronic ballast

Fixed beam

Effective power 18W

C = 0°-180° — Cd/Klm
C = 90°-270° ·····

H m	∅C0 m	∅C90 m	E lux
3,0	1,89	1,89	179
2,5	1,58	1,58	258
2,0	1,26	1,26	403
1,5	0,95	0,95	716
1,0	0,63	0,63	1611
0,5	0,32	0,32	6444
			α=32°
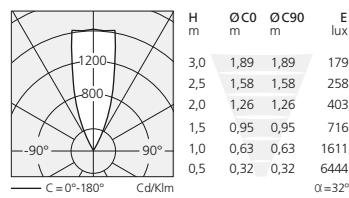
NL40020ELK002	9 LED	14,4W	3000K	6°x45°
NL40020ELW002	9 LED	14,4W	4000K	6°x45°
NL40020ELZ002	9 LED	14,4W	6000K	6°x45°
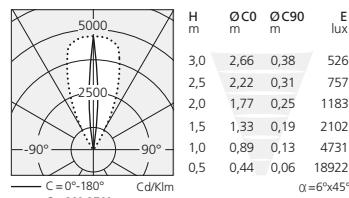
500mA electronic ballast

Fixed beam

Effective power 18W

C = 0°-180° — Cd/Klm
C = 90°-270° ·····

H m	∅C0 m	∅C90 m	E lux
3,0	2,66	0,38	526
2,5	2,22	0,31	757
2,0	1,77	0,25	1183
1,5	1,33	0,19	2102
1,0	0,89	0,13	4731
0,5	0,44	0,06	18922
			α=6°x45°

NL40028H0	Recessing box				
NL19026	Ballast	18W	500mA	IP67	1 max

Microled

- Light fixture with high-performance LED light sources.
- Recessed floor installation.
- Walk-over version.
- Low recessed depth (40mm).
- Box diameter 80mm.
- Spot diameter 33mm.
- Spot installation flush with the floor.
- Composed by spot unit, diffuser, recessing box.
- Body in black PVC, o-ring gaskets; provided with 10-cm pre-resined silicone single-pole connection cables.
- Computer numerical control machined billet diffuser in transparent polycarbonate.
- Electrical connection to the mains by means of transformer / remote ballast.

- Pressure-locked to the recessing box.
- Polycarbonate surface temperature lower than 40°C.
- Recessing box for laying in polymer, can be ordered separately.
- White monochromatic LEDs available in 3 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
  Cold = 6000K
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- IP Rating IP67.
- Insulation class III.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

Microroled

ø 33,5

40

80

ø 85 x 40h mm

Microroled walk-over

Body in black PVC and
transparent polycarbonate
Static load 2000 Kg
Polycarbonate thickness
2 mm
T glass 35° C
Recessing box supplied
separately

IP65/67

NL17050VTK0	1 LED	0,08W	3000K	140°
NL17050VTW0	1 LED	0,08W	4000K	140°
NL17050VTZ0	1 LED	0,08W	6000K	140°

12Vdc electronic ballast

Fixed beam

Effective power
0,25W

NL19027	Ballast	12W 12Vdc	IP67	40 LED max
NL6203	Ballast	40W 12Vdc	IP67	130 LED max
NL17055H0	Recessing box			
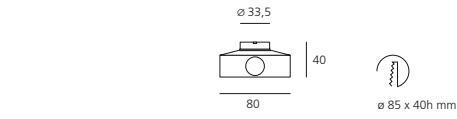
Naiade drive-over	2011

- Light fixture with high-performance LED light sources.
- Recessed floor installation.
- 5 sizes (55, 90, 150, 220, 320 mm).
- Round and square version.
- Composed by body, frame, black silkscreened tempered glass, recessing box.
- Body in EN AB44100 aluminium, silicone gaskets; provided with 30 cm-long pre-resined three-pole connection cable H07RN-F (H05RN-F for versions 55 and 90). Electronic ballast integrated in the body; for versions 90 and 55: 24V power supply.
- Frame in stainless steel.
- Power connection to the mains by means of the IP67 connector supplied with the light fixture, which can be housed in the recessing box and is suitable for cables with a diameter from 5 to 13.5 mm.
- Fixing to the recessing box3 is ensured by means of anti-vandal screws TORX.
- Glass surface temperature lower than 40°C.
- Recessing box for laying in reinforced polymer, can be ordered separately.

- Adjustable optics. PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 3 colour temperatures:

  Warm = 3000K
  Neutral = 4000K
  Cold = 6000K
- Screws in AISI 316 stainless steel.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- IP Rating IP65-IP67.
- ENEC approved.
- Versions 55 and 90: insulation class III.
- Versions 150, 220 and 320: insulation class I.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

Spot optic

Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

Flood optic

Wide luminous flow suitable for lighting large areas.

Wall Washer optic

Elliptical distribution of the luminous flow suitable for wall washer effect.

Round or square frame in stainless steel. Silkscreened tempered glass.

Lighting unit

Recessing box in polymer

Recessed depth:

Naiade 55	100mm
Naiade 90	100mm
Naiade 150	117mm
Naiade 220	117mm
Naiade 230	117mm

Naiade 55 drive-over
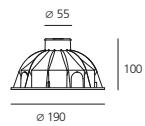
Naiade 55 drive-over Round

AISI 316 stainless steel ring (3mm)
Static load 3500 Kg
Glass thickness 8 mm
T glass 35° C
Recessing box supplied separately

IP65/67 **IK**10

T403010W00	1 LED	1W	3000K	11°
T403010N00	1 LED	1W	4000K	11°
T403010C00	1 LED	1W	6000K	11°

electronic 24Vdc

Fixed beam

Effective power 1,44W

H m	ØC0 m	ØC90 m	E lux
3,0	0,67	0,67	90
2,5	0,56	0,56	129
2,0	0,45	0,45	202
1,5	0,34	0,34	358
1,0	0,22	0,22	807
0,5	0,11	0,11	3226

— C = 0°-180°   Cd/Klm
····· C = 90°-270°   α = 11°

T403039W00	1 LED	1W	3000K	30°
T403039N00	1 LED	1W	4000K	30°
T403039C00	1 LED	1W	6000K	30°

electronic 24Vdc

Fixed beam

Effective power 1,44W

H m	ØC0 m	ØC90 m	E lux
3,0	1,61	1,61	23
2,5	1,34	1,34	33
2,0	1,07	1,07	52
1,5	0,80	0,80	93
1,0	0,54	0,54	208
0,5	0,27	0,27	833

— C = 0°-180°   Cd/Klm
····· C = 90°-270°   α = 30°

T4030ELW00	1 LED	1W	3000K	12°x36°
T4030ELN00	1 LED	1W	4000K	12°x36°
T4030ELC00	1 LED	1W	6000K	12°x36°

electronic 24Vdc

Fixed beam

Effective power 1,44W

H m	ØC0 m	ØC90 m	E lux
3,0	0,78	1,52	42
2,5	0,65	1,27	61
2,0	0,52	1,01	95
1,5	0,39	0,76	169
1,0	0,26	0,51	381
0,5	0,13	0,25	1552

— C = 0°-180°   Cd/Klm
····· C = 90°-270°   α = 12°x36°

T409908	Recessing box

ø 55
100
ø 190

Naiade 55 drive-over Square

AISI 316 stainless steel ring (3mm)
Static load 3500 Kg
Glass thickness 8 mm
T glass 35° C
Recessing box supplied separately

IP65/67 **IK**10

T400010W00	1 LED	1W	3000K	11°
T400010N00	1 LED	1W	4000K	11°
T400010C00	1 LED	1W	6000K	11°

electronic 24Vdc

Fixed beam

Effective power 1,44W

H m	ØC0 m	ØC90 m	E lux
3,0	0,67	0,67	90
2,5	0,56	0,56	129
2,0	0,45	0,45	202
1,5	0,34	0,34	358
1,0	0,22	0,22	807
0,5	0,11	0,11	3226

— C = 0°-180°   Cd/Klm
····· C = 90°-270°   α = 11°

T400039W00	1 LED	1W	3000K	30°
T400039N00	1 LED	1W	4000K	30°
T400039C00	1 LED	1W	6000K	30°

electronic 24Vdc

Fixed beam

Effective power 1,44W

H m	ØC0 m	ØC90 m	E lux
3,0	1,61	1,61	23
2,5	1,34	1,34	33
2,0	1,07	1,07	52
1,5	0,80	0,80	93
1,0	0,54	0,54	208
0,5	0,27	0,27	833

— C = 0°-180°   Cd/Klm
····· C = 90°-270°   α = 30°

T4000ELW00	1 LED	1W	3000K	12°x36°
T4000ELN00	1 LED	1W	4000K	12°x36°
T4000ELC00	1 LED	1W	6000K	12°x36°

electronic 24Vdc

Fixed beam

Effective power 1,44W

H m	ØC0 m	ØC90 m	E lux
3,0	0,78	1,52	42
2,5	0,65	1,27	61
2,0	0,52	1,01	95
1,5	0,39	0,76	169
1,0	0,26	0,51	381
0,5	0,13	0,25	1552

— C = 0°-180°   Cd/Klm
····· C = 90°-270°   α = 12°x36°

T409908	Recessing box

55
100
190

ø 90
100
ø 190

Naiade 90 drive-over Round

AISI 316 stainless steel ring (3mm)
Aluminium secondary frame
Static load 4000 Kg
Glass thickness 10 mm
T glass 36° C
Recessing box supplied separately

IP65/67 **IK**10

T403310W00	3 LED	3,3W	3000K	10°
T403310N00	3 LED	3,3W	4000K	10°
T403310C00	3 LED	3,3W	6000K	10°

electronic 24Vdc

Adjustable beam +0° -8°

Effective power 3,7W

C = 0°-180°   Cd/Klm
C = 90°-270°

H m	Ø C0 m	Ø C90 m	E lux
3,0	0,68	0,68	47
2,5	0,57	0,57	68
2,0	0,46	0,46	106
1,5	0,34	0,34	188
1,0	0,23	0,23	423
0,5	0,11	0,11	1693

α = 10°

T403339W00	3 LED	3,3W	3000K	25°
T403339N00	3 LED	3,3W	4000K	25°
T403339C00	3 LED	3,3W	6000K	25°

electronic 24Vdc

Adjustable beam +0° -8°

Effective power 3,7W

H m	Ø C0 m	Ø C90 m	E lux
3,0	1,72	1,72	26
2,5	1,43	1,43	38
2,0	1,15	1,15	59
1,5	0,86	0,86	104
1,0	0,57	0,57	235
0,5	0,29	0,29	939

α = 25°

T4033ELW00	3 LED	3,3W	3000K	35°
T4033ELN00	3 LED	3,3W	4000K	35°
T4033ELC00	3 LED	3,3W	6000K	35°

electronic 24Vdc

Adjustable beam +0° -8°

Effective power 3,7W

H m	Ø C0 m	Ø C90 m	E lux
3,0	1,80	1,80	28
2,5	1,50	1,50	40
2,0	1,20	1,20	63
1,5	0,90	0,90	112
1,0	0,60	0,60	251
0,5	0,30	0,30	1005

α = 35°

T409907	Recessing box

90
100
190
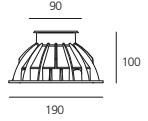
Naiade 90 drive-over Square

AISI 316 stainless steel ring (3mm)
Aluminium secondary frame
Static load 4000 Kg
Glass thickness 10 mm
T glass 36° C
Recessing box supplied separately

IP65/67 **IK**10

T400310W00	3 LED	3,3W	3000K	10°
T400310N00	3 LED	3,3W	4000K	10°
T400310C00	3 LED	3,3W	6000K	10°

electronic 24Vdc

Adjustable beam +0° -8°

Effective power 3,7W

H m	Ø C0 m	Ø C90 m	E lux
3,0	0,68	0,68	47
2,5	0,57	0,57	68
2,0	0,46	0,46	106
1,5	0,34	0,34	188
1,0	0,23	0,23	423
0,5	0,11	0,11	1693

α = 10°

T400339W00	3 LED	3,3W	3000K	25°
T400339N00	3 LED	3,3W	4000K	25°
T400339C00	3 LED	3,3W	6000K	25°

electronic 24Vdc

Adjustable beam +0° -8°

Effective power 3,7W

H m	Ø C0 m	Ø C90 m	E lux
3,0	1,72	1,72	26
2,5	1,43	1,43	38
2,0	1,15	1,15	59
1,5	0,86	0,86	104
1,0	0,57	0,57	235
0,5	0,29	0,29	939

α = 25°

T4003ELW00	3 LED	3,3W	3000K	35°
T4003ELN00	3 LED	3,3W	4000K	35°
T4003ELC00	3 LED	3,3W	6000K	35°

electronic 24Vdc

Adjustable beam +0° -8°

Effective power 3,7W

H m	Ø C0 m	Ø C90 m	E lux
3,0	1,80	1,80	28
2,5	1,50	1,50	40
2,0	1,20	1,20	63
1,5	0,90	0,90	112
1,0	0,60	0,60	251
0,5	0,30	0,30	1005

α = 35°

T409907	Recessing box

ø 150

117

ø 260
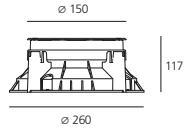
**Naiade 150 drive-over Round**

AISI 316 stainless steel ring (3mm)
Aluminium secondary frame
Static load 4500 Kg
Glass thickness 15 mm
T glass 37° C
Recessing box supplied separately

IP65/67 **IK**10

T403610W00	4 LED	6,3W	3000K	6°
T403610N00	4 LED	6,3W	4000K	6°
T403610C00	4 LED	6,3W	6000K	6°
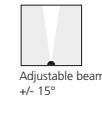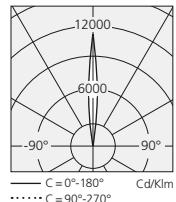
220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 7,9W

H m	ØC0 m	ØC90 m	E lux
3,0	0,28	0,28	1304
2,5	0,24	0,24	1877
2,0	0,19	0,19	2933
1,5	0,14	0,14	5214
1,0	0,09	0,09	11732
0,5	0,05	0,05	46928

C = 0°-180° Cd/Klm
C = 90°-270°   α=6°

T403639W00	4 LED	6,3W	3000K	32°
T403639N00	4 LED	6,3W	4000K	32°
T403639C00	4 LED	6,3W	6000K	32°
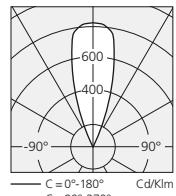
220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 7,9W

H m	ØC0 m	ØC90 m	E lux
3,0	1,79	1,79	93
2,5	1,49	1,49	134
2,0	1,19	1,19	209
1,5	0,89	0,89	371
1,0	0,60	0,60	836
0,5	0,30	0,30	3342

C = 0°-180° Cd/Klm
C = 90°-270°   α=32°

T4036ELW00	4 LED	6,3W	3000K	6°x45°
T4036ELN00	4 LED	6,3W	4000K	6°x45°
T4036ELC00	4 LED	6,3W	6000K	6°x45°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 7,9W

H m	ØC0 m	ØC90 m	E lux
3,0	2,67	0,37	263
2,5	2,23	0,31	379
2,0	1,78	0,24	592
1,5	1,34	0,18	1053
1,0	0,89	0,12	2370
0,5	0,45	0,06	9479

C = 0°-180° Cd/Klm
C = 90°-270°   α=6°x45°

| T409905	Recessing box

150

117

260
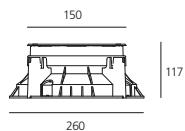
Naiade 150 drive-over Square

AISI 316 stainless steel ring (3mm)
Aluminium secondary frame
Static load 4500 Kg
Glass thickness 15 mm
T glass 37° C
Recessing box supplied separately

IP65/67 **IK**10

T400610W00	4 LED	6,3W	3000K	6°
T400610N00	4 LED	6,3W	4000K	6°
T400610C00	4 LED	6,3W	6000K	6°
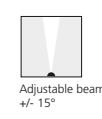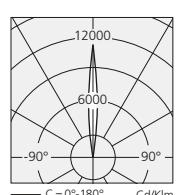
220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 7,9W

H m	ØC0 m	ØC90 m	E lux
3,0	0,28	0,28	1304
2,5	0,24	0,24	1877
2,0	0,19	0,19	2933
1,5	0,14	0,14	5214
1,0	0,09	0,09	11732
0,5	0,05	0,05	46928

C = 0°-180° Cd/Klm
C = 90°-270°   α=6°

T400639W00	4 LED	6,3W	3000K	32°
T400639N00	4 LED	6,3W	4000K	32°
T400639C00	4 LED	6,3W	6000K	32°
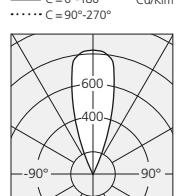
220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 7,9W

H m	ØC0 m	ØC90 m	E lux
3,0	1,79	1,79	93
2,5	1,49	1,49	134
2,0	1,19	1,19	209
1,5	0,89	0,89	371
1,0	0,60	0,60	836
0,5	0,30	0,30	3342

C = 0°-180° Cd/Klm
C = 90°-270°   α=32°

T4006ELW00	4 LED	6,3W	3000K	6°x45°
T4006ELN00	4 LED	6,3W	4000K	6°x45°
T4006ELC00	4 LED	6,3W	6000K	6°x45°
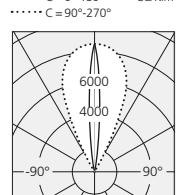
220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 7,9W

H m	ØC0 m	ØC90 m	E lux
3,0	2,67	0,37	263
2,5	2,23	0,31	379
2,0	1,78	0,24	592
1,5	1,34	0,18	1053
1,0	0,89	0,12	2370
0,5	0,45	0,06	9479

C = 0°-180° Cd/Klm
C = 90°-270°   α=6°x45°

T409906	Recessing box

Naiade 220 drive-over
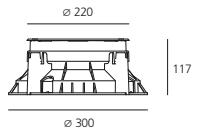
Naiade 220 drive-over Round

AISI 316 stainless steel ring (3mm)
Aluminium secondary frame
Static load 5000 Kg
Glass thickness 15 mm
T glass 36° C
Recessing box supplied separately

IP65/67 **IK**10

T403910W00	9 LED	13,8W	3000K	6°
T403910N00	9 LED	13,8W	4000K	6°
T403910C00	9 LED	13,8W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 15,9W

H m	ØC0 m	ØC90 m	E lux
3,0	0,32	0,32	1826
2,5	0,27	0,27	2629
2,0	0,22	0,22	4109
1,5	0,16	0,16	7304
1,0	0,11	0,11	16434
0,5	0,05	0,05	65736

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α=6°
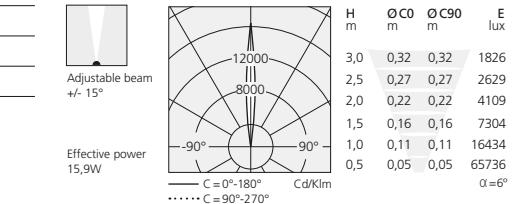
T403939W00	9 LED	13,8W	3000K	32°
T403939N00	9 LED	13,8W	4000K	32°
T403939C00	9 LED	13,8W	6000K	32°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 15,9W

H m	ØC0 m	ØC90 m	E lux
3,0	1,89	1,89	179
2,5	1,58	1,58	258
2,0	1,26	1,26	403
1,5	0,95	0,95	716
1,0	0,63	0,63	1611
0,5	0,32	0,32	6444

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α=32°
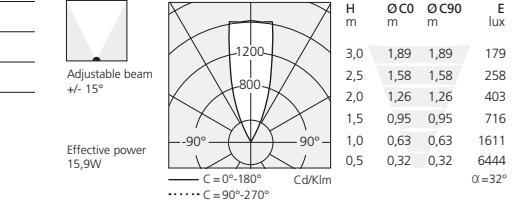
T4039ELW00	9 LED	13,8W	3000K	6°x45°
T4039ELN00	9 LED	13,8W	4000K	6°x45°
T4039ELC00	9 LED	13,8W	6000K	6°x45°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 15,9W

H m	ØC0 m	ØC90 m	E lux
3,0	2,66	0,38	526
2,5	2,22	0,31	757
2,0	1,77	0,25	1183
1,5	1,33	0,19	2102
1,0	0,89	0,13	4731
0,5	0,44	0,06	18922

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α=6°x45°
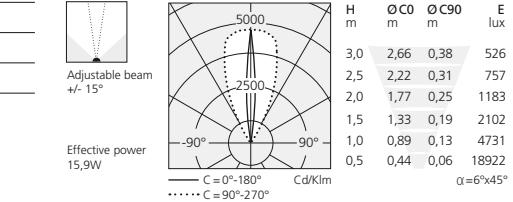
T409903	Recessing box
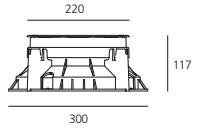
Naiade 220 drive-over Square

AISI 316 stainless steel ring (3mm)
Aluminium secondary frame
Static load 5000 Kg
Glass thickness 15 mm
T glass 36° C
Recessing box supplied separately

IP65/67 **IK**10

T400910W00	9 LED	13,8W	3000K	6°
T400910N00	9 LED	13,8W	4000K	6°
T400910C00	9 LED	13,8W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 15,9W

H m	ØC0 m	ØC90 m	E lux
3,0	0,32	0,32	1826
2,5	0,27	0,27	2629
2,0	0,22	0,22	4109
1,5	0,16	0,16	7304
1,0	0,11	0,11	16434
0,5	0,05	0,05	65736

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α=6°
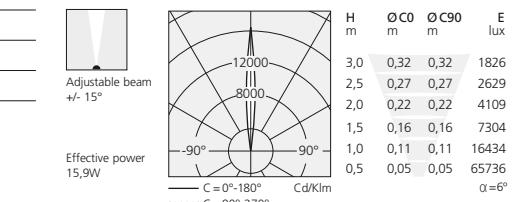
T400939W00	9 LED	13,8W	3000K	32°
T400939N00	9 LED	13,8W	4000K	32°
T400939C00	9 LED	13,8W	6000K	32°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 15,9W

H m	ØC0 m	ØC90 m	E lux
3,0	1,89	1,89	179
2,5	1,58	1,58	258
2,0	1,26	1,26	403
1,5	0,95	0,95	716
1,0	0,63	0,63	1611
0,5	0,32	0,32	6444

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α=32°
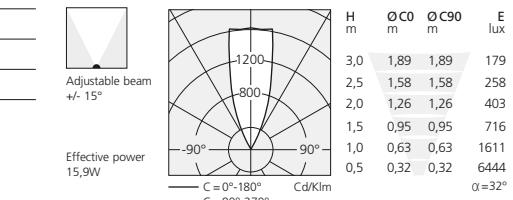
T4009ELW00	9 LED	13,8W	3000K	6°x45°
T4009ELN00	9 LED	13,8W	4000K	6°x45°
T4009ELC00	9 LED	13,8W	6000K	6°x45°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 15,9W

H m	ØC0 m	ØC90 m	E lux
3,0	2,66	0,38	526
2,5	2,22	0,31	757
2,0	1,77	0,25	1183
1,5	1,33	0,19	2102
1,0	0,89	0,13	4731
0,5	0,44	0,06	18922

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α=6°x45°
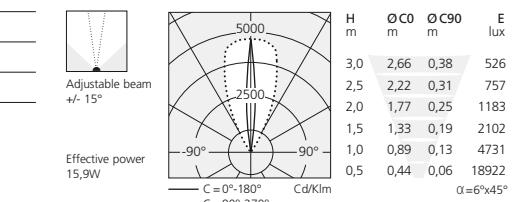
T409904	Recessing box

Naiade 320 drive-over

ø 320
117
ø 406
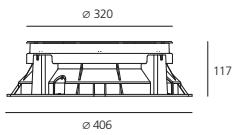
Naiade 320 drive-over Round

AISI 316 stainless steel ring (3mm)
Aluminium secondary frame
Static load 5000 Kg
Glass thickness 15 mm
T glass 38° C
Recessing box supplied separately

IP65/67 **IK**10

T404810W00	16 LED	23,8W	3000K	6°
T404810N00	16 LED	23,8W	4000K	6°
T404810C00	16 LED	23,8W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +15° -7°

Effective power 27W

H m	Ø C0 m	Ø C90 m	E lux
3,0	0,29	0,29	4189
2,5	0,24	0,24	6032
2,0	0,20	0,20	9425
1,5	0,15	0,15	16756
1,0	0,10	0,10	37701
0,5	0,05	0,05	150804

C = 0°-180° Cd/Klm
C = 90°-270°
α = 6°

T404839W00	16 LED	23,8W	3000K	32°
T404839N00	16 LED	23,8W	4000K	32°
T404839C00	16 LED	23,8W	6000K	32°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 27W

H m	Ø C0 m	Ø C90 m	E lux
3,0	1,87	1,87	334
2,5	1,56	1,56	481
2,0	1,25	1,25	752
1,5	0,93	0,93	1336
1,0	0,62	0,62	3006
0,5	0,31	0,31	12025

C = 0°-180° Cd/Klm
C = 90°-270°
α = 32°

T4048ELW00	16 LED	23,8W	3000K	6°x45°
T4048ELN00	16 LED	23,8W	4000K	6°x45°
T4048ELC00	16 LED	23,8W	6000K	6°x45°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 27W

H m	Ø C0 m	Ø C90 m	E lux
3,0	2,67	0,37	1050
2,5	2,23	0,31	1512
2,0	1,78	0,24	2363
1,5	1,34	0,18	4201
1,0	0,89	0,12	9452
0,5	0,45	0,06	37809

C = 0°-180° Cd/Klm
C = 90°-270°
α = 6°x45°

T409901	Recessing box

320
117
406
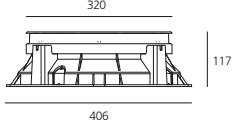
Naiade 320 drive-over Square

AISI 316 stainless steel ring (3mm)
Aluminium secondary frame
Static load 5000 Kg
Glass thickness 15 mm
T glass 38° C
Recessing box supplied separately

IP65/67 **IK**10

T401810W00	16 LED	23,8W	3000K	6°
T401810N00	16 LED	23,8W	4000K	6°
T401810C00	16 LED	23,8W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +15° -7°

Effective power 27W

H m	Ø C0 m	Ø C90 m	E lux
3,0	0,29	0,29	4189
2,5	0,24	0,24	6032
2,0	0,20	0,20	9425
1,5	0,15	0,15	16756
1,0	0,10	0,10	37701
0,5	0,05	0,05	150804

C = 0°-180° Cd/Klm
C = 90°-270°
α = 6°
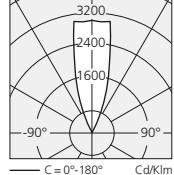
T401839W00	16 LED	23,8W	3000K	32°
T401839N00	16 LED	23,8W	4000K	32°
T401839C00	16 LED	23,8W	6000K	32°
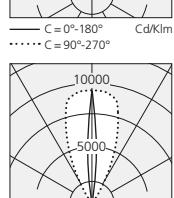
220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 27W

H m	Ø C0 m	Ø C90 m	E lux
3,0	1,87	1,87	334
2,5	1,56	1,56	481
2,0	1,25	1,25	752
1,5	0,93	0,93	1336
1,0	0,62	0,62	3006
0,5	0,31	0,31	12025

C = 0°-180° Cd/Klm
C = 90°-270°
α = 32°

T4018ELW00	16 LED	23,8W	3000K	6°x45°
T4018ELN00	16 LED	23,8W	4000K	6°x45°
T4018ELC00	16 LED	23,8W	6000K	6°x45°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 27W

H m	Ø C0 m	Ø C90 m	E lux
3,0	2,67	0,37	1050
2,5	2,23	0,31	1512
2,0	1,78	0,24	2363
1,5	1,34	0,18	4201
1,0	0,89	0,12	9452
0,5	0,45	0,06	37809

C = 0°-180° Cd/Klm
C = 90°-270°
α = 6°x45°

T409902	Recessing box

Megara

design
Michele De Lucchi
2011

- Light fixture with high-performance LED light sources.
- Drive-over recessed floor installation with floor-protruding cap.
- 3 sizes (90, 150, 220 mm).
- Composed by body, cap, diffuser, recessing box.
- Body and cap in EN AB44100 aluminium, silicone gaskets; provided with 30 cm-long pre-resined three-pole connection cable H07RN-F (H05RN-F for version 90). Electronic ballast integrated in the body, for version 90: 24V power supply.
- Diffuser in UV resistant polycarbonate.
- Power connection to the mains by means of the IP67 connector supplied with the light fixture, which can be housed in the recessing box and is suitable for cables with a diameter from 5 to13.3 mm.
- Fixing to the recessing box is ensured by means of anti-vandal screws TORX.

- Recessing box for laying in reinforced polymer to be ordered separately.
- Radial beam optic.
- 1, 2, 4, 12 beam configurations.
- White monochromatic LEDs available in 3 colour temperatures:

  Warm   = 3000K
  Neutral = 4000K
  Cold   = 6000K
- Screws in AISI 316 stainless steel.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- IP Rating IP65-IP67.
- ENEC approved.
- Version 90: insulation class III.
- Versions 150 and 220: insulation class I.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

Megara 1 light beam

Megara 2 light beams
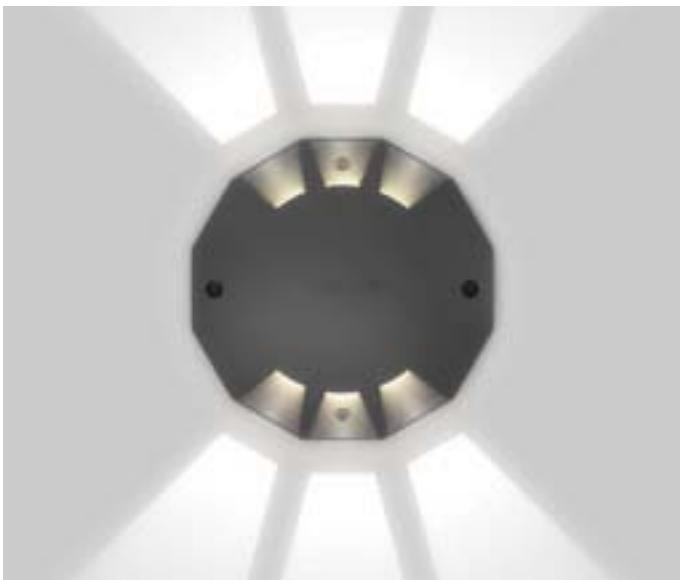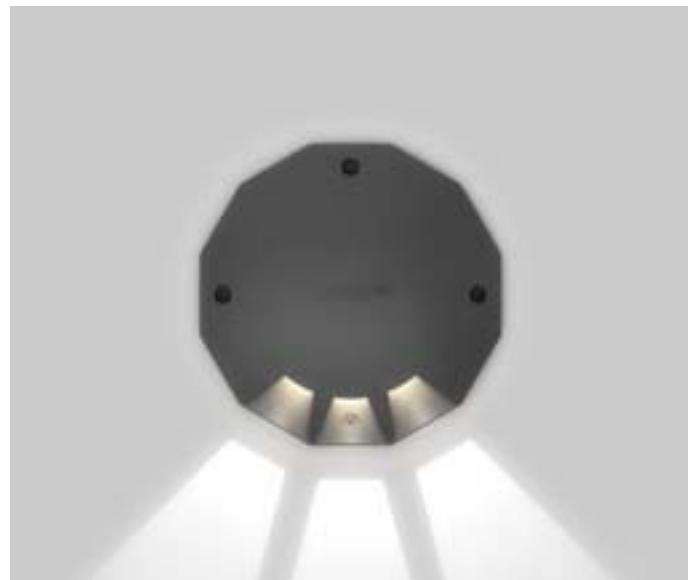
Megara 4 light beams

Megara 12 light beams
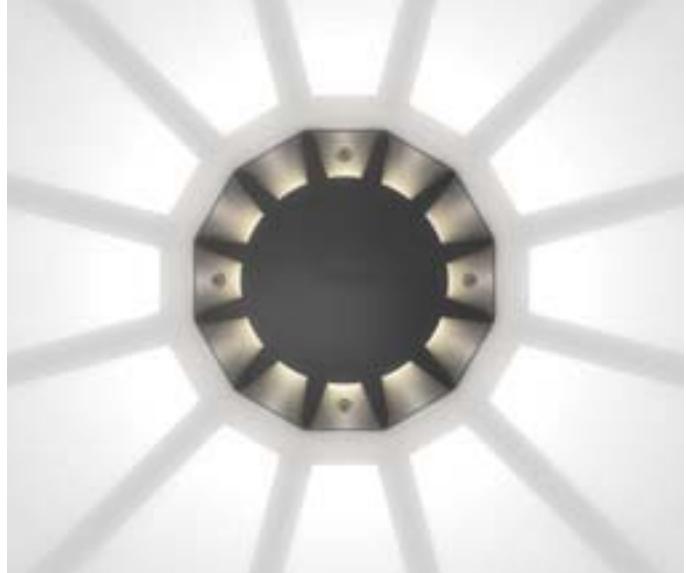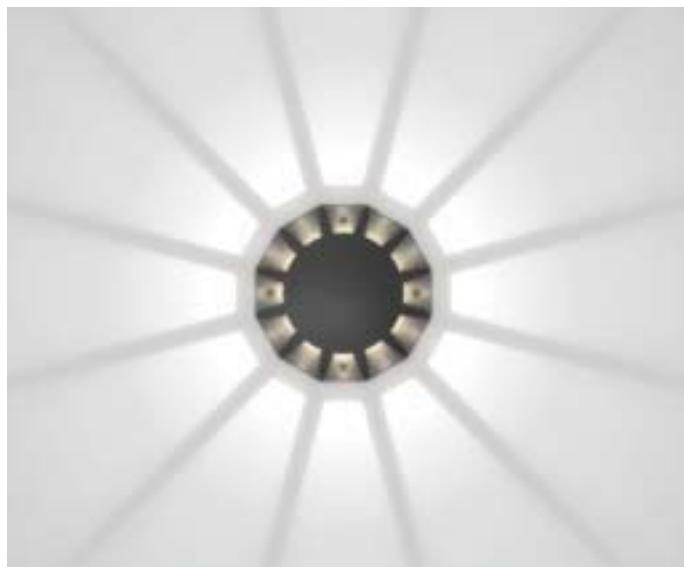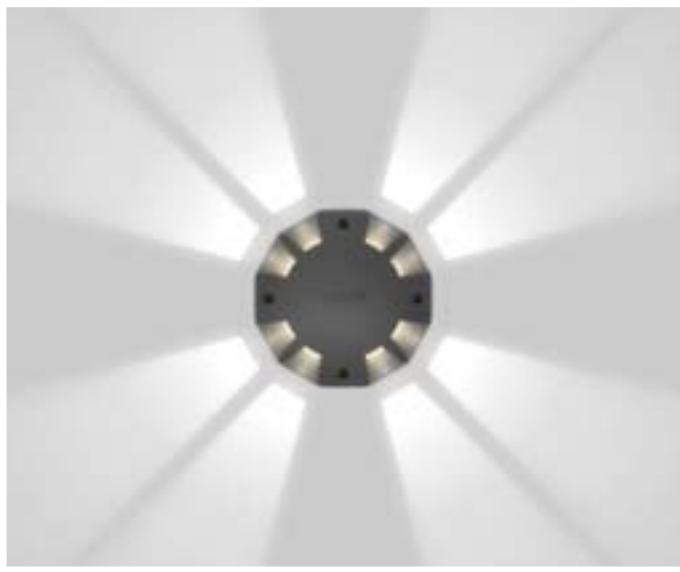
Megara

Aluminium cap

Diffuser in UV resistant polycarbonate

Recessing box in polymer

Recessed depth:

Megara 90	100mm
Megara 150	117mm
Megara 220	117mm

Megara 90

Megara 90 1 light beam

Painted aluminium cap
H=20mm
Polycarbonate diffuser
Static load 3000 Kg
Recessing box supplied
separately

IP65/67 **IK**10

T415300W00	1 LED	2,5W	3000K
T415300N00	1 LED	2,5W	4000K
T415300C00	1 LED	2,5W	6000K
electronic 24Vdc			

T409907	Recessing box

Effective power
5W

90
20
100
ø 190
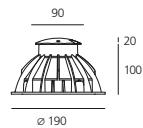
Megara 90 2 light beams

Painted aluminium cap
H=20mm
Polycarbonate diffuser
Static load 3000 Kg
Recessing box supplied
separately

IP65/67 **IK**10

T415200W00	1 LED	2,5W	3000K
T415200N00	1 LED	2,5W	4000K
T415200C00	1 LED	2,5W	6000K
electronic 24Vdc			

T409907	Recessing box

Effective power
5W

90
20
100
ø 190
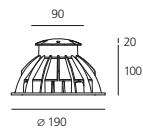
Megara 90 4 light beams

Painted aluminium cap
H=20mm
Polycarbonate diffuser
Static load 3000 Kg
Recessing box supplied
separately

IP65/67 **IK**10

T415100W00	1 LED	2,5W	3000K
T415100N00	1 LED	2,5W	4000K
T415100C00	1 LED	2,5W	6000K
electronic 24Vdc			

T409907	Recessing box

Effective power
5W

90
20
100
ø 190
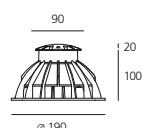
Megara 90 12 light beams

Painted aluminium cap
H=20mm
Polycarbonate diffuser
Static load 3000 Kg
Recessing box supplied
separately

IP65/67 **IK**10

T415000W00	1 LED	2,5W	3000K
T415000N00	1 LED	2,5W	4000K
T415000C00	1 LED	2,5W	6000K
electronic 24Vdc			

T409907	Recessing box

Effective power
5W

90
20
100
ø 190
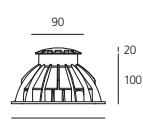
Megara 150

150
27
117
ø 260

Megara 150 1 light beam

Painted aluminium cap
H=27mm
Polycarbonate diffuser
Static load 4000 Kg
Recessing box supplied
separately

IP65/67 **IK**10

T415700W00	1 LED	5W	3000K
T415700N00	1 LED	5W	4000K
T415700C00	1 LED	5W	6000K

220/240Vac 50/60Hz electronic ballast

T409905	Recessing box

Effective power
8W

150
27
117
ø 260
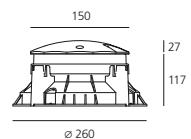
Megara 150 2 light beams

Painted aluminium cap
H=27mm
Polycarbonate diffuser
Static load 4000 Kg
Recessing box supplied
separately

IP65/67 **IK**10

T415600W00	1 LED	5W	3000K
T415600N00	1 LED	5W	4000K
T415600C00	1 LED	5W	6000K

220/240Vac 50/60Hz electronic ballast

T409905	Recessing box

Effective power
8W

150
27
117
ø 260
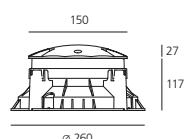
Megara 150 4 light beams

Painted aluminium cap
H=27mm
Polycarbonate diffuser
Static load 4000 Kg
Recessing box supplied
separately

IP65/67 **IK**10

T415500W00	1 LED	5W	3000K
T415500N00	1 LED	5W	4000K
T415500C00	1 LED	5W	6000K

220/240Vac 50/60Hz electronic ballast

T409905	Recessing box

Effective power
8W

150
27
117
ø 260
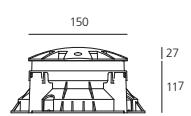
Megara 150 12 light beams

Painted aluminium cap
H=27mm
Polycarbonate diffuser
Static load 4000 Kg
Recessing box supplied
separately

IP65/67 **IK**10

T415400W00	1 LED	5W	3000K
T415400N00	1 LED	5W	4000K
T415400C00	1 LED	5W	6000K

220/240Vac 50/60Hz electronic ballast

T409905	Recessing box

Effective power
8W
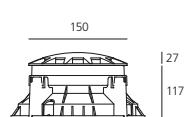
Megara 220

220
40
117
⌀ 300

Megara 220 1 light beam

Painted aluminium cap
H=40mm
Polycarbonate diffuser
Static load 5000 Kg
Recessing box supplied
separately

IP65/67 **IK**10

T416100W00	1 LED	9,3W	3000K	
T416100N00	1 LED	9,3W	4000K	
T416100C00	1 LED	9,3W	6000K	
220/240Vac 50/60Hz electronic ballast				
T409903	Recessing box			

Effective power
15W

220
40
117
⌀ 300
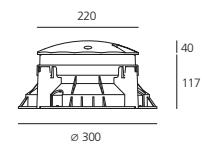
Megara 220 2 light beams

Painted aluminium cap
H=40mm
Polycarbonate diffuser
Static load 5000 Kg
Recessing box supplied
separately

IP65/67 **IK**10

T416000W00	1 LED	9,3W	3000K	
T416000N00	1 LED	9,3W	4000K	
T416000C00	1 LED	9,3W	6000K	
220/240Vac 50/60Hz electronic ballast				
T409903	Recessing box			

Effective power
15W

220
40
117
⌀ 300
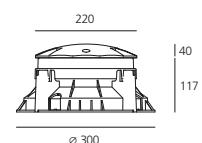
Megara 220 4 light beams

Painted aluminium cap
H=40mm
Polycarbonate diffuser
Static load 5000 Kg
Recessing box supplied
separately

IP65/67 **IK**10

T415900W00	1 LED	9,3W	3000K	
T415900N00	1 LED	9,3W	4000K	
T415900C00	1 LED	9,3W	6000K	
220/240Vac 50/60Hz electronic ballast				
T409903	Recessing box			

Effective power
15W

220
40
117
⌀ 300
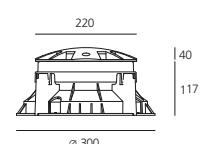
Megara 220 12 light beams

Painted aluminium cap
H=40mm
Polycarbonate diffuser
Static load 5000 Kg
Recessing box supplied
separately

IP65/67 **IK**10

T415800W00	1 LED	9,3W	3000K	
T415800N00	1 LED	9,3W	4000K	
T415800C00	1 LED	9,3W	6000K	
220/240Vac 50/60Hz electronic ballast				
T409903	Recessing box			

Effective power
15W
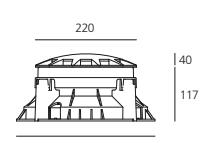
Rivoli

design

Ernesto Gismondi
2004

- Series of light fixtures with linear fluorescent sources.
- Recessed or frame installation.
- Side light emission is suitable for enhancing façades and vertical surfaces.
- Electronic ballast.
- Junction box and connector block to be ordered separately.

Rivoli recessed

- Body in extruded aluminium.
- End pieces in die-cast aluminium.
- Silkscreened tempered glass diffuser thickness 8 mm.
- Recessing box to be ordered separately.
- Fixture provided with source and cable for the mains connection.
- Electronic ballast.
- Junction box and connector block to be ordered separately.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP67.
- ENEC approved.
- Insulation class I.

Rivoli cornice

- Ceiling or frame installation with emission upwards or downwards.
- Body in extruded aluminium.
- End pieces in die-cast aluminium.
- Aluminium optical housing.
- Silkscreened tempered glass diffuser thickness 5 mm.
- Adjustment by means of a fixing system to be ordered separately.
- Fixture provided with source and cable for the mains connection.
- Electronic ballast.
- Junction box and connector block to be ordered separately.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP67.
- ENEC approved.
- Insulation class II.

Rivoli recessed
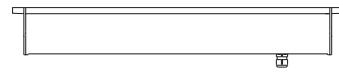
Rivoli incasso

Static load 2000kg
Glass thickness 8mm
T glass 53°
Recessing box
and connection block
supplied separately

IP67 **IK**10

M128800	1x28W	T16 (G5)	2700K	non dimmable	L=1260mm
M128900	1x54W	T16 (G5)	2700K	non dimmable	L=1260mm
M129000	1x35W	T16 (G5)	2700K	non dimmable	L=1560mm
M129100	1x28W	T16 (G5)	2700K	dimmable	L=1260mm
M129200	1x54W	T16 (G5)	2700K	dimmable	L=1260mm
M129300	1x35W	T16 (G5)	2700K	dimmable	L=1560mm

220/240Vac 50/60Hz electronic ballast
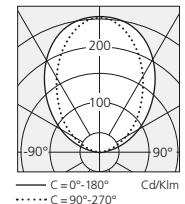
M073130	Connection and branch box (IP67)

M129400	Recessing box for 28W/54W - recessed hole 1264x118mm
M129500	Recessing box for 35W - recessed hole 1564x118mm
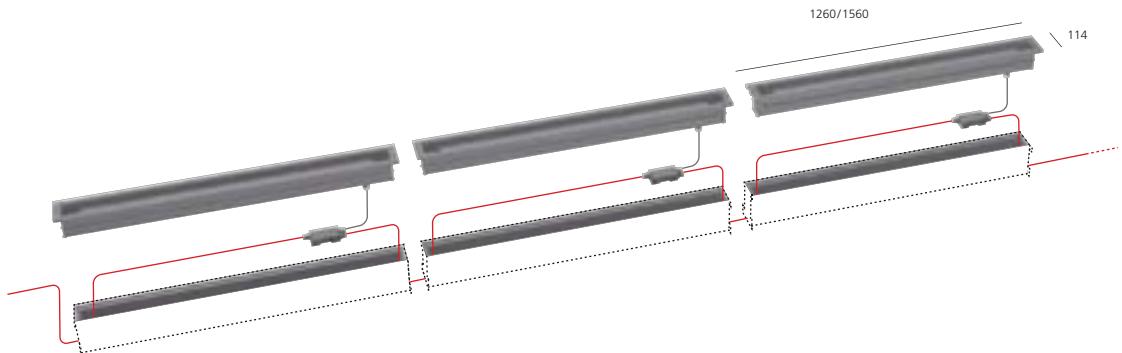
Rivoli cornice
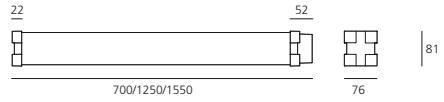
Rivoli cornice

Glass thickness 5mm
Fixing bracket
and connection block
supplied separately

IP65 **IK**10 □ ⟪⟫₀₃

M103000	1x24W	T16 (G5)	2700K	non dimmable	L=700mm
M103100	1x28W	T16 (G5)	2700K	non dimmable	L=1250mm
M103200	1x35W	T16 (G5)	2700K	non dimmable	L=1550mm
M103300	1x54W	T16 (G5)	2700K	non dimmable	L=1250mm

220/240Vac 50/60Hz electronic ballast
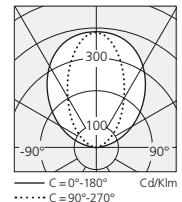
M073130	Connection and branch box (IP67)

M126600	Wall fixing bracket, 1 piece

2 pices required per luminaire

22   52   81

700/1250/1550   76

300
100
-90°   90°
— C = 0°-180°   Cd/Klm
····· C = 90°-270°

min 136
max170
76
700/1250/1550
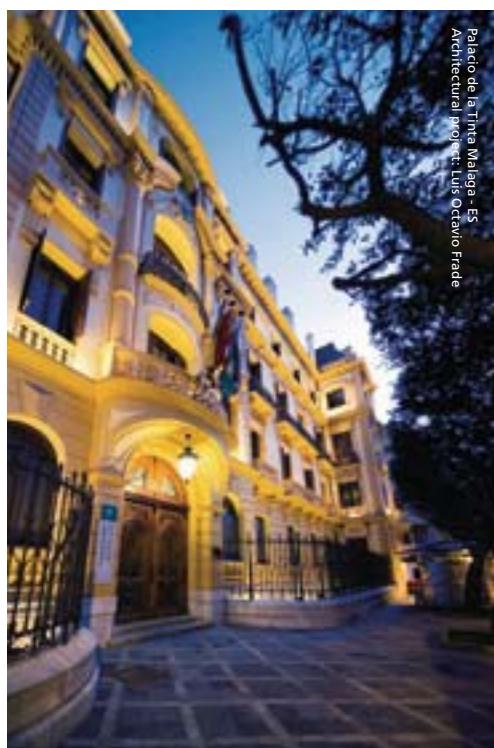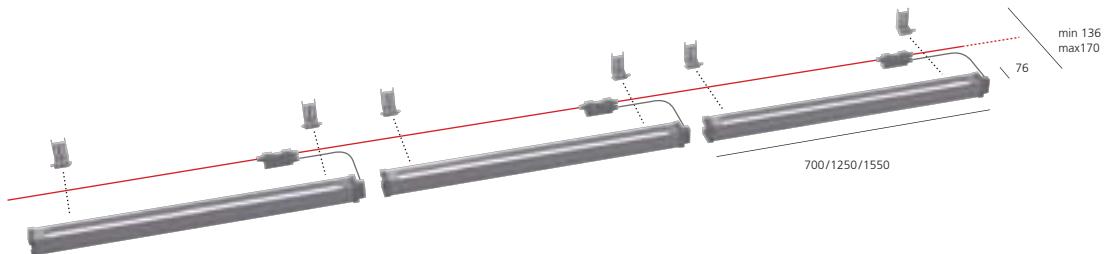
Label Light

- Light fixture with 5mm LED light sources.
- Wall and ceiling installation by means of special accessories (clips).
- 5 lengths for monochromatic version (320,460,850,1250,1640mm).
- 5 lengths for RGB version (450,840,1230,1430,1630mm).
- 26mm-diameter body in UV-stabilized transparent polycarbonate.
- Pre-resined PVC stoppers with o-ring.
- IP68 cable gland PG7 in polyamide.
- Electrical connection to the mains by means of cable H05RN-F (monochromatic version) or 4x0,50mm^2 cable FEP-FEP (RGB version). Optional IP68 terminal boards.
- PVC clips for fixing and adjustment (standard supply).

- Glow wire test 960°C.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 2900K
  Neutral = 4500K
- RGB version with red, green and blue monochromatic LEDs.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- IP Rating IP65.
- Insulation class III.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

Label Light

320/460/850/1250/1640

Label Light	NL704550K0	5,8W	2900K	non dimmable	L=320mm

Label Light

UV resistant transparent polycarbonate

IP65

NL704550K0	5,8W	2900K	non dimmable	L=320mm
NL704550T0	5,8W	4500K	non dimmable	L=320mm
NL704650K0	8,3W	2900K	non dimmable	L=460mm
NL704650T0	8,3W	4500K	non dimmable	L=460mm
NL704750K0	15,5W	2900K	non dimmable	L=850mm
NL704750T0	15,5W	4500K	non dimmable	L=850mm
NL704850K0	22,2W	2900K	non dimmable	L=1250mm
NL704850T0	22,2W	4500K	non dimmable	L=1250mm
NL704950K0	29,1W	2900K	non dimmable	L=1640mm
NL704950T0	29,1W	4500K	non dimmable	L=1640mm

28Vac power supply

H m	ØC0 m	ØC90 m	E lux
0,5	0,46	0,51	4606
1,0	0,92	1,02	1152
1,5	1,39	1,54	512
2,0	1,85	2,05	288
2,5	2,31	2,56	184
3,0	2,77	3,07	128

— C = 0°-180° Cd/Klm
······ C = 90°-270° α=50°
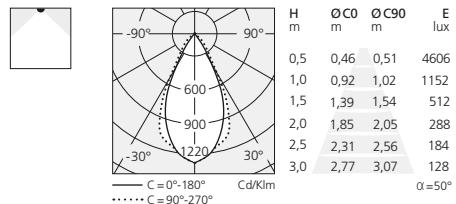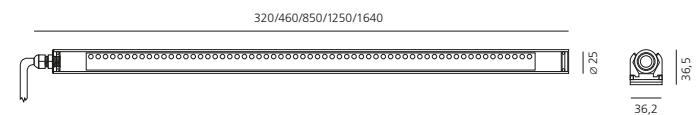
			Label 320	Label 460	Label 850	Label 1250	Label 1640
NL99490	Transformer 50VA	28Vac IP65	7	5	2	1	1
NL86870	Transformer 150VA	28Vac IP65	20	15	8	5	3
NL87770	Transformer 250VA	28Vac IP65	35	25	13	9	6
NL88690	Transformer 400VA	28Vac IP65	48	30	18	12	8

Maximum n° of fixtures per transformer.

Boscolo New York Palace Hotel Budapest - HU
Architectural project: Iosa Ghini, Maurizio Papiri

450/840/1230/1430/1630

⌀ 25

36,5

36,2
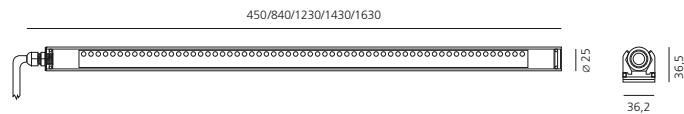
Label Light RGB

UV resistant transparent polycarbonate

IP65

16,7 M

NL75310	6,7W	P.max	RGB	L=450mm
NL75320	13,4W	P.max	RGB	L=840mm
NL75340	21W	P.max	RGB	L=1230mm
NL75350	23,5W	P.max	RGB	L=1430mm
NL75360	26,8W	P.max	RGB	L=1630mm

24 Vdc PWM power supply

Connecting diagram see pag. 286

NL81260	LED driver NLX 2-70 IP65 70W 24Vdc	PWM
NL84100	LED driver NLX 2-100 IP65 100W 24Vdc PWM	

PWM driver for fixtures with autonomous colour programs for stand-alone or controlled working by means of DMX 512 protocol for installations of all sizes.

Label 450	Label 840	Label 1230	Label 1430	Label 1630
8	4	2	2	2
12	6	4	3	3

Maximum n° of fixtures per LED driver.

NL19030	DSC 30 USB interfaced DMX stand alone

Digital interface provided with software. If connected to the PC USB port, it transforms the program instructions into DMX 512 control signals.
DSC30 (512 DMX controllable channels, real-time clock, local use) allows computer-interactive programming and stand-alone mode, that is the possibility of autonomous interface repetition without PC connection.

NL19031	9V/350mA ballast with mini USB connector for DSC30
NL7833	50cm-long Cable with HE10 connector for connection to a keyboard

Nice, Oderzo - IT
Lighting: Arch. Carlo dal Bo

81

LineaLed

Design

Carlotta de Bevilacqua
2010

- Light fixture with high-performance LED light sources.
- Walk-over and drive-over recessed floor installation.
- Walk over and drive over approved up to 5000Kg.
- 2 lengths (625mm, 985mm).
- Monochromatic or RGB light.
- Composed by body in extruded aluminium, protection glass; provided with junction box for input/output connection.
- Floor recessing box in steel.
- Electrical connection to the ballast by means of 100cm-long two-pole cable H05RN-F, with IP67 quick-release terminal block which is supplied with the fixture and can be housed in the recessing box.
- Body in extruded EN AW6060 T5 aluminum.
- End caps in injection-moulded polycarbonate with silicone gasket.
- 8mm-thick opal non-slip tempered glass.
- Glass surface temperature lower than 35°.
- Recessing box for laying in AISI 304 steel, with end caps and accessories for series connection (to be ordered separately).
- 24Vdc remote ballast.

- Body fastened to the recessing box by means of proper pre-stressed steel springs supplied with the fixture.
- Painted profile with 2-stage outdoor treatment: primer, outdoor paint.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm   = 3000K
  Neutral = 4000K
- RGB version with Full Colour RGB LEDs.
- IP Rating IP65-IP67.
- Insulation class III.
- Linea Led 60:
  Connect a maximum number of 16 fixtures in a continuous line
- Linea Led 100:
  Connect a maximum number of 10 fixtures in a continuous line.
- Technical features of light fixtures in compliance with EN60598-1.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

LineaLed

LineaLed

⬤ aluminium

Static load 5000 Kg
Recessing box supplied
separately
Profile in extruded
aluminium
Diffuser in 8mm-thick
non-slip extra-light
tempered silkscreened glass
T glass 31°
Recessing box in INOX 304
steel supplied separately
Remote ballast supplied
separately

IP65/67

NL7398VSK0	5W	3000K	dimmable	L=618mm
NL7398VSW0	5W	5000K	dimmable	L=618mm
NL7419VSK0	8W	3000K	dimmable	L=978mm
NL7419VSW0	8W	5000K	dimmable	L=978mm

24Vdc power supply
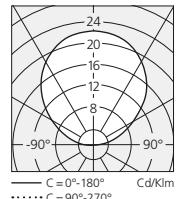
NL62040	Ballast 40W 24 Vdc
NL89080	Ballast 70W 24 Vdc
NL62880	Ballast 100W 24 Vdc

LineaLed 618	LineaLed 978
6	4
12	7
16	10

maximum n° of fixtures per ballast.

NL76670	Recessing box	L=622mm
NL76680	Recessing box	L=982mm
NL75810	Connection bracket for recessed housing	
NL74890	1.5mm-thick end piece for recessed housing (Pair)	
NL10446	Connector stopper	

C = 0°-180°   Cd/Klm
C = 90°-270°
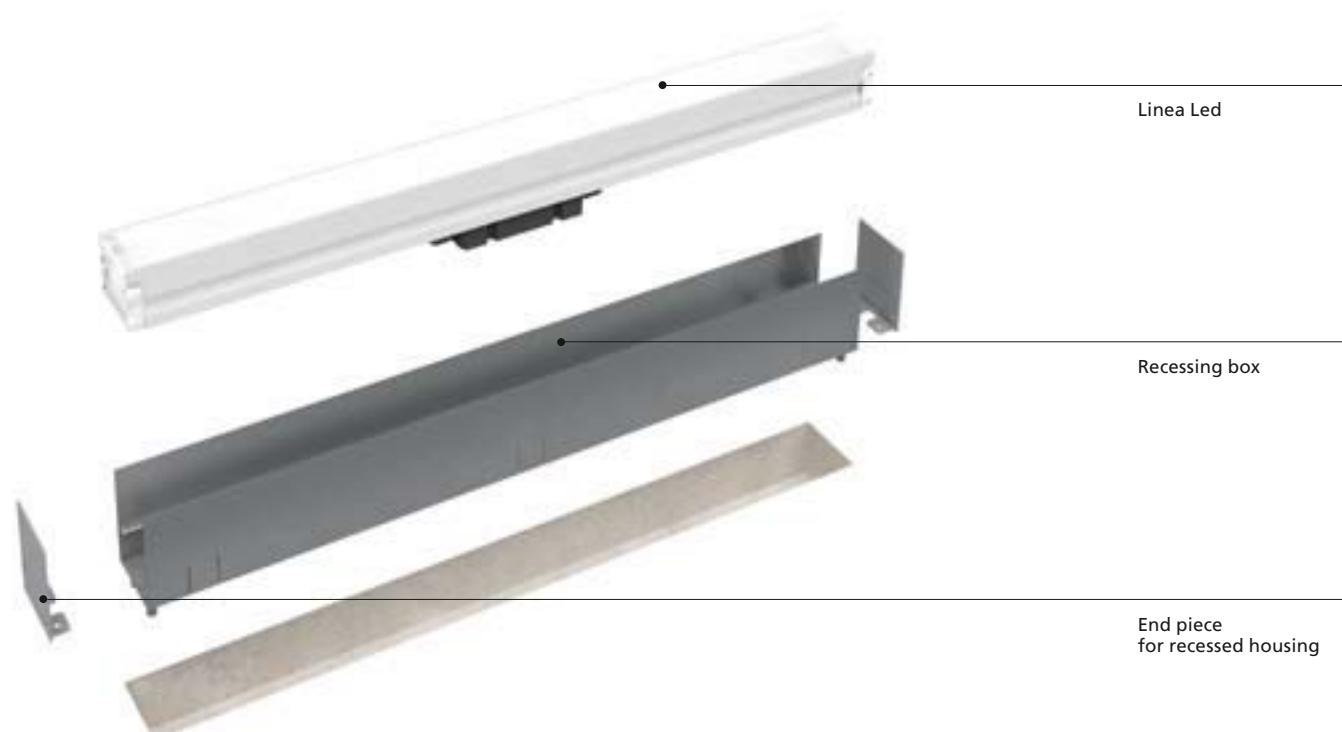
Linea Led

Recessing box

End piece
for recessed housing

39,5

42,5

47,5

618/978

65

LineaLed RGB

● aluminium

Static load 5000 Kg
Recessing box supplied
separately
Profile in extruded alumi-
nium Diffuser in 8mm-thick
non-slip extra-light
tempered silkscreened glass
Recessing box in INOX 304
steel supplied separately
Remote ballast supplied
separately

IP65/67

16,7 M

Connecting diagram
see pag. 286

NL76480	7,2W	RGB	dimmable	L=618mm
NL76490	12W	RGB	dimmable	L=978mm

24Vdc power supply

NL81260	LED driver NLX 2-70 IP65 70W 24Vdc PWM
NL84100	LED driver NLX 2-70 IP65 70W 24Vdc PWM

PWM driver for fixtures with autonomous colour programs for stand-alone or controlled
working by means of DMX 512 protocol for installations of all sizes.

LineaLed 618	LineaLed 978
8	5
12	7

Maximum n° of fixtures per LED driver.

NL19030	DSC 30 USB interfaced DMX stand alone

Digital interface provided with software. If connected to the PC USB port, it transforms
the program instructions into DMX 512 control signals.
DSC30 (512 DMX controllable channels, real-time clock, local use) allows computer-interactive
programming and stand-alone mode, that is the possibility of autonomous interface repetition
without PC connection.

NL19031	9V/350mA ballast with mini USB connector for DSC30
NL7833	50cm-long Cable with HE10 connector for connection to a keyboard

NL76670	Recessing box	L=622mm
NL76680	Recessing box	L=982mm
NL75810	Connection bracket for recessed housing	
NL74890	1.5mm-thick end piece for recessed housing (Pair)	
NL10446	Connector stopper	

**Recessed
housing**

Linea Led

**Connector
stopper**

**End piece
for recessed housing**

**Connection bracket
for recessed housing**
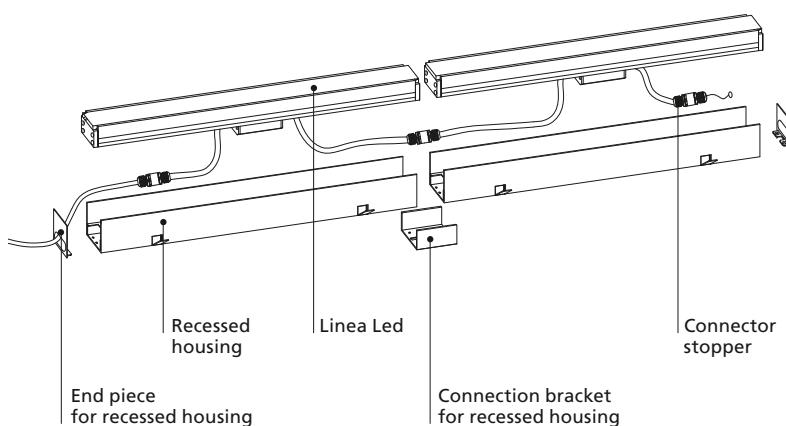
LineaLed wallwasher

Design
Carlotta de Bevilacqua
2011

LineaLed wallwasher

- Light fixture with high-performance LED light sources.
- Walk-over and drive-over recessed floor installation.
- Walk over and drive over approved up to 5000Kg.
- 4 sizes (300mm, 500mm, 780mm,978mm).
- Monochromatic light.
- Composed by body in extruded aluminium, protection glass; provided with junction box for input/output connection.
- Electrical connection to the ballast by means of 100cm-long two-pole cable H05RN-F, with IP67 quick-release terminal block which is supplied with the fixture and can be housed in the recessing box.
- Body in extruded EN AW6060 T5 aluminum.
- Polycarbonate stoppers with silicone gasket.
- 8mm-thick non-slip transparent tempered glass.
- Glass surface temperature lower than 50°.
- Recessing box for laying in AISI 304 steel, with stoppers and accessories for connection (to be ordered separately).
- 24Vdc remote ballast.
- Body fastened to the recessing box by means of proper pre-stressed steel springs supplied with the fixture.
- Painted profile with 2-stage outdoor treatment: primer, outdoor paint.

- Optics. PMMA lenses in 3 different versions of beams.
  10°
  30°
  40°
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- IP Rating IP65-IP67.
- Insulation class III.
- LineaLed wallwasher 30: Connect a maximum number of 10 fixtures in a continuous line
- LineaLed wallwasher 50: Connect a maximum number of 5 fixtures in a continuous line
- LineaLed wallwasher 80: Connect a maximum number of 3 fixtures in a continuous line
- LineaLed wallwasher 100: Connect a maximum number of 2 fixtures in a continuous line
- Technical features of light fixtures in compliance with EN60598-1.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

LineaLed wallwasher adjustable

- Light fixture with high-performance LED light sources.
- Walk-over and drive-over recessed floor installation.
- 4 sizes (300,500,780,978mm).
- Monochromatic light.
- Composed by body in extruded aluminium, protection glass.
- Adjustment brackets in die-cast aluminium.
- Electrical connection to the ballast by means of 100cm-long two-pole cable H05RN-F, with IP67 quick-release terminal board supplied with the fixture.
- Body in extruded EN AW6060 T5 aluminium.
- Polycarbonate end caps with silicone gasket.
- 8mm-thick non-slip transparent tempered glass.
- Glass surface temperature lower than 50°.
- 24Vdc remote ballast.

- Painted profile and brackets with 2-stage outdoor treatment: primer, outdoor paint.
- Optics. PMMA lenses in 3 different versions of beams.
  10°
  30°
  40°
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- IP Rating IP65-IP67.
- Insulation class III..
- Technical features of light fixtures in compliance with EN60598-1.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

LineaLed wallwasher

Spot optic

Concentrated luminous flow to highlight
details avoiding unwanted light dispersion.
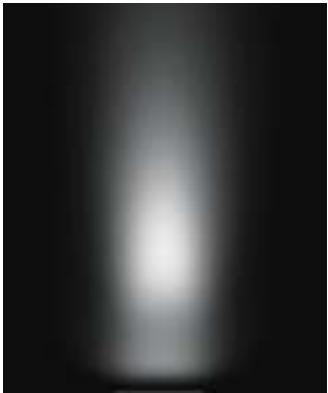
10° optic

Medium optic

Medium luminous flux to highlight
details, large sections of windows.

25° optic

Flood optic

Wide luminous flow suitable
for lighting large areas.

40° optic

LineaLed wallwasher
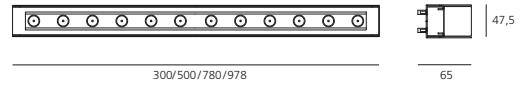
LineaLed wallwasher

● silver grey

Profile in extruded aluminium
Diffuser in 8mm-thick non-slip extra-light tempered silkscreened glass
T glass 50°
Remote ballast supplied separately

IP65/67 **IK**07

NL1732010K0	8,4W	3000K	10°	dimmable	L=300mm
NL1732010W0	8,4W	4000K	10°	dimmable	L=300mm
NL1732110K0	16,8W	3000K	10°	dimmable	L=500mm
NL1732110W0	16,8W	4000K	10°	dimmable	L=500mm
NL1732210K0	25,5W	3000K	10°	dimmable	L=780mm
NL1732210W0	25,5W	4000K	10°	dimmable	L=780mm
NL1732310K0	33,6W	3000K	10°	dimmable	L=978mm
NL1732310W0	33,6W	4000K	10°	dimmable	L=978mm
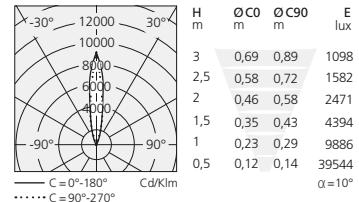
24Vdc power supply

Components needed for dimming are available upon request.

H m	Ø C0 m	Ø C90 m	E lux
3	0,69	0,89	1098
2,5	0,58	0,72	1582
2	0,46	0,58	2471
1,5	0,35	0,43	4394
1	0,23	0,29	9886
0,5	0,12	0,14	39544

α=10°

NL1732025K0	8,4W	3000K	25°	dimmable	L=300mm
NL1732025W0	8,4W	4000K	25°	dimmable	L=300mm
NL1732125K0	16,8W	3000K	25°	dimmable	L=500mm
NL1732125W0	16,8W	4000K	25°	dimmable	L=500mm
NL1732225K0	25,5W	3000K	25°	dimmable	L=780mm
NL1732225W0	25,5W	4000K	25°	dimmable	L=780mm
NL1732325K0	33,6W	3000K	25°	dimmable	L=978mm
NL1732325W0	33,6W	4000K	25°	dimmable	L=978mm
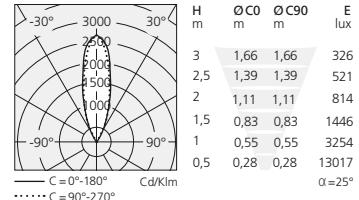
24Vdc power supply

Components needed for dimming are available upon request.

H m	Ø C0 m	Ø C90 m	E lux
3	1,66	1,66	326
2,5	1,39	1,39	521
2	1,11	1,11	814
1,5	0,83	0,83	1446
1	0,55	0,55	3254
0,5	0,28	0,28	13017

α=25°

NL1732040K0	8,4W	3000K	40°	dimmable	L=300mm
NL1732040W0	8,4W	4000K	40°	dimmable	L=300mm
NL1732140K0	16,8W	3000K	40°	dimmable	L=500mm
NL1732140W0	16,8W	4000K	40°	dimmable	L=500mm
NL1732240K0	25,5W	3000K	40°	dimmable	L=780mm
NL1732240W0	25,5W	4000K	40°	dimmable	L=780mm
NL1732340K0	33,6W	3000K	40°	dimmable	L=978mm
NL1732340W0	33,6W	4000K	40°	dimmable	L=978mm
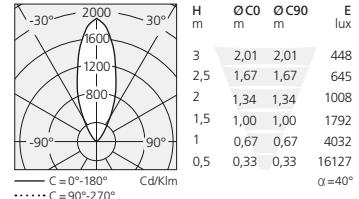
24Vdc power supply

Components needed for dimming are available upon request.

H m	Ø C0 m	Ø C90 m	E lux
3	2,01	2,01	448
2,5	1,67	1,67	645
2	1,34	1,34	1008
1,5	1,00	1,00	1792
1	0,67	0,67	4032
0,5	0,33	0,33	16127

α=40°

NL62040	Ballast 40W	24 Vdc	IP67
NL89080	Ballast 70W	24 Vdc	IP67
NL62880	Ballast 150W	24 Vdc	IP67

Loop in – loop out connection of fixtures to the ballast

LineaLed 300 mm	LineaLed 500 mm	LineaLed 780 mm	LineaLed 978 mm
4	2	1	1
7	3	2	1
10	5	3	2

maximum n° of fixtures per ballast.

NL17325H0	Recessing box	L=305mm
NL17326H0	Recessing box	L=505mm
NL17327H0	Recessing box	L=785mm
NL17328H0	Recessing box	L=983mm

NL75810	Connection bracket for recessed housing
NL74890	1.5mm-thick end caps for recessed housing
NL10446	Connector stopper

LineaLed wallwasher adjustable
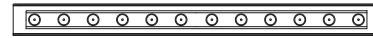
LineaLed wallwasher adjustable

● silver grey

Profile in extruded
aluminium
Diffuser in 8mm-thick
non-slip extra-light
tempered silkscreened glass
T glass 50°
Remote ballast supplied
separately

IP65/67 **IK**07

300/500/780/978

62

42

NL1733010K0	8,4W	3000K	10°	non dimmable	L=300mm
NL1733010W0	8,4W	4000K	10°	non dimmable	L=300mm
NL1733110K0	16,8W	3000K	10°	non dimmable	L=500mm
NL1733110W0	16,8W	4000K	10°	non dimmable	L=500mm
NL1733210K0	25,5W	3000K	10°	non dimmable	L=780mm
NL1733210W0	25,5W	4000K	10°	non dimmable	L=780mm
NL1733310K0	33,6W	3000K	10°	non dimmable	L=978mm
NL1733310W0	33,6W	4000K	10°	non dimmable	L=978mm

24Vdc power supply

Components needed for dimming are available upon request.
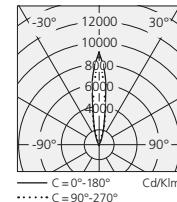
H m	Ø C0 m	Ø C90 m	E lux
3	0,69	0,89	1098
2,5	0,58	0,72	1582
2	0,46	0,58	2471
1,5	0,35	0,43	4394
1	0,23	0,29	9886
0,5	0,12	0,14	39544

—— C=0°-180° ······ C=90°-270° Cd/Klm α=10°

NL1733025K0	8,4W	3000K	25°	non dimmable	L=300mm
NL1733025W0	8,4W	4000K	25°	non dimmable	L=300mm
NL1733125K0	16,8W	3000K	25°	non dimmable	L=500mm
NL1733125W0	16,8W	4000K	25°	non dimmable	L=500mm
NL1733225K0	25,5W	3000K	25°	non dimmable	L=780mm
NL1733225W0	25,5W	4000K	25°	non dimmable	L=780mm
NL1733325K0	33,6W	3000K	25°	non dimmable	L=978mm
NL1733325W0	33,6W	4000K	25°	non dimmable	L=978mm
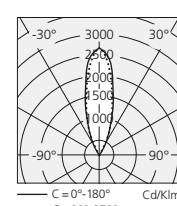
24Vdc power supply

Components needed for dimming are available upon request.

H m	Ø C0 m	Ø C90 m	E lux
3	1,66	1,66	326
2,5	1,39	1,39	521
2	1,11	1,11	814
1,5	0,83	0,83	1446
1	0,55	0,55	3254
0,5	0,28	0,28	13017

—— C=0°-180° ······ C=90°-270° Cd/Klm α=25°

NL1733040K0	8,4W	3000K	40°	non dimmable	L=300mm
NL1733040W0	8,4W	4000K	40°	non dimmable	L=300mm
NL1733140K0	16,8W	3000K	40°	non dimmable	L=500mm
NL1733140W0	16,8W	4000K	40°	non dimmable	L=500mm
NL1733240K0	25,5W	3000K	40°	non dimmable	L=780mm
NL1733240W0	25,5W	4000K	40°	non dimmable	L=780mm
NL1733340K0	33,6W	3000K	40°	non dimmable	L=978mm
NL1733340W0	33,6W	4000K	40°	non dimmable	L=978mm

24Vdc power supply

Components needed for dimming are available upon request.

H m	Ø C0 m	Ø C90 m	E lux
3	2,01	2,01	448
2,5	1,67	1,67	645
2	1,34	1,34	1008
1,5	1,00	1,00	1792
1	0,67	0,67	4032
0,5	0,33	0,33	16127

—— C=0°-180° ······ C=90°-270° Cd/Klm α=40°
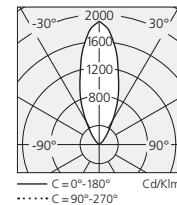
NL62040	Ballast 40W	24 Vdc	IP67
NL89080	Ballast 70W	24 Vdc	IP67
NL62880	Ballast 150W	24 Vdc	IP67

Parallel connection of the fixtures to the ballast.
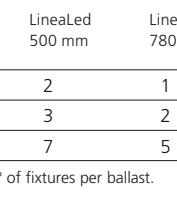
LineaLed 300 mm	LineaLed 500 mm	LineaLed 780 mm	LineaLed 978 mm
4	2	1	1
7	3	2	1
15	7	5	3

maximum n° of fixtures per ballast.

Riga

- Light fixture with high-performance LED light sources.
- Floor, wall, ceiling installation by means of fixing clips.
- Monochromatic or RGB light.
- IP65 monochromatic version with 3 lengths (540,780,1000mm).
- IP65 RGB versione with 3 lengths (520,750,980mm).
- Body in UV resistant transparent polycarbonate.
- Electrical connection to the ballast by means of 100cm-long two-pole cable FROR BLU, with IP68 quick-release terminal board supplied.
- 24Vdc remote ballast.

- Polycarbonate stoppers.
- Body fastened to the recessing box by means of proper pre-stressed steel springs to be ordered separately.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- RGB version with Full Colour RGB LEDs.
- IP65 terminal board.
- Insulation class III.
- Technical features of light fixtures in compliance with EN60598-1.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.
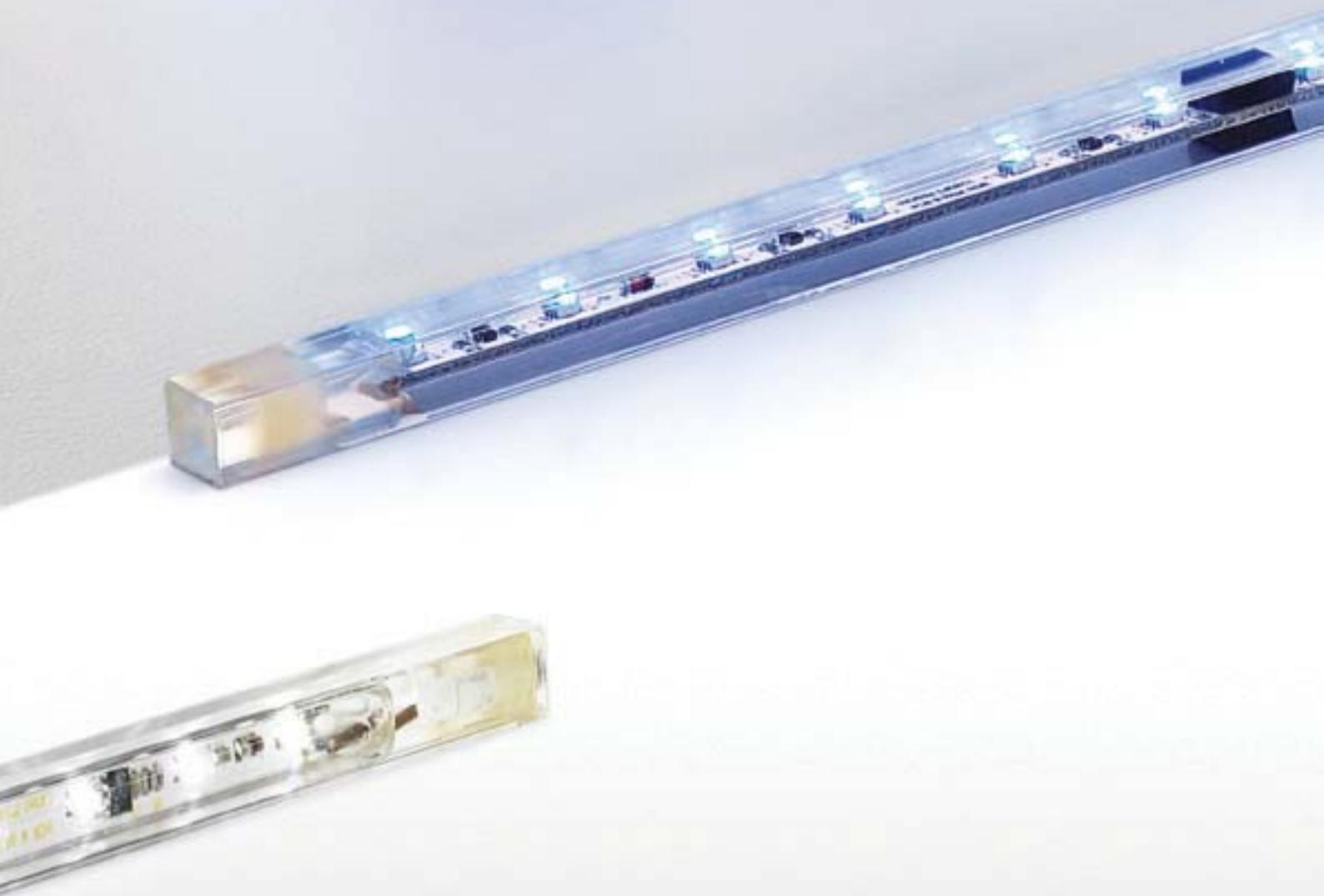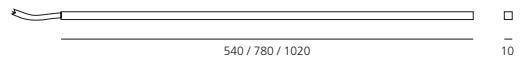
Riga

Riga IP65

UV resistant transparent polycarbonate

IP65 ▽

NL17400VTK0	2W	3000K	dimmable	L=540mm
NL17400VTW0	2W	4000K	dimmable	L=540mm
NL17401VTK0	3W	3000K	dimmable	L=780mm
NL17401VTW0	3W	4000K	dimmable	L=780mm
NL17402VTK0	4W	3000K	dimmable	L=1020mm
NL17402VTW0	4W	4000K	dimmable	L=1020mm

24Vdc power supply

Components needed for dimming are available upon request.

540 / 780 / 1020 | 10

H m	Ø C0 m	Ø C90 m	E lux
0,5	1,52	1,38	265
1,0	3,03	2,75	66
1,5	4,55	4,13	29
2,0	6,07	5,51	17
2,5	7,58	6,88	11
3,0	9,10	8,26	7

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 140°

NL62040	Ballast 40W	24Vdc
NL89080	Ballast 70W	24Vdc
NL62880	Ballast 150W	24Vdc
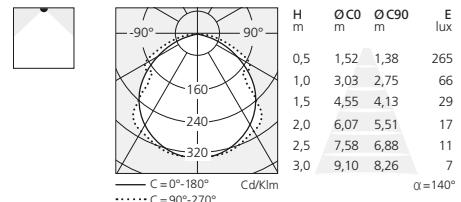
Riga 540	Riga 780	Riga 1020
15	10	8
25	18	14
60	40	30

maximum n° of fixtures per ballast.

NL89090	Fixing bracket	
NL88520	Fixing bracket	
NL86610	Fixing bracket	

NL89090   NL86610

NL88520

Riga

520 / 750 / 980   10

Riga RGB IP65

UV resistant transparent
polycarbonate

IP65 16,7 M

NL17421	3W	RGB	L=520mm
NL17422	4,5W	RGB	L=750mm
NL17423	6W	RGB	L=980mm

24Vdc PWM power supply

NL81260	LED driver NLX 2-70 IP65 70W 24Vdc PWM
NL84100	LED driver NLX 2-100 IP65 100W 24Vdc PWM

PWM driver for fixtures with autonomous colour programs for stand-alone or controlled
working by means of DMX 512 protocol for installations of all sizes.

NL19030	DSC 30 USB interfaced DMX stand alone

Digital interface provided with software. If connected to the PC USB port, it transforms
the program instructions into DMX 512 control signals.
DSC30 (512 DMX controllable channels, real-time clock, local use) allows computer-interactive
programming and stand-alone mode, that is the possibility of autonomous interface repetition
without PC connection.

NL19031	9V/350mA ballast with mini USB connector for DSC30
NL7833	50cm-long Cable with HE10 connector for connection to a keyboard

Riga 520	Riga 750	Riga 980
10	7	5
14	9	7

n° max. apparecchi per LED driver.

NL89090   NL86610

NL88520

NL89090	Fixing bracket
NL88520	Fixing bracket
NL86610	Fixing bracket

Spike

2006

- Light fixture with high-performance LED light sources.
- Wall/ceiling installation.
- Monochromatic version: 4 lengths (300,540,780,1020mm).
- RGB version: 2 lengths (780, 1500mm).
- Electrical connection to the ballast by means of 100cm-long four-pole cable H07RN-F, with IP68 terminal board supplied with the fixture.
- Body in extruded EN AW6060 T5 aluminium.
- 24Vdc remote ballast.
- Stoppers in die-cast aluminium with silicone gasket.
- Diffuser in 3mm-thick transparent tempered glass.
- Painted profile with 2-stage outdoor treatment: primer, outdoor paint.
- Antidazzle screen in extruded aluminium painted upon request.

- Optics. PMMA lenses in 4 different versions of beams.

  10°
  30°
  40°
  140°
- White monochromatic LEDs available in 2 colour temperatures:

  Warm = 3000K
  Neutral = 4000K
- RGB version with red, green and blue monochromatic LEDs.
- IP Rating IP65.
- Insulation class III.
- Technical features of light fixtures in compliance with EN60598-1.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

Spot optic

Concentrated luminous flow to highlight
details avoiding unwanted light dispersion.

10° optic

Flood optic

Wide luminous flow suitable
for lighting large areas.


40° optic

Medium optic

Medium luminous flux to highlight
details, large sections of windows.
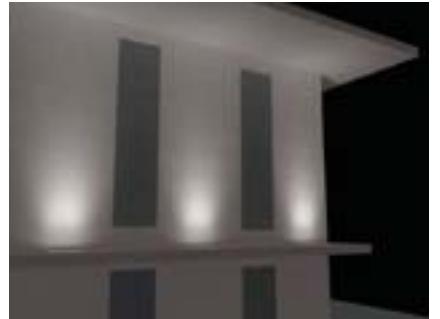
25° optic

Wide optic

Very wide luminous flow suitable
for lighting of small elements
at low distance from fixture.

140° optic
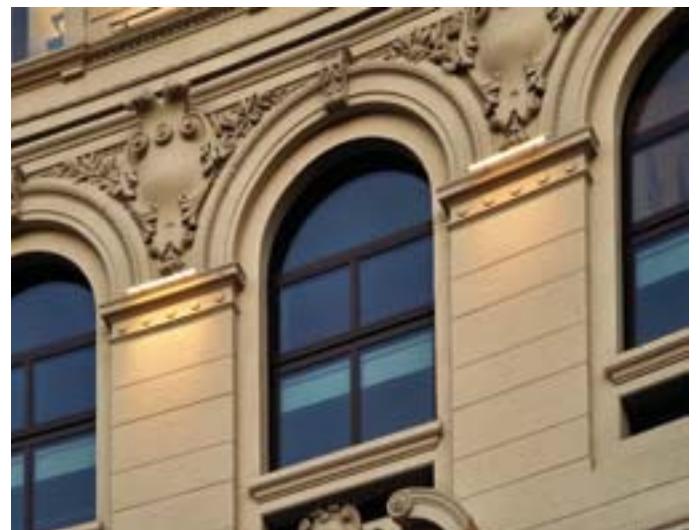
Spike
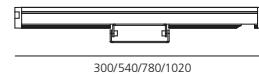
300/540/780/1020

ø 35

Spike

● silver grey

Extruded aluminium profile
3mm-thick transparent
tempered glass
Remote ballast supplied
separately

IP65

NL5000110K002	8,4W	3000K	dimmable	10°	L=300mm
NL5000110W002	8,4W	4000K	dimmable	10°	L=300mm
NL5000210K002	16,8W	3000K	dimmable	10°	L=540mm
NL5000210W002	16,8W	4000K	dimmable	10°	L=540mm
NL5000310K002	25,2W	3000K	dimmable	10°	L=780mm
NL5000310W002	25,2W	4000K	dimmable	10°	L=780mm
NL5000410K002	33,6W	3000K	dimmable	10°	L=1020mm
NL5000410W002	33,6W	4000K	dimmable	10°	L=1020mm

24Vdc power supply

Components needed for dimming are available upon request.

Effective power
30,24W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,12	0,14	39544
1,0	0,23	0,29	9886
1,5	0,35	0,43	4394
2,0	0,46	0,58	2471
2,5	0,58	0,72	1582
3,0	0,69	0,89	1098

— C = 0°-180° Cd/Klm
····· C = 90°-270° α = 11°
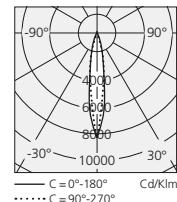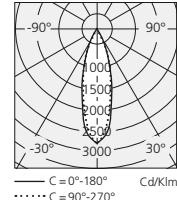
NL5000130K002	8,4W	3000K	dimmable	25°	L=300mm
NL5000130W002	8,4W	4000K	dimmable	25°	L=300mm
NL5000230K002	16,8W	3000K	dimmable	25°	L=540mm
NL5000230W002	16,8W	4000K	dimmable	25°	L=540mm
NL5000330K002	25,2W	3000K	dimmable	25°	L=780mm
NL5000330W002	25,2W	4000K	dimmable	25°	L=780mm
NL5000430K002	33,6W	3000K	dimmable	25°	L=1020mm
NL5000430W002	33,6W	4000K	dimmable	25°	L=1020mm

24Vdc power supply

Components needed for dimming are available upon request.

Effective power
30,24W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,28	0,28	13017
1,0	0,55	0,55	3254
1,5	0,83	0,83	1446
2,0	1,11	1,11	814
2,5	1,39	1,39	521
3,0	1,66	1,66	326

— C = 0°-180° Cd/Klm
····· C = 90°-270° α = 30°
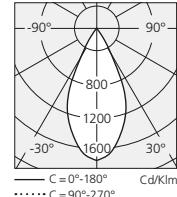
NL5000140K002	8,4W	3000K	dimmable	40°	L=300mm
NL5000140W002	8,4W	4000K	dimmable	40°	L=300mm
NL5000240K002	16,8W	3000K	dimmable	40°	L=540mm
NL5000240W002	16,8W	4000K	dimmable	40°	L=540mm
NL5000340K002	25,2W	3000K	dimmable	40°	L=780mm
NL5000340W002	25,2W	4000K	dimmable	40°	L=780mm
NL5000440K002	33,6W	3000K	dimmable	40°	L=1020mm
NL5000440W002	33,6W	4000K	dimmable	40°	L=1020mm

24Vdc power supply

Components needed for dimming are available upon request.

Effective power
30,24W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,44	0,44	8401
1,0	0,89	0,89	2100
1,5	1,33	1,33	933
2,0	1,77	1,77	525
2,5	2,22	2,22	336
3,0	2,66	2,66	233

— C = 0°-180° Cd/Klm
····· C = 90°-270° α = 12°x36°
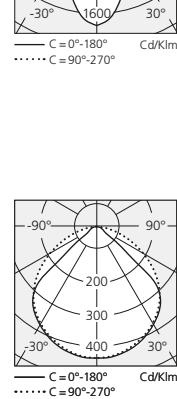
NL50001VSK002	8,4W	3000K	dimmable	140°	L=300mm
NL50001VSW002	8,4W	4000K	dimmable	140°	L=300mm
NL50002VSK002	16,4W	3000K	dimmable	140°	L=540mm
NL50002VSW002	16,4W	4000K	dimmable	140°	L=540mm
NL50003VSK002	25,2W	3000K	dimmable	140°	L=780mm
NL50003VSW002	25,2W	4000K	dimmable	140°	L=780mm
NL50004VSK002	33,6W	3000K	dimmable	140°	L=1020mm
NL50004VSW002	33,6W	4000K	dimmable	140°	L=1020mm

24Vdc power supply
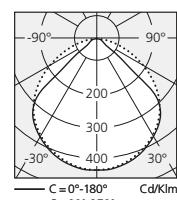
Components needed for dimming are available upon request.

Effective power
30,24W

H m	Ø C0 m	Ø C90 m	E lux
0,5	1,06	1,06	1725
1,0	2,75	2,75	431
1,5	4,13	4,13	192
2,0	5,51	5,51	108
2,5	6,88	6,88	69
3,0	8,26	8,26	48

— C = 0°-180° Cd/Klm
····· C = 90°-270° α = 140°

NL62040	Ballast 40W	24 Vdc	
NL89080	Ballast 70W	24 Vdc	
NL62880	Ballast 150W		24 Vdc

Spike 300	Spike 500	Spike 800	Spike 1000
3	2	1	1
7	3	2	1
15	7	5	3

maximum n° of fixtures per ballast.

NL50005	Antidazzle screen	300mm
NL50006	Antidazzle screen	540mm
NL50007	Antidazzle screen	780mm
NL50008	Antidazzle screen	1020mm

Spike
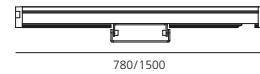
780/1500

⌀ 35

42

Spike

● silver grey

Extruded aluminium profile
3mm-thick transparent
tempered glass
Driver RGB 24Vdc PWM
supplied separately

IP65 ◇ ▽ ● 16,7 M

NL5003110C002	25,2W	P.max	RGB	L=780mm
NL5003130C002	25,2W	P.max	RGB	L=780mm
NL5003140C002	25,2W	P.max	RGB	L=780mm
NL50031VSC002	25,2W	P.max	RGB	L=1500mm
NL5003210C002	50,4W	P.max	RGB	L=1500mm
NL5003230C002	50,4W	P.max	RGB	L=1500mm
NL5003240C002	50,4W	P.max	RGB	L=1500mm
NL50032VSC002	50,4W	P.max	RGB	L=1500mm

24 Vdc PWM power supply

NL81260	LED driver NLX 2-70 IP65 70W 24Vdc PWM
NL84100	LED driver NLX 2-100 IP65 100W 24Vdc PWM

PWM driver for fixtures with autonomous colour programs for stand-alone or controlled
working by means of DMX 512 protocol for installations of all sizes.

Spike RGB 780	Spike RGB 1500
2	1
3	1

Maximum n° of fixtures per LED driver.

NL19030	DSC 30 USB interfaced DMX stand alone

Digital interface provided with software. If connected to the PC USB port, it transforms
the program instructions into DMX 512 control signals.
DSC30 (512 DMX controllable channels, real-time clock, local use) allows computer-interactive
programming and stand-alone mode, that is the possibility of autonomous interface repetition
without PC connection.

NL19031	9V/350mA ballast with mini USB connector for DSC30
NL7833	50cm-long Cable with HE10 connector for connection to a keyboard

NL50035	Antidazzle screen	780mm
NL50036	Antidazzle screen	1500mm

Superspike

2007

- Light fixture with high-performance LED light sources.
- Wall/ceiling installation.
- Monochromatic version: 2 lengths (750, 975mm).
- RGB version: 2 lengths (750, 1450mm).
- Composed by extruded aluminium body, diffuser and protection frame.
- Electrical connection to the ballast by means of 110cm-long two-pole cable H07RN-F, with IP68 terminal board supplied with the fixture.
- Body in extruded EN AW6060 T5 aluminium.
- 24Vdc remote ballast.
- End caps in die-cast aluminium with silicone gasket.
- Diffuser in 8mm-thick UV resistant transparent polycarbonate.
- Painted profile with 2-stage outdoor treatment: primer, outdoor paint.

- Optics. PMMA lenses in 3 different versions of beams.
  10°
  25°
  40°
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- RGB version with red, green and blue monochromatic LEDs.
- IP Rating IP65.
- IP67 terminal board.
- Insulation class III.
- Technical features of light fixtures in compliance with EN60598-1.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

Spot optic

Concentrated luminous flow to highlight
details avoiding unwanted light dispersion.
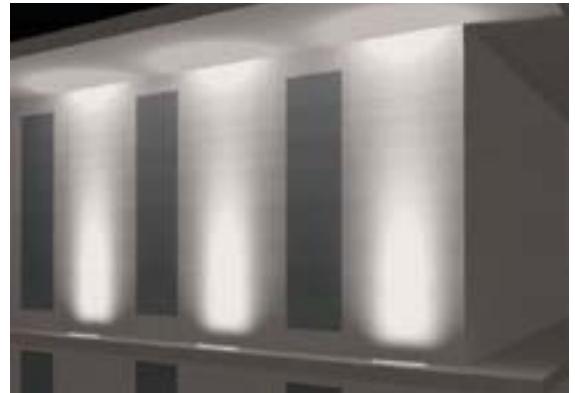
10° optic

Medium optic

Medium luminous flux to highlight
details, large sections of windows.

25° optic

Flood optic

Wide luminous flow suitable
for lighting large areas.

40° optic

Superspike

Superspike

⬤ silver grey

Extruded aluminium profile
3mm-thick transparent
tempered glass
Remote ballast supplied
separately

IP65

NL7166010K0	50,4W	3000K	dimmable	10°	L=750mm
NL7166010W0	50,4W	4000K	dimmable	10°	L=750mm
NL7167010K0	67,2W	3000K	dimmable	10°	L=975mm
NL7167010W0	67,2W	4000K	dimmable	10°	L=975mm

24Vdc power supply

Components needed for dimming are available upon request.

Effective power 80,64W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,13	0,13	87372
1,0	0,25	0,25	21843
1,5	0,38	0,38	9708
2,0	0,51	0,51	5461
2,5	0,63	0,63	3495
3,0	0,76	0,76	2427

— C = 0°-180°   Cd/Klm
⋯⋯ C = 90°-270°   α = 11°
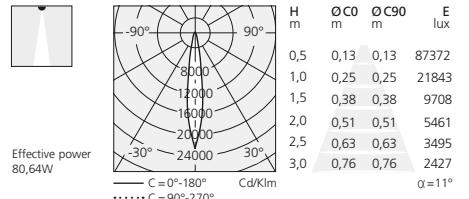
NL7166025K0	50,4W	3000K	dimmable	25°	L=750mm
NL7166025W0	50,4W	4000K	dimmable	25°	L=750mm
NL7167025K0	67,2W	3000K	dimmable	25°	L=975mm
NL7167025W0	67,2W	4000K	dimmable	25°	L=975mm

24Vdc power supply

Components needed for dimming are available upon request.

Effective power 80,64W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,19	0,19	47198
1,0	0,38	0,38	11799
1,5	0,57	0,57	5244
2,0	0,76	0,76	2950
2,5	0,94	0,94	1888
3,0	1,13	1,13	1311

— C = 0°-180°   Cd/Klm
⋯⋯ C = 90°-270°   α = 30°
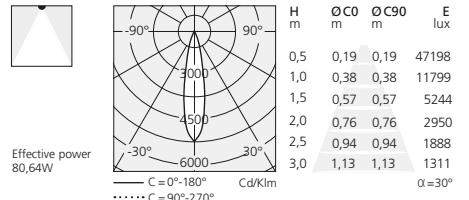
NL7166040K0	50,4W	3000K	dimmable	40°	L=750mm
NL7166040W0	50,4W	4000K	dimmable	40°	L=750mm
NL7167040K0	67,2W	3000K	dimmable	40°	L=975mm
NL7167040W0	67,2W	4000K	dimmable	40°	L=975mm

24Vdc power supply

Components needed for dimming are available upon request.

Effective power 80,64W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,33	0,33	16127
1,0	0,67	0,67	4032
1,5	1,00	1,00	1792
2,0	1,34	1,34	1008
2,5	1,67	1,67	645
3,0	2,01	2,01	448

— C = 0°-180°   Cd/Klm
⋯⋯ C = 90°-270°   α = 12°x36°
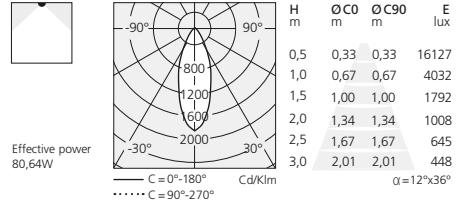
NL89080	Ballast 70W	24 Vdc
NL62880	Ballast 150W	24 Vdc

Super Spike 750	Super Spike 975
1	
2	1

maximum n° of fixtures per ballast.

Superspike
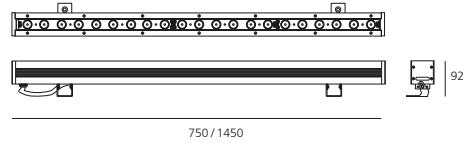
750 / 1450

Superspike

● silver grey

Extruded aluminium profile
3mm-thick transparent
tempered glass
Driver RGB 24Vdc PWM
fornito a parte

IP65 ◇ F̱ 🔴 16,7 M

NL756510C0	50,4W	P.max	RGB	L=750mm
NL756525C0	50,4W	P.max	RGB	L=750mm
NL756540C0	50,4W	P.max	RGB	L=750mm
NL756610C0	100,8W	P.max	RGB	L=1450mm
NL756625C0	100,8W	P.max	RGB	L=1450mm
NL756640C0	100,8W	P.max	RGB	L=1450mm

24 Vdc PWM power supply

Connecting diagram
see pag. 286

NL81260	LED driver NLX 2-70 IP65 70W 24Vdc	PWM
NL84100	LED driver NLX 2-100 IP65 100W 24Vdc	PWM

PWM driver for fixtures with autonomous colour programs for stand-alone or controlled
working by means of DMX 512 protocol for installations of all sizes.

NL19030	DSC 30 USB interfaced DMX stand alone

Digital interface provided with software. If connected to the PC USB port, it transforms
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DSC30 (512 DMX controllable channels, real-time clock, local use) allows computer-interactive
programming and stand-alone mode, that is the possibility of autonomous interface repetition
without PC connection.

NL19031	9V/350mA ballast with mini USB connector for DSC30
NL7833	50cm-long Cable with HE10 connector for connection to a keyboard

Super Spike RGB 750	Super Spike RGB 1450
1	
1	1

Maximum n° of fixtures per LED driver.

Percorso

design

Neil Poulton
2011

- Light fixture with high-performance LED light sources.
- Recessed wall installation.
- 3 lengths (240, 600, 970mm).
- Monochromatic light.
- Composed by body in extruded aluminium, protection glass; provided with junction box for input/output connection.
- Electrical connection to the ballast by means of 100cm-long two-pole cable H05RN-F, with IP68 quick-release terminal block, which is supplied with the fixture and can be housed in the recessing box; wall recessing box in steel.
- Body in extruded EN AW6060 T5 aluminum.
- 24Vdc remote ballast.
- End caps in extruded aluminium with silicone gasket.
- 4mm-thick transparent tempered glass.
- Glass surface temperature lower than 35°.
- Recessing box in extruded aluminium for laying in, with end caps and accessories for series connection (to be ordered separately).
- Fixture-recessing box fixing by means of proper seats on the extruded profile.

- Painted profile with 2-stage outdoor treatment: primer, outdoor paint.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- IP Rating IP65.
- Insulation class III.
- Percorso 30:
  Connect a maximum number of 40 fixtures in a continuous line.
- Percorso 60:
  Connect a maximum number of 16 fixtures in a continuous line.
- Percorso 100:
  Connect a maximum number of 10 fixtures in a continuous line.
- Technical features of light fixtures in compliance with EN60598-1.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

Percorso

256/616/976

98

56

Percorso

○ white
● black

Extruded aluminium profile
4mm-thick tempered glass
Remote ballast supplied
separately
Recessing box supplied
separately

IP65

NL50026VSK006	2W	3000K	dimmable	L=256mm	○	white
NL50026VSK004	2W	4000K	dimmable	L=256mm	●	black
NL50026VSW006	2W	3000K	dimmable	L=256mm	○	white
NL50026VSW004	2W	4000K	dimmable	L=256mm	●	black
NL50014VSK006	5W	4000K	dimmable	L=616mm	○	white
NL50014VSK004	5W	3000K	dimmable	L=616mm	●	black
NL50014VSW006	5W	4000K	dimmable	L=616mm	○	white
NL50014VSW004	5W	3000K	dimmable	L=616mm	●	black
NL50015VSK006	8W	4000K	dimmable	L=976mm	○	white
NL50015VSK004	8W	3000K	dimmable	L=976mm	●	black
NL50015VSW006	8W	4000K	dimmable	L=976mm	○	white
NL50015VSW004	8W	4000K	dimmable	L=976mm	●	black

24Vdc power supply

Components needed for dimming are available upon request.

NL62040	Ballast 40W	24 Vdc
NL89080	Ballast 70W	24 Vdc
NL62880	Ballast 150W	24 Vdc

Effective power
9,6W

—— C = 0°-180°
······ C = 90°-270°

90°

Cd/Klm
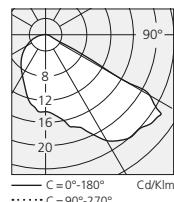
Percorso 256	Percorso 616	Percorso 976
16	6	4
30	12	7
40	16	10

maximum n° of fixtures per ballast.

NL50028H0	Recessing box	Single/Side Percorso	240 mm	L=268mm
NL50029H0	Recessing box	Central Percorso	240 mm	L=256mm
NL50018H0	Recessing box	Single/Side Percorso	600 mm	L=628mm
NL50019H0	Recessing box	Central Percorso	600 mm	L=616mm
NL50020H0	Recessing box	Single/Side Percorso	970 mm	L=988mm
NL50021H0	Recessing box	Central Percorso	970 mm	L=976mm

NL50025006	Percorso end pieces (Dx Sx)	○	white
NL50025004	Percorso end pieces (Dx Sx)	●	black
NL50024	Percorso pair of end pieces for external recessed housing		
NL10446	Connector stopper		

Percorso

Recessing box
end cap

Recessing
box

End cap

Percorso

Recessing box
end cap

Recessing box
central

End cap

Percorso

Recessing box
side

Recessing box
connector stopper

- Downlight fixture with high-performance LED light sources.
- Recessed suspended ceiling installation.
- 5 sizes (55, 90, 150, 220, 320 mm).
- Round and square version.
- Composed by body, frame, black silkscreened tempered glass.
- Body in EN AB44100 aluminium, silicone gaskets; provided with 30 cm-long pre-resined three-pole connection cable H07RN-F (H05RN-F for versions 55 and 90). Electronic ballast integrated in the body; for versions 90 and 55: 24V power supply.
- Frame in aluminium or stainless steel.
- Power connection to the mains by means of the IP67 connector supplied with the light fixture, suitable for cables with a diameter from 5 to 13.5 mm.
- Adjustable optics. PMMA lenses in 3 different versions of beams.

- White monochromatic LEDs available in 3 colour temperatures:

  Warm   = 3000K
  Neutral = 4000K
  Cold   = 6000K
- Screws in AISI 316 stainless steel.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- IP Rating IP65-IP67.
- ENEC approved.
- Versions 55 and 90: insulation class III.
- Versions 150, 220 and 320: insulation class I.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

Spot optic

Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

Flood optic

Wide luminous flow suitable for lighting large areas.

Wall Washer optic

Elliptical distribution of the luminous flow suitable for wall washer effect.

Naiade downlight

Built-in springs

Naiade 55 downlight
Recessed depth 94 mm

⌀ 47 ±1 mm

Naiade 90 downlight
Recessed depth 90 mm

⌀ 80 ±2 mm

□ 80 ±2 mm

Naiade 150 downlight
Recessed depth 120 mm

⌀ 135 ±2 mm

□ 135 ±2 mm

Lighting unit

Built-in brackets

Round or square frame in aluminium or stainless steel.
Silkscreened tempered glass.
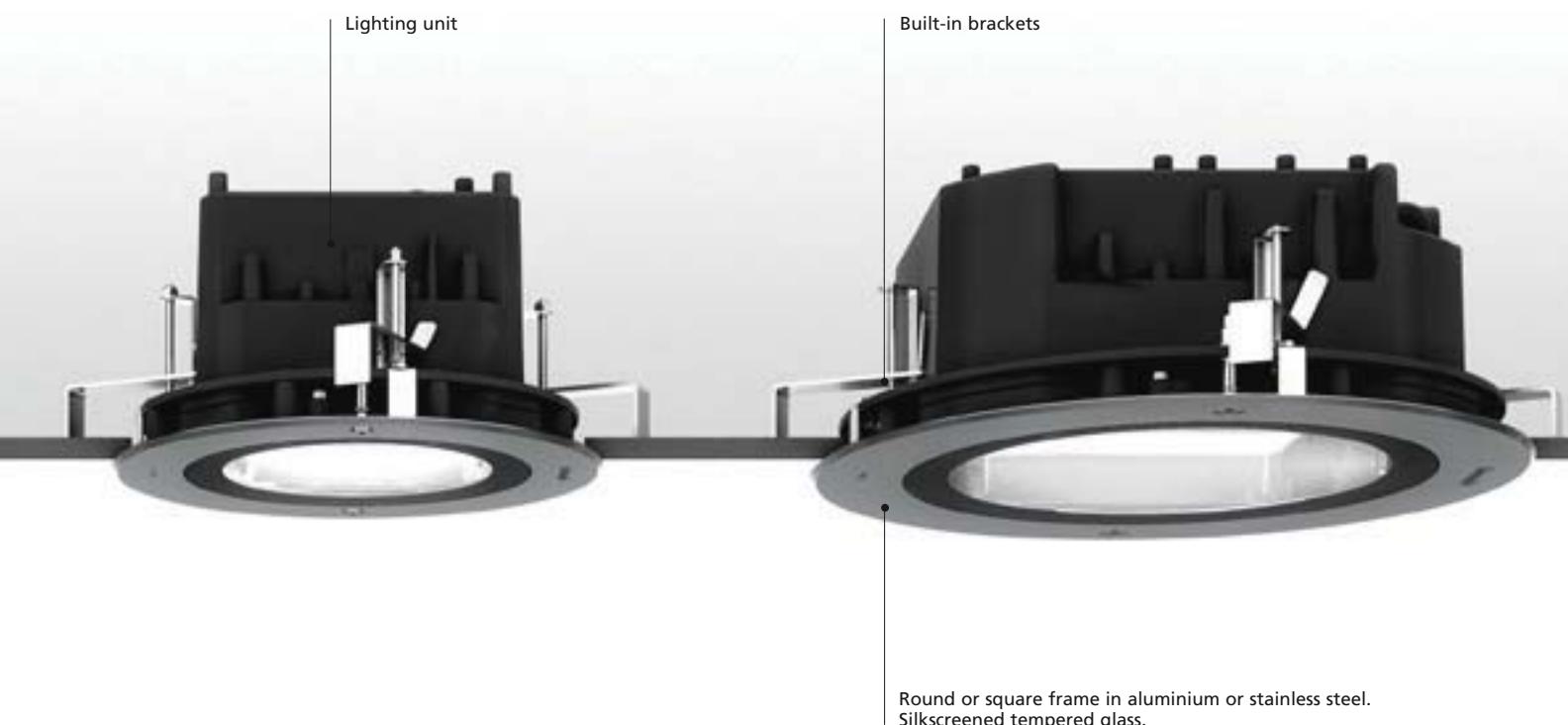
Naiade 220 downlight
Recessed depth 117 mm

ø 203 ±2 mm

□ 203 ±2 mm

Naiade 320 downlight
Recessed depth 116 mm

ø 300 ±2 mm

□ 304 ±2 mm

Naiade 55 downlight Round aluminium

Painted aluminium ring (3mm)
Glass thickness 8 mm
Installation with built-in springs

IP65/67 **IK**10

T408110W00	1 LED	1W	3000K	11°
T408110N00	1 LED	1W	4000K	11°
T408110C00	1 LED	1W	6000K	11°
electronic 24Vdc					

Fixed beam

Effective power 1,44W

H m	ØC0 m	ØC90 m	E lux
0,5	0,11	0,11	3226
1,0	0,22	0,22	807
1,5	0,34	0,34	358
2,0	0,45	0,45	202
2,5	0,56	0,56	129
3,0	0,67	0,67	90

α=11°

T408139W00	1 LED	1W	3000K	30°
T408139N00	1 LED	1W	4000K	30°
T408139C00	1 LED	1W	6000K	30°
electronic 24Vdc					

Fixed beam

Effective power 1,44W

H m	ØC0 m	ØC90 m	E lux
0,5	0,27	0,27	833
1,0	0,54	0,54	208
1,5	0,80	0,80	93
2,0	1,07	1,07	52
2,5	1,34	1,34	33
3,0	1,61	1,61	23

α=30°

T4081ELW00	1 LED	1W	3000K	12°x36°
T4081ELN00	1 LED	1W	4000K	12°x36°
T4081ELC00	1 LED	1W	6000K	12°x36°
electronic 24Vdc					

Fixed beam

Effective power 1,44W

H m	ØC0 m	ØC90 m	E lux
0,5	0,13	0,25	1552
1,0	0,26	0,51	381
1,5	0,39	0,76	169
2,0	0,52	1,01	95
2,5	0,65	1,27	61
3,0	0,78	1,52	42

α=12°x36°

Naiade 55 downlight Round steel

AISI 316 stainless steel ring (3mm)
Glass thickness 8 mm
Installation with built-in springs

IP65/67 **IK**10

T408010W00	1 LED	1W	3000K	11°
T408010N00	1 LED	1W	4000K	11°
T408010C00	1 LED	1W	6000K	11°
electronic 24Vdc					

Fixed beam

Effective power 1,44W

H m	ØC0 m	ØC90 m	E lux
0,5	0,11	0,11	3226
1,0	0,22	0,22	807
1,5	0,34	0,34	358
2,0	0,45	0,45	202
2,5	0,56	0,56	129
3,0	0,67	0,67	90

α=11°

T408039W00	1 LED	1W	3000K	30°
T408039N00	1 LED	1W	4000K	30°
T408039C00	1 LED	1W	6000K	30°
electronic 24Vdc					

Fixed beam

Effective power 1,44W

H m	ØC0 m	ØC90 m	E lux
0,5	0,27	0,27	833
1,0	0,54	0,54	208
1,5	0,80	0,80	93
2,0	1,07	1,07	52
2,5	1,34	1,34	33
3,0	1,61	1,61	23

α=30°

T4080ELW00	1 LED	1W	3000K	12°x36°
T4080ELN00	1 LED	1W	4000K	12°x36°
T4080ELC00	1 LED	1W	6000K	12°x36°
electronic 24Vdc					

Fixed beam

Effective power 1,44W

H m	ØC0 m	ØC90 m	E lux
0,5	0,13	0,25	1552
1,0	0,26	0,51	381
1,5	0,39	0,76	169
2,0	0,52	1,01	95
2,5	0,65	1,27	61
3,0	0,78	1,52	42

α=12°x36°

**Naiade 55 downlight
Square aluminium**

Painted aluminium ring
(3mm)
Glass thickness 8 mm
Installation with built-in
springs

IP65/67 **IK**10

T406110W00	1 LED	1W	3000K	11°	
T406110N00	1 LED	1W	4000K	11°	
T406110C00	1 LED	1W	6000K	11°	
electronic 24Vdc					

Fixed beam

Effective power
1,44W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,11	0,11	3226
1,0	0,22	0,22	807
1,5	0,34	0,34	358
2,0	0,45	0,45	202
2,5	0,56	0,56	129
3,0	0,67	0,67	90

C = 0°-180° Cd/Klm
C = 90°-270° α = 11°

T406139W00	1 LED	1W	3000K	30°	
T406139N00	1 LED	1W	4000K	30°	
T406139C00	1 LED	1W	6000K	30°	
electronic 24Vdc					

Fixed beam

Effective power
1,44W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,27	0,27	833
1,0	0,54	0,54	208
1,5	0,80	0,80	93
2,0	1,07	1,07	52
2,5	1,34	1,34	33
3,0	1,61	1,61	23

C = 0°-180° Cd/Klm
C = 90°-270° α = 30°

T4061ELW00	1 LED	1W	3000K	12°x36°	
T4061ELN00	1 LED	1W	4000K	12°x36°	
T4061ELC00	1 LED	1W	6000K	12°x36°	
electronic 24Vdc					

Fixed beam

Effective power
1,44W
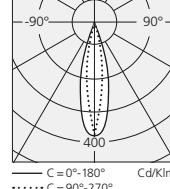
H m	Ø C0 m	Ø C90 m	E lux
0,5	0,13	0,25	1552
1,0	0,26	0,51	381
1,5	0,39	0,76	169
2,0	0,52	1,01	95
2,5	0,65	1,27	61
3,0	0,78	1,52	42

C = 0°-180° Cd/Klm
C = 90°-270° α = 12°x36°

**Naiade 55 downlight
Square steel**

AISI 316 stainless steel ring
(3mm)
Glass thickness 8 mm
Installation with built-in
springs

IP65/67 **IK**10

T406010W00	1 LED	1W	3000K	11°	
T406010N00	1 LED	1W	4000K	11°	
T406010C00	1 LED	1W	6000K	11°	
electronic 24Vdc					

Fixed beam

Effective power
1,44W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,11	0,11	3226
1,0	0,22	0,22	807
1,5	0,34	0,34	358
2,0	0,45	0,45	202
2,5	0,56	0,56	129
3,0	0,67	0,67	90

C = 0°-180° Cd/Klm
C = 90°-270° α = 11°

T406039W00	1 LED	1W	3000K	30°	
T406039N00	1 LED	1W	4000K	30°	
T406039C00	1 LED	1W	6000K	30°	
electronic 24Vdc					

Fixed beam

Effective power
1,44W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,27	0,27	833
1,0	0,54	0,54	208
1,5	0,80	0,80	93
2,0	1,07	1,07	52
2,5	1,34	1,34	33
3,0	1,61	1,61	23

C = 0°-180° Cd/Klm
C = 90°-270° α = 30°

T4060ELW00	1 LED	1W	3000K	12°x36°	
T4060ELN00	1 LED	1W	4000K	12°x36°	
T4060ELC00	1 LED	1W	6000K	12°x36°	
electronic 24Vdc					

Fixed beam

Effective power
1,44W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,13	0,25	1552
1,0	0,26	0,51	381
1,5	0,39	0,76	169
2,0	0,52	1,01	95
2,5	0,65	1,27	61
3,0	0,78	1,52	42

C = 0°-180° Cd/Klm
C = 90°-270° α = 12°x36°

90
ø 90   ø 80 ±2mm
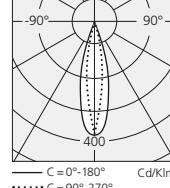
Naiade 90 downlight
Round aluminium

Painted aluminium ring
(3mm)
Glass thickness 10 mm
Installation with built-in
springs

IP65/67 **IK**10

T408310W00	3 LED	3,3W	3000K	10°
T408310N00	3 LED	3,3W	4000K	10°
T408310C00	3 LED	3,3W	6000K	10°
electronic 24Vdc				
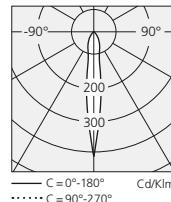
Adjustable beam
+0° -8°

Effective power
3,7W

— C = 0°-180°   Cd/Klm
······ C = 90°-270°

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,11	0,11	1693
1,0	0,23	0,23	423
1,5	0,34	0,34	188
2,0	0,46	0,46	106
2,5	0,57	0,57	68
3,0	0,68	0,68	47
			α=10°

T408339W00	3 LED	3,3W	3000K	25°
T408339N00	3 LED	3,3W	4000K	25°
T408339C00	3 LED	3,3W	6000K	25°
electronic 24Vdc				
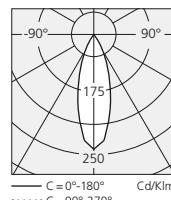
Adjustable beam
+0° -8°

Effective power
3,7W

— C = 0°-180°   Cd/Klm
······ C = 90°-270°

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,29	0,29	939
1,0	0,57	0,57	235
1,5	0,86	0,86	104
2,0	1,15	1,15	59
2,5	1,43	1,43	38
3,0	1,72	1,72	26
			α=25°

T4083ELW00	3 LED	3,3W	3000K	35°
T4083ELN00	3 LED	3,3W	4000K	35°
T4083ELC00	3 LED	3,3W	6000K	35°
electronic 24Vdc				

Adjustable beam
+0° -8°

Effective power
3,7W

— C = 0°-180°   Cd/Klm
······ C = 90°-270°

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,30	0,30	1005
1,0	0,60	0,60	251
1,5	0,90	0,90	112
2,0	1,20	1,20	63
2,5	1,50	1,50	40
3,0	1,80	1,80	28
			α=35°

90
ø 90   ø 80 ±2mm

Naiade 90 downlight
Round steel

AISI 316 stainless steel ring
(3mm)
Glass thickness 10 mm
Installation with built-in
springs

IP65/67 **IK**10

T408210W00	3 LED	3,3W	3000K	10°
T408210N00	3 LED	3,3W	4000K	10°
T408210C00	3 LED	3,3W	6000K	10°
electronic 24Vdc				
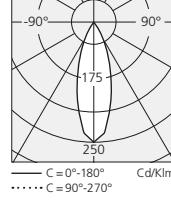
Adjustable beam
+0° -8°

Effective power
3,7W

— C = 0°-180°   Cd/Klm
······ C = 90°-270°

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,11	0,11	1693
1,0	0,23	0,23	423
1,5	0,34	0,34	188
2,0	0,46	0,46	106
2,5	0,57	0,57	68
3,0	0,68	0,68	47
			α=10°

T408239W00	3 LED	3,3W	3000K	25°
T408239N00	3 LED	3,3W	4000K	25°
T408239C00	3 LED	3,3W	6000K	25°
electronic 24Vdc				

Adjustable beam
+0° -8°

Effective power
3,7W

— C = 0°-180°   Cd/Klm
······ C = 90°-270°

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,29	0,29	939
1,0	0,57	0,57	235
1,5	0,86	0,86	104
2,0	1,15	1,15	59
2,5	1,43	1,43	38
3,0	1,72	1,72	26
			α=25°

T4082ELW00	3 LED	3,3W	3000K	35°
T4082ELN00	3 LED	3,3W	4000K	35°
T4082ELC00	3 LED	3,3W	6000K	35°
electronic 24Vdc				
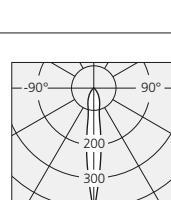
Adjustable beam
+0° -8°

Effective power
3,7W

— C = 0°-180°   Cd/Klm
······ C = 90°-270°

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,30	0,30	1005
1,0	0,60	0,60	251
1,5	0,90	0,90	112
2,0	1,20	1,20	63
2,5	1,50	1,50	40
3,0	1,80	1,80	28
			α=35°
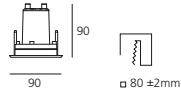
Naiade 90 downlight Square aluminium

Painted aluminium ring
(3mm)
Glass thickness 10 mm
Installation with built-in
springs

IP65/67 **IK**10

T406310W00	3 LED	3,3W	3000K	10°
T406310N00	3 LED	3,3W	4000K	10°
T406310C00	3 LED	3,3W	6000K	10°
electronic 24Vdc				

Adjustable beam
+0° -8°

Effective power
3,7W

H m	ØC0 m	ØC90 m	E lux
0,5	0,11	0,11	1693
1,0	0,23	0,23	423
1,5	0,34	0,34	188
2,0	0,46	0,46	106
2,5	0,57	0,57	68
3,0	0,68	0,68	47

C = 0°-180° Cd/Klm
C = 90°-270° α=10°

T406339W00	3 LED	3,3W	3000K	25°
T406339N00	3 LED	3,3W	4000K	25°
T406339C00	3 LED	3,3W	6000K	25°
electronic 24Vdc				

Adjustable beam
+0° -8°

Effective power
3,7W

H m	ØC0 m	ØC90 m	E lux
0,5	0,29	0,29	939
1,0	0,57	0,57	235
1,5	0,86	0,86	104
2,0	1,15	1,15	59
2,5	1,43	1,43	38
3,0	1,72	1,72	26

C = 0°-180° Cd/Klm
C = 90°-270° α=25°

T4063ELW00	3 LED	3,3W	3000K	35°
T4063ELN00	3 LED	3,3W	4000K	35°
T4063ELC00	3 LED	3,3W	6000K	35°
electronic 24Vdc				

Adjustable beam
+0° -8°

Effective power
3,7W

H m	ØC0 m	ØC90 m	E lux
0,5	0,30	0,30	1005
1,0	0,60	0,60	251
1,5	0,90	0,90	112
2,0	1,20	1,20	63
2,5	1,50	1,50	40
3,0	1,80	1,80	28

C = 0°-180° Cd/Klm
C = 90°-270° α=35°

Naiade 90 downlight Square steel

AISI 316 stainless steel ring
(3mm)
Glass thickness 10 mm
Installation with built-in
springs

IP65/67 **IK**10

T406210W00	3 LED	3,3W	3000K	10°
T406210N00	3 LED	3,3W	4000K	10°
T406210C00	3 LED	3,3W	6000K	10°
electronic 24Vdc				

Adjustable beam
+0° -8°

Effective power
3,7W

H m	ØC0 m	ØC90 m	E lux
0,5	0,11	0,11	1693
1,0	0,23	0,23	423
1,5	0,34	0,34	188
2,0	0,46	0,46	106
2,5	0,57	0,57	68
3,0	0,68	0,68	47

C = 0°-180° Cd/Klm
C = 90°-270° α=10°

T406239W00	3 LED	3,3W	3000K	25°
T406239N00	3 LED	3,3W	4000K	25°
T406239C00	3 LED	3,3W	6000K	25°
electronic 24Vdc				

Adjustable beam
+0° -8°

Effective power
3,7W

H m	ØC0 m	ØC90 m	E lux
0,5	0,29	0,29	939
1,0	0,57	0,57	235
1,5	0,86	0,86	104
2,0	1,15	1,15	59
2,5	1,43	1,43	38
3,0	1,72	1,72	26

C = 0°-180° Cd/Klm
C = 90°-270° α=25°

T4062ELW00	3 LED	3,3W	3000K	35°
T4062ELN00	3 LED	3,3W	4000K	35°
T4062ELC00	3 LED	3,3W	6000K	35°
electronic 24Vdc				

Adjustable beam
+0° -8°

Effective power
3,7W

H m	ØC0 m	ØC90 m	E lux
0,5	0,30	0,30	1005
1,0	0,60	0,60	251
1,5	0,90	0,90	112
2,0	1,20	1,20	63
2,5	1,50	1,50	40
3,0	1,80	1,80	28

C = 0°-180° Cd/Klm
C = 90°-270° α=35°

120

ø 150   ø 135 ±2mm

Naiade 150 downlight
Round aluminium

Painted aluminium ring
(3mm)
Aluminium secondary frame
Glass thickness 8 mm
Installation with built-in
brackets

IP65/67 **IK**10

T408510W00	4 LED	6,3W	3000K	6°
T408510N00	4 LED	6,3W	4000K	6°
T408510C00	4 LED	6,3W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
7,9W

H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	46928
1,0	0,09	0,09	11732
1,5	0,14	0,14	5214
2,0	0,19	0,19	2933
2,5	0,24	0,24	1877
3,0	0,28	0,28	1304
			α=6°

— C = 0°-180°   Cd/Klm
····· C = 90°-270°

T408539W00	4 LED	6,3W	3000K	32°
T408539N00	4 LED	6,3W	4000K	32°
T408539C00	4 LED	6,3W	6000K	32°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
7,9W

H m	ØC0 m	ØC90 m	E lux
0,5	0,30	0,30	3342
1,0	0,60	0,60	836
1,5	0,89	0,89	371
2,0	1,19	1,19	209
2,5	1,49	1,49	134
3,0	1,79	1,79	93
			α=32°

— C = 0°-180°   Cd/Klm
····· C = 90°-270°

T4085ELW00	4 LED	6,3W	3000K	6°x45°
T4085ELN00	4 LED	6,3W	4000K	6°x45°
T4085ELC00	4 LED	6,3W	6000K	6°x45°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
7,9W

H m	ØC0 m	ØC90 m	E lux
0,5	0,45	0,06	9479
1,0	0,89	0,12	2370
1,5	1,34	0,18	1053
2,0	1,78	0,24	592
2,5	2,23	0,31	379
3,0	2,67	0,37	263
			α=6°x45°

— C = 0°-180°   Cd/Klm
····· C = 90°-270°

120

ø 150   ø 135 ±2mm

Naiade 150 downlight
Round steel

AISI 316 stainless steel ring
(3mm)
Aluminium secondary frame
Installation with built-in
brackets

IP65/67 **IK**10

T408410W00	4 LED	6,3W	3000K	6°
T408410N00	4 LED	6,3W	4000K	6°
T408410C00	4 LED	6,3W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
7,9W

H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	46928
1,0	0,09	0,09	11732
1,5	0,14	0,14	5214
2,0	0,19	0,19	2933
2,5	0,24	0,24	1877
3,0	0,28	0,28	1304
			α=6°

— C = 0°-180°   Cd/Klm
····· C = 90°-270°

T408439W00	4 LED	6,3W	3000K	32°
T408439N00	4 LED	6,3W	4000K	32°
T408439C00	4 LED	6,3W	6000K	32°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
7,9W

H m	ØC0 m	ØC90 m	E lux
0,5	0,30	0,30	3342
1,0	0,60	0,60	836
1,5	0,89	0,89	371
2,0	1,19	1,19	209
2,5	1,49	1,49	134
3,0	1,79	1,79	93
			α=32°

— C = 0°-180°   Cd/Klm
····· C = 90°-270°

T4084ELW00	4 LED	6,3W	3000K	6°x45°
T4084ELN00	4 LED	6,3W	4000K	6°x45°
T4084ELC00	4 LED	6,3W	6000K	6°x45°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
7,9W

H m	ØC0 m	ØC90 m	E lux
0,5	0,45	0,06	9479
1,0	0,89	0,12	2370
1,5	1,34	0,18	1053
2,0	1,78	0,24	592
2,5	2,23	0,31	379
3,0	2,67	0,37	263
			α=6°x45°

— C = 0°-180°   Cd/Klm
····· C = 90°-270°

**Naiade 150 downlight
Square aluminium**

Painted aluminium ring
(3mm)
Aluminium secondary frame
Glass thickness 8 mm
Installation with built-in
brackets

IP65/67 **IK**10

T406510W00	4 LED	6,3W	3000K	6°
T406510N00	4 LED	6,3W	4000K	6°
T406510C00	4 LED	6,3W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
7,9W

— C = 0°-180°   Cd/Klm
····· C = 90°-270°

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,05	0,05	46928
1,0	0,09	0,09	11732
1,5	0,14	0,14	5214
2,0	0,19	0,19	2933
2,5	0,24	0,24	1877
3,0	0,28	0,28	1304
			α=6°

T406539W00	4 LED	6,3W	3000K	32°
T406539N00	4 LED	6,3W	4000K	32°
T406539C00	4 LED	6,3W	6000K	32°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
7,9W

— C = 0°-180°   Cd/Klm
····· C = 90°-270°

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,30	0,30	3342
1,0	0,60	0,60	836
1,5	0,89	0,89	371
2,0	1,19	1,19	209
2,5	1,49	1,49	134
3,0	1,79	1,79	93
			α=32°

T4065ELW00	4 LED	6,3W	3000K	6°x45°
T4065ELN00	4 LED	6,3W	4000K	6°x45°
T4065ELC00	4 LED	6,3W	6000K	6°x45°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
7,9W

— C = 0°-180°   Cd/Klm
····· C = 90°-270°

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,45	0,06	9479
1,0	0,89	0,12	2370
1,5	1,34	0,18	1053
2,0	1,78	0,24	592
2,5	2,23	0,31	379
3,0	2,67	0,37	263
			α=6°x45°

120
150
□ 135 ±2mm

**Naiade 150 downlight
Square steel**

AISI 316 stainless steel ring
(3mm)
Aluminium secondary frame
Installation with built-in
brackets

IP65/67 **IK**10

T406410W00	4 LED	6,3W	3000K	6°
T406410N00	4 LED	6,3W	4000K	6°
T406410C00	4 LED	6,3W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
7,9W

— C = 0°-180°   Cd/Klm
····· C = 90°-270°

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,05	0,05	46928
1,0	0,09	0,09	11732
1,5	0,14	0,14	5214
2,0	0,19	0,19	2933
2,5	0,24	0,24	1877
3,0	0,28	0,28	1304
			α=6°

T406439W00	4 LED	6,3W	3000K	32°
T406439N00	4 LED	6,3W	4000K	32°
T406439C00	4 LED	6,3W	6000K	32°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
7,9W

— C = 0°-180°   Cd/Klm
····· C = 90°-270°

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,30	0,30	3342
1,0	0,60	0,60	836
1,5	0,89	0,89	371
2,0	1,19	1,19	209
2,5	1,49	1,49	134
3,0	1,79	1,79	93
			α=32°

T4064ELW00	4 LED	6,3W	3000K	6°x45°
T4064ELN00	4 LED	6,3W	4000K	6°x45°
T4064ELC00	4 LED	6,3W	6000K	6°x45°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
7,9W

— C = 0°-180°   Cd/Klm
····· C = 90°-270°

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,45	0,06	9479
1,0	0,89	0,12	2370
1,5	1,34	0,18	1053
2,0	1,78	0,24	592
2,5	2,23	0,31	379
3,0	2,67	0,37	263
			α=6°x45°

120
150
□ 135 ±2mm

Naiade 220 downlight

Naiade 220 downlight
Round aluminium

Painted aluminium ring
(3mm)
Aluminium secondary frame
Glass thickness 8 mm
Installation with built-in
brackets

IP65/67 **IK**10

T408710W00	9 LED	13,8W	3000K	6°
T408710N00	9 LED	13,8W	4000K	6°
T408710C00	9 LED	13,8W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
15,9W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,05	0,05	65736
1,0	0,11	0,11	16434
1,5	0,16	0,16	7304
2,0	0,22	0,22	4109
2,5	0,27	0,27	2629
3,0	0,32	0,32	1826
			α=6°
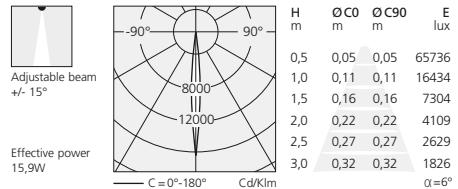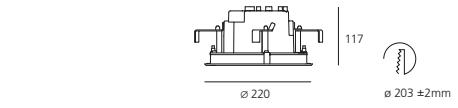
T408739W00	9 LED	13,8W	3000K	32°
T408739N00	9 LED	13,8W	4000K	32°
T408739C00	9 LED	13,8W	6000K	32°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
15,9W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,32	0,32	6444
1,0	0,63	0,63	1611
1,5	0,95	0,95	716
2,0	1,26	1,26	403
2,5	1,58	1,58	258
3,0	1,89	1,89	179
			α=32°
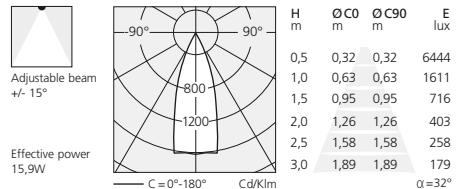
T4087ELW00	9 LED	13,8W	3000K	6°x45°
T4087ELN00	9 LED	13,8W	4000K	6°x45°
T4087ELC00	9 LED	13,8W	6000K	6°x45°
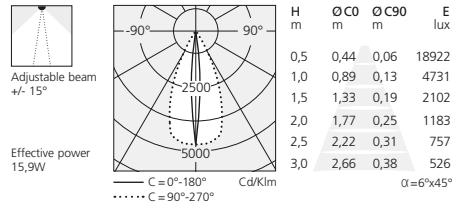
220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
15,9W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,44	0,06	18922
1,0	0,89	0,13	4731
1,5	1,33	0,19	2102
2,0	1,77	0,25	1183
2,5	2,22	0,31	757
3,0	2,66	0,38	526
			α=6°x45°

ø 220   ø 203 ±2mm   117

Naiade 220 downlight
Round steel

AISI 316 stainless steel ring
(3mm)
Aluminium secondary frame
Glass thickness 8 mm
Installation with built-in
brackets

IP65/67 **IK**10

T408610W00	9 LED	13,8W	3000K	6°
T408610N00	9 LED	13,8W	4000K	6°
T408610C00	9 LED	13,8W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
15,9W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,05	0,05	65736
1,0	0,11	0,11	16434
1,5	0,16	0,16	7304
2,0	0,22	0,22	4109
2,5	0,27	0,27	2629
3,0	0,32	0,32	1826
			α=6°
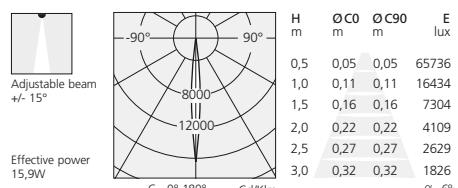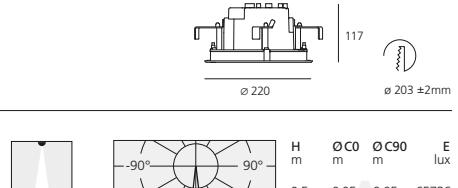
T408639W00	9 LED	13,8W	3000K	32°
T408639N00	9 LED	13,8W	4000K	32°
T408639C00	9 LED	13,8W	6000K	32°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
15,9W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,32	0,32	6444
1,0	0,63	0,63	1611
1,5	0,95	0,95	716
2,0	1,26	1,26	403
2,5	1,58	1,58	258
3,0	1,89	1,89	179
			α=32°
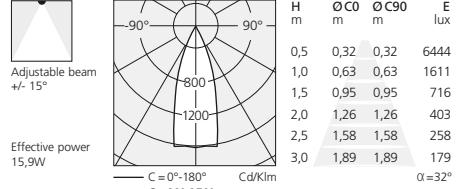
T4086ELW00	9 LED	13,8W	3000K	6°x45°
T4086ELN00	9 LED	13,8W	4000K	6°x45°
T4086ELC00	9 LED	13,8W	6000K	6°x45°
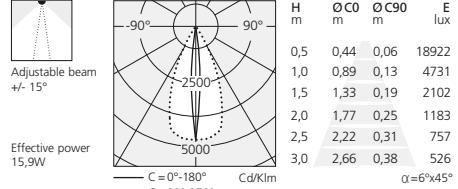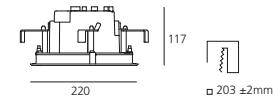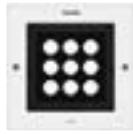
220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
15,9W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,44	0,06	18922
1,0	0,89	0,13	4731
1,5	1,33	0,19	2102
2,0	1,77	0,25	1183
2,5	2,22	0,31	757
3,0	2,66	0,38	526
			α=6°x45°

ø 220   ø 203 ±2mm   117

**Naiade 220 downlight
Square aluminium**

Painted aluminium ring
(3mm)
Aluminium secondary frame
Glass thickness 8 mm
Installation with built-in
brackets

IP65/67 **IK**10

T406710W00	9 LED	13,8W	3000K	6°
T406710N00	9 LED	13,8W	4000K	6°
T406710C00	9 LED	13,8W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 15,9W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,05	0,05	65736
1,0	0,11	0,11	16434
1,5	0,16	0,16	7304
2,0	0,22	0,22	4109
2,5	0,27	0,27	2629
3,0	0,32	0,32	1826

— C = 0°-180° ······ C = 90°-270° Cd/Klm α =6°

T406739W00	9 LED	13,8W	3000K	32°
T406739N00	9 LED	13,8W	4000K	32°
T406739C00	9 LED	13,8W	6000K	32°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 15,9W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,32	0,32	6444
1,0	0,63	0,63	1611
1,5	0,95	0,95	716
2,0	1,26	1,26	403
2,5	1,58	1,58	258
3,0	1,89	1,89	179

— C = 0°-180° ······ C = 90°-270° Cd/Klm α =32°

T4067ELW00	9 LED	13,8W	3000K	6°x45°
T4067ELN00	9 LED	13,8W	4000K	6°x45°
T4067ELC00	9 LED	13,8W	6000K	6°x45°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 15,9W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,44	0,06	18922
1,0	0,89	0,13	4731
1,5	1,33	0,19	2102
2,0	1,77	0,25	1183
2,5	2,22	0,31	757
3,0	2,66	0,38	526

— C = 0°-180° ······ C = 90°-270° Cd/Klm α =6°x45°

117
220
□ 203 ±2mm

**Naiade 220 downlight
Square steel**

AISI 316 stainless steel ring
(3mm)
Aluminium secondary frame
Glass thickness 8 mm
Installation with built-in
brackets

IP65/67 **IK**10

| T406610W00	9 LED	13,8W	3000K	6°
T406610N00	9 LED	13,8W	4000K	6°
T406610C00	9 LED	13,8W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 15,9W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,05	0,05	65736
1,0	0,11	0,11	16434
1,5	0,16	0,16	7304
2,0	0,22	0,22	4109
2,5	0,27	0,27	2629
3,0	0,32	0,32	1826

— C = 0°-180° ······ C = 90°-270° Cd/Klm α =6°

T406639W00	9 LED	13,8W	3000K	32°
T406639N00	9 LED	13,8W	4000K	32°
T406639C00	9 LED	13,8W	6000K	32°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 15,9W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,32	0,32	6444
1,0	0,63	0,63	1611
1,5	0,95	0,95	716
2,0	1,26	1,26	403
2,5	1,58	1,58	258
3,0	1,89	1,89	179

— C = 0°-180° ······ C = 90°-270° Cd/Klm α =32°

T4066ELW00	9 LED	13,8W	3000K	6°x45°
T4066ELN00	9 LED	13,8W	4000K	6°x45°
T4066ELC00	9 LED	13,8W	6000K	6°x45°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 15,9W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,44	0,06	18922
1,0	0,89	0,13	4731
1,5	1,33	0,19	2102
2,0	1,77	0,25	1183
2,5	2,22	0,31	757
3,0	2,66	0,38	526

— C = 0°-180° ······ C = 90°-270° Cd/Klm α =6°x45°

117
220
□ 203 ±2mm

ø 320   116   ø 300 ±2mm

Naiade 320 downlight
Round aluminium

Painted aluminium ring (3mm)
Aluminium secondary frame
Glass thickness 8 mm
Installation with built-in brackets

IP65/67 **IK**10

T409310W00	16 LED	23,8W	3000K	6°
T409310N00	16 LED	23,8W	4000K	6°
T409310C00	16 LED	23,8W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+15° -7°

Effective power
27W

H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	150804
1,0	0,10	0,10	37701
1,5	0,15	0,15	16756
2,0	0,20	0,20	9425
2,5	0,24	0,24	6032
3,0	0,29	0,29	4189
			α=6°

— C = 0°-180°   Cd/Klm
······ C = 90°-270°

T409339W00	16 LED	23,8W	3000K	32°
T409339N00	16 LED	23,8W	4000K	32°
T409339C00	16 LED	23,8W	6000K	32°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
27W

H m	ØC0 m	ØC90 m	E lux
0,5	0,31	0,31	12025
1,0	0,62	0,62	3006
1,5	0,93	0,93	1336
2,0	1,25	1,25	752
2,5	1,56	1,56	481
3,0	1,87	1,87	334
			α=32°

— C = 0°-180°   Cd/Klm
······ C = 90°-270°

T4093ELW00	16 LED	23,8W	3000K	6°x45°
T4093ELN00	16 LED	23,8W	4000K	6°x45°
T4093ELC00	16 LED	23,8W	6000K	6°x45°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
27W

H m	ØC0 m	ØC90 m	E lux
0,5	0,45	0,06	37809
1,0	0,89	0,12	9452
1,5	1,34	0,18	4201
2,0	1,78	0,24	2363
2,5	2,23	0,31	1512
3,0	2,67	0,37	1050
			α=6°x45°

— C = 0°-180°   Cd/Klm
······ C = 90°-270°

ø 320   116   ø 300 ±2mm

Naiade 320 downlight
Round steel

Aluminium secondary frame (3mm)
Aluminium secondary frame
Glass thickness 8 mm
Installation with built-in brackets

IP65/67 **IK**10

T409210W00	16 LED	23,8W	3000K	6°
T409210N00	16 LED	23,8W	4000K	6°
T409210C00	16 LED	23,8W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+15° -7°

Effective power
27W

H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	150804
1,0	0,10	0,10	37701
1,5	0,15	0,15	16756
2,0	0,20	0,20	9425
2,5	0,24	0,24	6032
3,0	0,29	0,29	4189
			α=6°

— C = 0°-180°   Cd/Klm
······ C = 90°-270°

T409239W00	16 LED	23,8W	3000K	32°
T409239N00	16 LED	23,8W	4000K	32°
T409239C00	16 LED	23,8W	6000K	32°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
27W

H m	ØC0 m	ØC90 m	E lux
0,5	0,31	0,31	12025
1,0	0,62	0,62	3006
1,5	0,93	0,93	1336
2,0	1,25	1,25	752
2,5	1,56	1,56	481
3,0	1,87	1,87	334
			α=32°

— C = 0°-180°   Cd/Klm
······ C = 90°-270°

T4092ELW00	16 LED	23,8W	3000K	6°x45°
T4092ELN00	16 LED	23,8W	4000K	6°x45°
T4092ELC00	16 LED	23,8W	6000K	6°x45°

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+/- 15°

Effective power
27W

H m	ØC0 m	ØC90 m	E lux
0,5	0,45	0,06	37809
1,0	0,89	0,12	9452
1,5	1,34	0,18	4201
2,0	1,78	0,24	2363
2,5	2,23	0,31	1512
3,0	2,67	0,37	1050
			α=6°x45°

— C = 0°-180°   Cd/Klm
······ C = 90°-270°

Naiade 320 downlight

Naiade 320 downlight Square aluminium

Painted aluminium ring (3mm)
Aluminium secondary frame
Glass thickness 8 mm
Installation with built-in brackets

IP65/67 **IK**10

T407310W00	16 LED	23,8W	3000K	6°
T407310N00	16 LED	23,8W	4000K	6°
T407310C00	16 LED	23,8W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +15° -7°

Effective power 27W

H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	150804
1,0	0,10	0,10	37701
1,5	0,15	0,15	16756
2,0	0,20	0,20	9425
2,5	0,24	0,24	6032
3,0	0,29	0,29	4189

C = 0°-180° Cd/Klm
C = 90°-270°   α = 6°

T407339W00	16 LED	23,8W	3000K	32°
T407339N00	16 LED	23,8W	4000K	32°
T407339C00	16 LED	23,8W	6000K	32°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 27W

H m	ØC0 m	ØC90 m	E lux
0,5	0,31	0,31	12025
1,0	0,62	0,62	3006
1,5	0,93	0,93	1336
2,0	1,25	1,25	752
2,5	1,56	1,56	481
3,0	1,87	1,87	334

C = 0°-180° Cd/Klm
C = 90°-270°   α = 32°

T4073ELW00	16 LED	23,8W	3000K	6°x45°
T4073ELN00	16 LED	23,8W	4000K	6°x45°
T4073ELC00	16 LED	23,8W	6000K	6°x45°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 27W

H m	ØC0 m	ØC90 m	E lux
0,5	0,45	0,06	37809
1,0	0,89	0,12	9452
1,5	1,34	0,18	4201
2,0	1,78	0,24	2363
2,5	2,23	0,31	1512
3,0	2,67	0,37	1050

C = 0°-180° Cd/Klm
C = 90°-270°   α = 6°x45°

116
320
□ 304 ±2mm
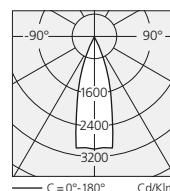
Naiade 320 downlight Square steel

Aluminium secondary frame (3mm)
Aluminium secondary frame
Glass thickness 8 mm
Installation with built-in brackets

IP65/67 **IK**10

T407210W00	16 LED	23,8W	3000K	6°
T407210N00	16 LED	23,8W	4000K	6°
T407210C00	16 LED	23,8W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +15° -7°

Effective power 27W

H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	150804
1,0	0,10	0,10	37701
1,5	0,15	0,15	16756
2,0	0,20	0,20	9425
2,5	0,24	0,24	6032
3,0	0,29	0,29	4189

C = 0°-180° Cd/Klm
C = 90°-270°   α = 6°

T407239W00	16 LED	23,8W	3000K	32°
T407239N00	16 LED	23,8W	4000K	32°
T407239C00	16 LED	23,8W	6000K	32°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 27W

H m	ØC0 m	ØC90 m	E lux
0,5	0,31	0,31	12025
1,0	0,62	0,62	3006
1,5	0,93	0,93	1336
2,0	1,25	1,25	752
2,5	1,56	1,56	481
3,0	1,87	1,87	334

C = 0°-180° Cd/Klm
C = 90°-270°   α = 32°

T4072ELW00	16 LED	23,8W	3000K	6°x45°
T4072ELN00	16 LED	23,8W	4000K	6°x45°
T4072ELC00	16 LED	23,8W	6000K	6°x45°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 27W

H m	ØC0 m	ØC90 m	E lux
0,5	0,45	0,06	37809
1,0	0,89	0,12	9452
1,5	1,34	0,18	4201
2,0	1,78	0,24	2363
2,5	2,23	0,31	1512
3,0	2,67	0,37	1050

C = 0°-180° Cd/Klm
C = 90°-270°   α = 6°x45°

116
320
□ 304 ±2mm

Orcamo downlight

- Downlight fixture with high-performance LED light sources.
- Recessed suspended ceiling installation.
- 3 sizes (150, 220, 320 mm).
- Round and square version.
- Composed by body and black silkscreened tempered glass.
- Body in EN AB44100 aluminium, silicone gaskets; provided with 30 cm-long pre-resined three-pole connection cable H07RN-F.
  Electronic ballast integrated in the body.
- Power connection to the mains by means of the IP67 connector supplied with the light fixture, suitable for cables with a diameter from 5 to 13.5 mm.
- Adjustable optics.
  PMMA lenses in 3 different versions of beams.

- White monochromatic LEDs available in 3 colour temperatures:
  Warm   = 3000K
  Neutral = 4000K
  Cold   = 6000K
- Ceiling mounting plate to be ordered separately.
- Screws in AISI 316 stainless steel.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- IP Rating IP65-IP67.
- ENEC approved.
- Insulation class I.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

Orcamo downlight

Lighting unit

Tempered glass flush
with the ceiling

Plate for plasterboard
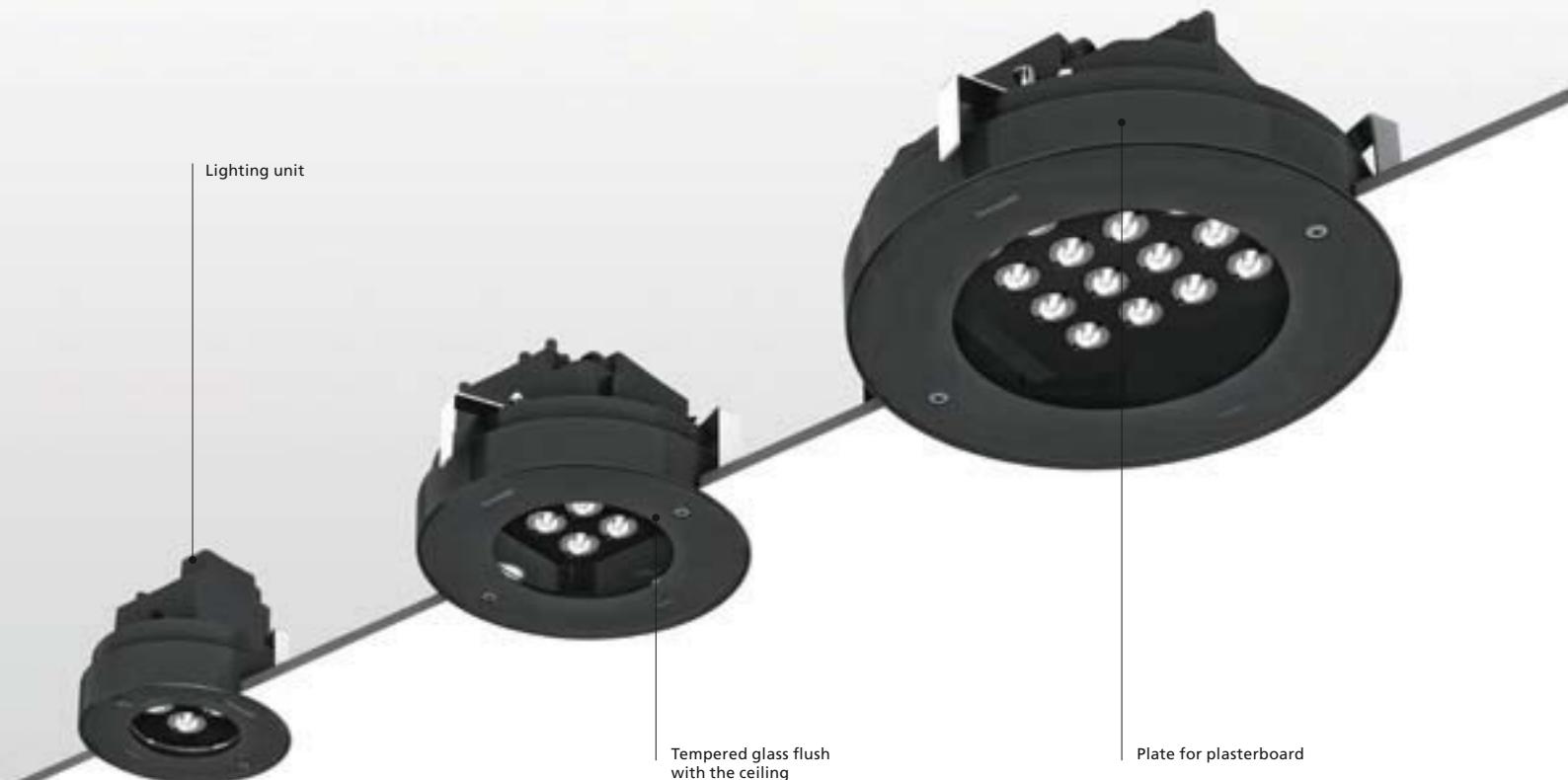
Orcamo 150 downlight
recessed depth 126 mm

ø 155 ±2 mm   □ 155 ±2 mm

Naiade 220 downlight
recessed depth 125 mm

ø 225 ±2 mm   □ 225 ±2 mm

Naiade 320 downlight
recessed depth 124 mm

ø 325 ±2 mm   □ 325 ±2 mm

Spot optic

Concentrated luminous flow to highlight
details avoiding unwanted light dispersion.

Flood optic

Wide luminous flow suitable for lighting
large areas.

Wall Washer optic

Elliptical distribution of the luminous
flow suitable for wall washer effect.

Orcamo 150 downlight

126

ø 150   ø 155 ±2mm
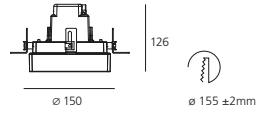
Orcamo 150 downlight Round

Glass thickness 8 mm
Recessing box supplied separately

IP65/67 **IK**09

T413010W00	4 LED	6,3W	3000K	6°
T413010N00	4 LED	6,3W	4000K	6°
T413010C00	4 LED	6,3W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 7,9W

H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	46928
1,0	0,09	0,09	11732
1,5	0,14	0,14	5214
2,0	0,19	0,19	2933
2,5	0,24	0,24	1877
3,0	0,28	0,28	1304

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 6°
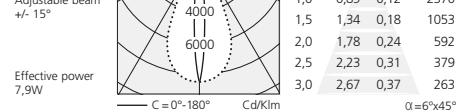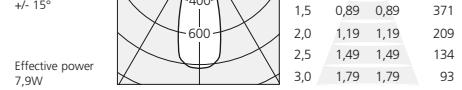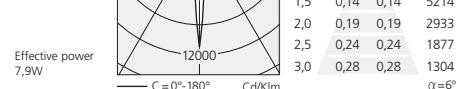
T413039W00	4 LED	6,3W	3000K	32°
T413039N00	4 LED	6,3W	4000K	32°
T413039C00	4 LED	6,3W	6000K	32°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 7,9W

H m	ØC0 m	ØC90 m	E lux
0,5	0,30	0,30	3342
1,0	0,60	0,60	836
1,5	0,89	0,89	371
2,0	1,19	1,19	209
2,5	1,49	1,49	134
3,0	1,79	1,79	93

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 32°

T4130ELW00	4 LED	6,3W	3000K	6°x45°
T4130ELN00	4 LED	6,3W	4000K	6°x45°
T4130ELC00	**4** LED	6,3W	6000K	6°x45°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 7,9W

H m	ØC0 m	ØC90 m	E lux
0,5	0,45	0,06	9479
1,0	0,89	0,12	2370
1,5	1,34	0,18	1053
2,0	1,78	0,24	592
2,5	2,23	0,31	379
3,0	2,67	0,37	263

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 6°x45°

T409919	Plate for plasterboard

126

150   □ 155 ±2mm
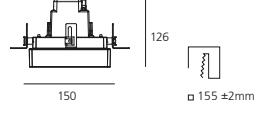
Orcamo 150 downlight Square

Glass thickness 8 mm
Recessing box supplied separately

IP65/67 **IK**09

T412010W00	4 LED	6,3W	3000K	6°
T412010N00	4 LED	6,3W	4000K	6°
T412010C00	4 LED	6,3W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 7,9W

H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	46928
1,0	0,09	0,09	11732
1,5	0,14	0,14	5214
2,0	0,19	0,19	2933
2,5	0,24	0,24	1877
3,0	0,28	0,28	1304

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 6°
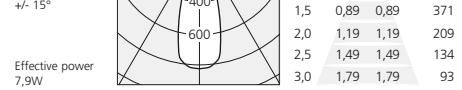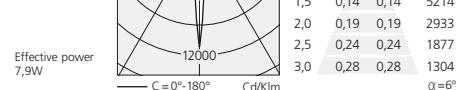
T412039W00	4 LED	6,3W	3000K	32°
T412039N00	4 LED	6,3W	4000K	32°
T412039C00	4 LED	6,3W	6000K	32°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 7,9W

H m	ØC0 m	ØC90 m	E lux
0,5	0,30	0,30	3342
1,0	0,60	0,60	836
1,5	0,89	0,89	371
2,0	1,19	1,19	209
2,5	1,49	1,49	134
3,0	1,79	1,79	93

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 32°

T4120ELW00	4 LED	6,3W	3000K	6°x45°
T4120ELN00	4 LED	6,3W	4000K	6°x45°
T4120ELC00	**4** LED	6,3W	6000K	6°x45°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 7,9W

H m	ØC0 m	ØC90 m	E lux
0,5	0,45	0,06	9479
1,0	0,89	0,12	2370
1,5	1,34	0,18	1053
2,0	1,78	0,24	592
2,5	2,23	0,31	379
3,0	2,67	0,37	263

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 6°x45°
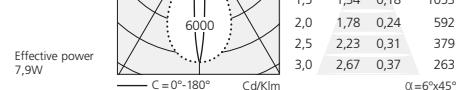
T409920	Plate for plasterboard

Orcamo 220 downlight
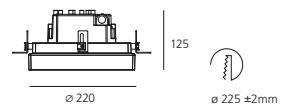
Orcamo 220 downlight Round

Glass thickness 8 mm
Recessing box supplied separately

IP65/67 **IK**09

T413110W00	9 LED	13,8W	3000K	6°
T413110N00	9 LED	13,8W	4000K	6°
T413110C00	9 LED	13,8W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 15,9W

H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	65736
1,0	0,11	0,11	16434
1,5	0,16	0,16	7304
2,0	0,22	0,22	4109
2,5	0,27	0,27	2629
3,0	0,32	0,32	1826
			α=6°

C = 0°-180° Cd/Klm
C = 90°-270°
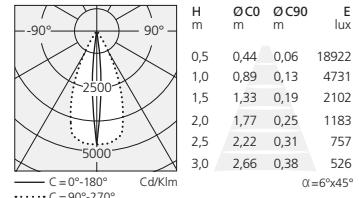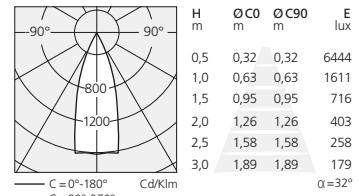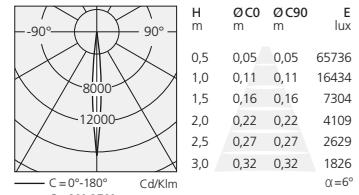
T413139W00	9 LED	13,8W	3000K	32°
T413139N00	9 LED	13,8W	4000K	32°
T413139C00	9 LED	13,8W	6000K	32°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 15,9W

H m	ØC0 m	ØC90 m	E lux
0,5	0,32	0,32	6444
1,0	0,63	0,63	1611
1,5	0,95	0,95	716
2,0	1,26	1,26	403
2,5	1,58	1,58	258
3,0	1,89	1,89	179
			α=32°

C = 0°-180° Cd/Klm
C = 90°-270°

T4131ELW00	9 LED	13,8W	3000K	6°x45°
T4131ELN00	9 LED	13,8W	4000K	6°x45°
T4131ELC00	9 LED	13,8W	6000K	6°x45°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 15,9W

H m	ØC0 m	ØC90 m	E lux
0,5	0,44	0,06	18922
1,0	0,89	0,13	4731
1,5	1,33	0,19	2102
2,0	1,77	0,25	1183
2,5	2,22	0,31	757
3,0	2,66	0,38	526
			α=6°x45°

C = 0°-180° Cd/Klm
C = 90°-270°

T409917	Plate for plasterboard
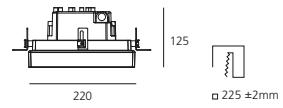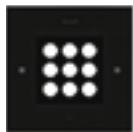
Orcamo 220 downlight Square

Glass thickness 8 mm
Recessing box supplied separately

IP65/67 **IK**09

T412110W00	9 LED	13,8W	3000K	6°
T412110N00	9 LED	13,8W	4000K	6°
T412110C00	9 LED	13,8W	6000K	6°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 15,9W

H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	65736
1,0	0,11	0,11	16434
1,5	0,16	0,16	7304
2,0	0,22	0,22	4109
2,5	0,27	0,27	2629
3,0	0,32	0,32	1826
			α=6°

C = 0°-180° Cd/Klm
C = 90°-270°
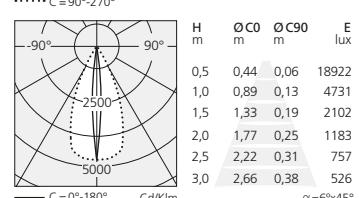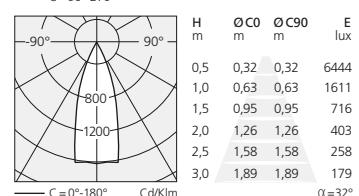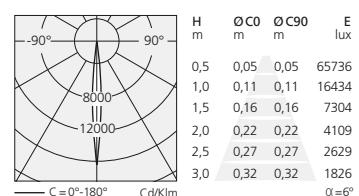
T412139W00	9 LED	13,8W	3000K	32°
T412139N00	9 LED	13,8W	4000K	32°
T412139C00	9 LED	13,8W	6000K	32°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 15,9W

H m	ØC0 m	ØC90 m	E lux
0,5	0,32	0,32	6444
1,0	0,63	0,63	1611
1,5	0,95	0,95	716
2,0	1,26	1,26	403
2,5	1,58	1,58	258
3,0	1,89	1,89	179
			α=32°

C = 0°-180° Cd/Klm
C = 90°-270°

T4121ELW00	9 LED	13,8W	3000K	6°x45°
T4121ELN00	9 LED	13,8W	4000K	6°x45°
T4121ELC00	**9** LED	13,8W	6000K	6°x45°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 15,9W

H m	ØC0 m	ØC90 m	E lux
0,5	0,44	0,06	18922
1,0	0,89	0,13	4731
1,5	1,33	0,19	2102
2,0	1,77	0,25	1183
2,5	2,22	0,31	757
3,0	2,66	0,38	526
			α=6°x45°

C = 0°-180° Cd/Klm
C = 90°-270°

T409918	Plate for plasterboard

Orcamo 320 downlight
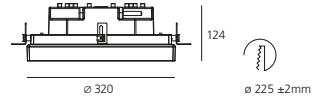
Orcamo 320 downlight Round

Glass thickness 8 mm
Plate for plasterboard supplied separately

IP65/67 **IK**09

T413410W00	16 LED	23,8W	3000K	6°
T413410N00	16 LED	23,8W	4000K	6°
T413410C00	16 LED	23,8W	6000K	6°
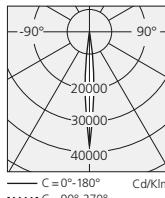
220/240Vac 50/60Hz electronic ballast

Adjustable beam +15° -7°

Effective power 27W

H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	150804
1,0	0,10	0,10	37701
1,5	0,15	0,15	16756
2,0	0,20	0,20	9425
2,5	0,24	0,24	6032
3,0	0,29	0,29	4189
			α=6°

T413439W00	16 LED	23,8W	3000K	32°
T413439N00	16 LED	23,8W	4000K	32°
T413439C00	16 LED	23,8W	6000K	32°
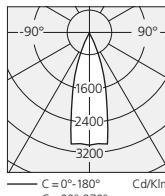
220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 27W

H m	ØC0 m	ØC90 m	E lux
0,5	0,31	0,31	12025
1,0	0,62	0,62	3006
1,5	0,93	0,93	1336
2,0	1,25	1,25	752
2,5	1,56	1,56	481
3,0	1,87	1,87	334
			α=32°

T4134ELW00	16 LED	23,8W	3000K	6°x45°
T4134ELN00	16 LED	23,8W	4000K	6°x45°
T4134ELC00	16 LED	23,8W	6000K	6°x45°
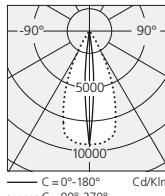
220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 27W

H m	ØC0 m	ØC90 m	E lux
0,5	0,45	0,06	37809
1,0	0,89	0,12	9452
1,5	1,34	0,18	4201
2,0	1,78	0,24	2363
2,5	2,23	0,31	1512
3,0	2,67	0,37	1050
			α=6°x45°

T409915	Plate for plasterboard
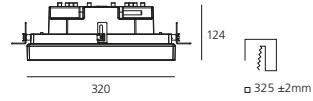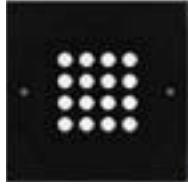
Orcamo 320 downlight Square

Glass thickness 8 mm
Plate for plasterboard supplied separately

IP65/67 **IK**09

T412410W00	16 LED	23,8W	3000K	6°
T412410N00	16 LED	23,8W	4000K	6°
T412410C00	16 LED	23,8W	6000K	6°
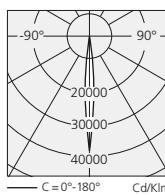
220/240Vac 50/60Hz electronic ballast

Adjustable beam +15° -7°

Effective power 27W

H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	150804
1,0	0,10	0,10	37701
1,5	0,15	0,15	16756
2,0	0,20	0,20	9425
2,5	0,24	0,24	6032
3,0	0,29	0,29	4189
			α=6°

T412439W00	16 LED	23,8W	3000K	32°
T412439N00	16 LED	23,8W	4000K	32°
T412439C00	16 LED	23,8W	6000K	32°
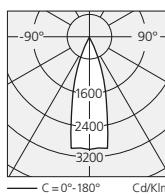
220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 27W

H m	ØC0 m	ØC90 m	E lux
0,5	0,31	0,31	12025
1,0	0,62	0,62	3006
1,5	0,93	0,93	1336
2,0	1,25	1,25	752
2,5	1,56	1,56	481
3,0	1,87	1,87	334
			α=32°

T4124ELW00	16 LED	23,8W	3000K	6°x45°
T4124ELN00	16 LED	23,8W	4000K	6°x45°
T4124ELC00	16 LED	23,8W	6000K	6°x45°

220/240Vac 50/60Hz electronic ballast

Adjustable beam +/- 15°

Effective power 27W
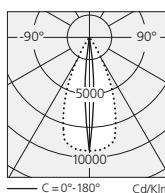
H m	ØC0 m	ØC90 m	E lux
0,5	0,45	0,06	37809
1,0	0,89	0,12	9452
1,5	1,34	0,18	4201
2,0	1,78	0,24	2363
2,5	2,23	0,31	1512
3,0	2,67	0,37	1050
			α=6°x45°

T409916	Plate for plasterboard

Ego downlight

2011
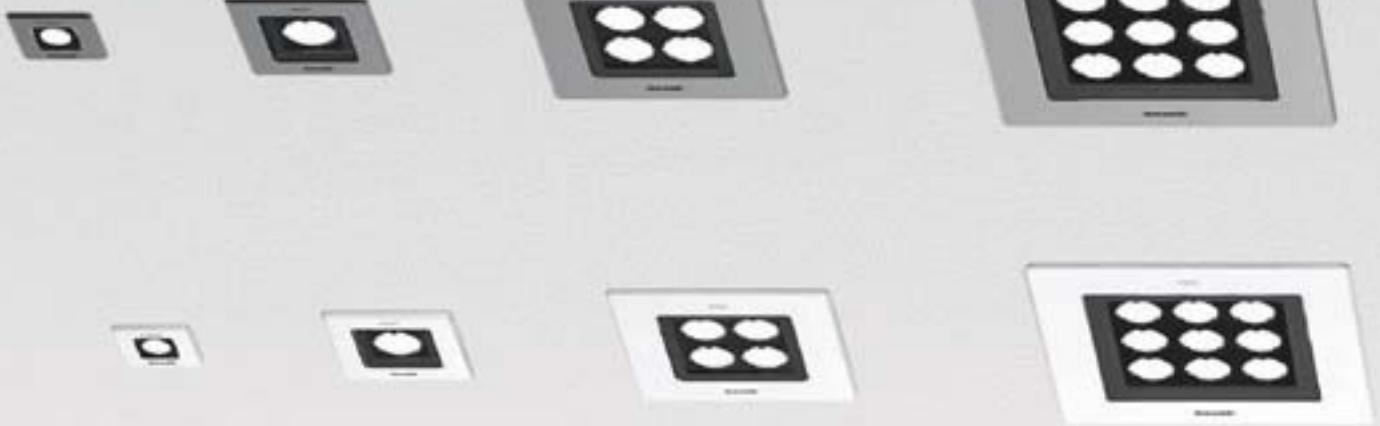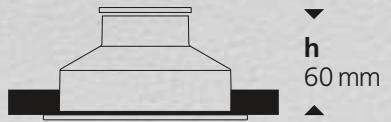
h
60 mm

- Downlight fixture with high-performance LED light sources.
- Recessed suspended ceiling installation.
- Low recessed depth.
- 4 sizes (55, 90, 150, 220 mm).
- Round and square version.
- Composed by body, frame, black silkscreened tempered glass.
- Body in EN AB44100 aluminium, silicone gaskets; provided with 50cm-long pre-resined two-pole connection cable H05RN-F. Remote electronic ballast.
- Frame in aluminium or stainless steel.
- Springs in Harmonic Steel for fixing to plasterboard ceilings.
- Electrical connection to the mains by means of ballast.

- Fixed optics. PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 3 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
  Cold = 6000K
- AISI 316 stainless steel screws.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- IP Rating IP65-IP67.
- Insulation class III.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

Ego downlight
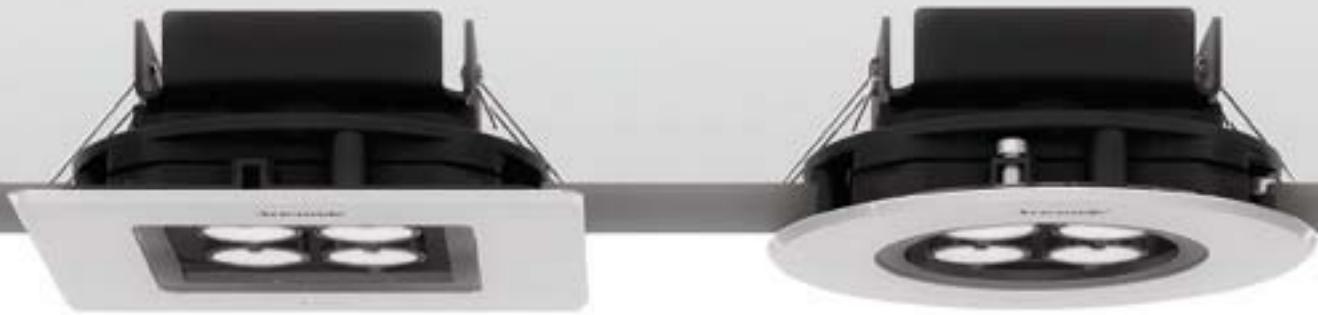
Remote ballast
supplied separately.

Lighting unit
with built-in springs.

Round or square frame in aluminium
or stainless steel.
Silkscreened tempered glass.

Ego downlight

Spot optic

Concentrated luminous flow
to highlight details avoiding unwanted
light dispersion.

Flood optic

Wide luminous flow suitable for lighting
large areas.

Wall Washer optic

Elliptical distribution of the luminous
flow suitable for wall washer effect.

Ego 55 downlight
Round aluminium
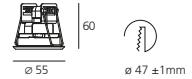
Painted aluminium ring
(3mm)
Glass thickness 4 mm
Installation with built-in
springs

IP65/67

NL4200110K002	1 LED	1W	3000K	11°	
NL4200110W002	1 LED	1W	4000K	11°	
NL4200110Z002	1 LED	1W	6000K	11°	
350mA electronic ballast					

Fixed beam

Effective power
1,4W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,11	0,11	3226
1,0	0,22	0,22	807
1,5	0,34	0,34	358
2,0	0,45	0,45	202
2,5	0,56	0,56	129
3,0	0,67	0,67	90
			α=11°
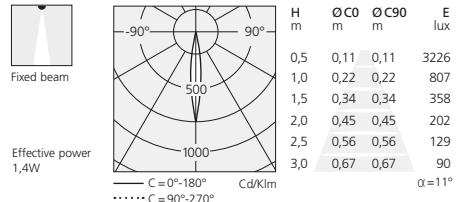
NL4200139K002	1 LED	1W	3000K	30°
NL4200139W002	1 LED	1W	4000K	30°
NL4200139Z002	1 LED	1W	6000K	30°
350mA electronic ballast				

Fixed beam

Effective power
1,4W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,27	0,27	833
1,0	0,54	0,54	208
1,5	0,80	0,80	93
2,0	1,07	1,07	52
2,5	1,34	1,34	33
3,0	1,61	1,61	23
			α=30°
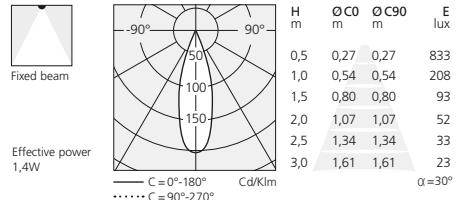
NL42001ELK002	1 LED	1W	3000K	12°x36°
NL42001ELW002	1 LED	1W	4000K	12°x36°
NL42001ELZ002	1 LED	1W	6000K	12°x36°
350mA electronic ballast				

Fixed beam

Effective power
1,4W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,13	0,25	1552
1,0	0,26	0,51	381
1,5	0,39	0,76	169
2,0	0,52	1,01	95
2,5	0,65	1,27	61
3,0	0,78	1,52	42
			α=12°x36°
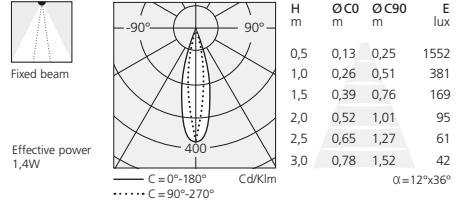
NL11022	Ballast	5W	350mA	IP67	3 max
NL19019	Ballast	13W	350mA	IP67	9 max
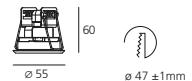
Ego 55 downlight
Round steel

AISI 316 stainless steel ring
(3mm)
Glass thickness 4 mm
Installation with built-in
springs

IP65/67

NL4200910K001	1 LED	1W	3000K	11°	
NL4200910W001	1 LED	1W	4000K	11°	
NL4200910Z001	1 LED	1W	6000K	11°	
350mA electronic ballast					

Fixed beam

Effective power
1,4W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,11	0,11	3226
1,0	0,22	0,22	807
1,5	0,34	0,34	358
2,0	0,45	0,45	202
2,5	0,56	0,56	129
3,0	0,67	0,67	90
			α=11°
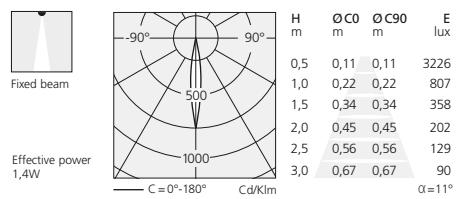
NL4200939K001	1 LED	1W	3000K	30°
NL4200939W001	1 LED	1W	4000K	30°
NL4200939Z001	1 LED	1W	6000K	30°
350mA electronic ballast				

Fixed beam

Effective power
1,4W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,27	0,27	833
1,0	0,54	0,54	208
1,5	0,80	0,80	93
2,0	1,07	1,07	52
2,5	1,34	1,34	33
3,0	1,61	1,61	23
			α=30°
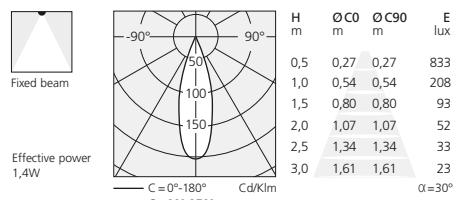
NL42009ELK001	1 LED	1W	3000K	12°x36°
NL42009ELW001	1 LED	1W	4000K	12°x36°
NL42009ELZ001	1 LED	1W	6000K	12°x36°
350mA electronic ballast				

Fixed beam

Effective power
1,4W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,13	0,25	1552
1,0	0,26	0,51	381
1,5	0,39	0,76	169
2,0	0,52	1,01	95
2,5	0,65	1,27	61
3,0	0,78	1,52	42
			α=12°x36°

NL11022	Ballast	5W	350mA	IP67	3 max
NL19019	Ballast	13W	350mA	IP67	9 max

ø 47 ±mm

Ego 55 downlight Square aluminium

Painted aluminium ring (3mm)
Glass thickness 4 mm
Installation with built-in springs

IP65/67

NL4200210K002	1 LED	1W	3000K	11°
NL4200210W002	1 LED	1W	4000K	11°
NL4200210Z002	1 LED	1W	6000K	11°
350mA electronic ballast				

Fixed beam

Effective power 1,4W

H m	ØC0 m	ØC90 m	E lux
0,5	0,11	0,11	3226
1,0	0,22	0,22	807
1,5	0,34	0,34	358
2,0	0,45	0,45	202
2,5	0,56	0,56	129
3,0	0,67	0,67	90

— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α =11°

NL4200239K002	1 LED	1W	3000K	30°
NL4200239W002	1 LED	1W	4000K	30°
NL4200239Z002	1 LED	1W	6000K	30°
350mA electronic ballast				

Fixed beam

Effective power 1,4W

H m	ØC0 m	ØC90 m	E lux
0,5	0,27	0,27	833
1,0	0,54	0,54	208
1,5	0,80	0,80	93
2,0	1,07	1,07	52
2,5	1,34	1,34	33
3,0	1,61	1,61	23

— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α =30°

NL42002ELK002	1 LED	1W	3000K	12°x36°
NL42002ELW002	1 LED	1W	4000K	12°x36°
NL42002ELZ002	1 LED	1W	6000K	12°x36°
350mA electronic ballast				

Fixed beam

Effective power 1,4W

H m	ØC0 m	ØC90 m	E lux
0,5	0,13	0,25	1552
1,0	0,26	0,51	381
1,5	0,39	0,76	169
2,0	0,52	1,01	95
2,5	0,65	1,27	61
3,0	0,78	1,52	42

— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α =12°x36°

NL11022	Ballast	5W 350mA	IP67	3 max
NL19019	Ballast	13W 350mA	IP67	9 max

ø 47 ±mm

Ego 55 downlight Square steel

AISI 316 stainless steel ring (3mm)
Glass thickness 4 mm
Installation with built-in springs

IP65/67

NL4201010K001	1 LED	1W	3000K	11°
NL4201010W001	1 LED	1W	4000K	11°
NL4201010Z001	1 LED	1W	6000K	11°
350mA electronic ballast				

Fixed beam

Effective power 1,4W

H m	ØC0 m	ØC90 m	E lux
0,5	0,11	0,11	3226
1,0	0,22	0,22	807
1,5	0,34	0,34	358
2,0	0,45	0,45	202
2,5	0,56	0,56	129
3,0	0,67	0,67	90

— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α =11°

NL4201039K001	1 LED	1W	3000K	30°
NL4201039W001	1 LED	1W	4000K	30°
NL4201039Z001	1 LED	1W	6000K	30°
350mA electronic ballast				

Fixed beam

Effective power 1,4W

H m	ØC0 m	ØC90 m	E lux
0,5	0,27	0,27	833
1,0	0,54	0,54	208
1,5	0,80	0,80	93
2,0	1,07	1,07	52
2,5	1,34	1,34	33
3,0	1,61	1,61	23

— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α =30°

NL42010ELK001	1 LED	1W	3000K	12°x36°
NL42010ELW001	1 LED	1W	4000K	12°x36°
NL42010ELZ001	1 LED	1W	6000K	12°x36°
350mA electronic ballast				

Fixed beam

Effective power 1,4W

H m	ØC0 m	ØC90 m	E lux
0,5	0,13	0,25	1552
1,0	0,26	0,51	381
1,5	0,39	0,76	169
2,0	0,52	1,01	95
2,5	0,65	1,27	61
3,0	0,78	1,52	42

— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α =12°x36°

NL11022	Ballast	5W 350mA	IP67	3 max
NL19019	Ballast	13W 350mA	IP67	9 max

Ego 90 downlight

Ego 90 downlight
Round aluminium

Painted aluminium ring (3mm)
Glass thickness 4 mm
Installation with built-in springs

IP65/67

NL4200310K002	3 LED	3,3W	3000K	10°	
NL4200310W002	3 LED	3,3W	4000K	10°	
NL4200310Z002	3 LED	3,3W	6000K	10°	
350mA electronic ballast					

Fixed beam

Effective power 4,1W

H m	ØC0 m	ØC90 m	E lux
0,5	0,11	0,11	1693
1,0	0,23	0,23	423
1,5	0,34	0,34	188
2,0	0,46	0,46	106
2,5	0,57	0,57	68
3,0	0,68	0,68	47

— C = 0°-180° Cd/Klm
····· C = 90°-270°   α = 10°
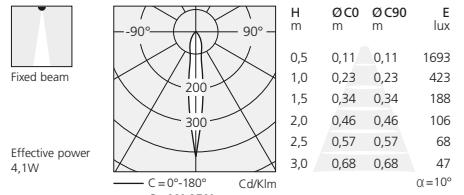
NL4200339K002	3 LED	3,3W	3000K	25°	
NL4200339W002	3 LED	3,3W	4000K	25°	
NL4200339Z002	3 LED	3,3W	6000K	25°	
350mA electronic ballast					

Fixed beam

Effective power 4,1W

H m	ØC0 m	ØC90 m	E lux
0,5	0,29	0,29	939
1,0	0,57	0,57	235
1,5	0,86	0,86	104
2,0	1,15	1,15	59
2,5	1,43	1,43	38
3,0	1,72	1,72	26

— C = 0°-180° Cd/Klm
····· C = 90°-270°   α = 25°
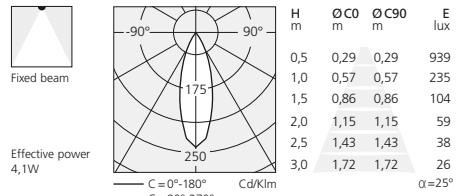
NL42003ELK002	3 LED	3,3W	3000K	35°	
NL42003ELW002	3 LED	3,3W	4000K	35°	
NL42003ELZ002	3 LED	3,3W	6000K	35°	
350mA electronic ballast					

Fixed beam

Effective power 4,1W

H m	ØC0 m	ØC90 m	E lux
0,5	0,30	0,30	1005
1,0	0,60	0,60	251
1,5	0,90	0,90	112
2,0	1,20	1,20	63
2,5	1,50	1,50	40
3,0	1,80	1,80	28

— C = 0°-180° Cd/Klm
····· C = 90°-270°   α = 35°
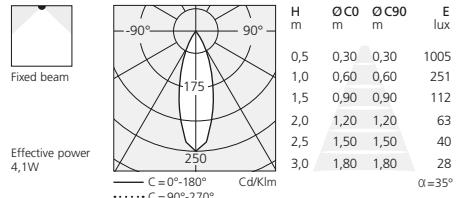
NL11022	Ballast	5W 350mA	IP67	1 max
NL19019	Ballast	13W 350mA	IP67	3 max

Ego 90 downlight
Round steel

AISI 316 stainless steel ring (3mm)
Glass thickness 4 mm
Installation with built-in springs

IP65/67

NL4201110K001	3 LED	3,3W	3000K	10°	
NL4201110W001	3 LED	3,3W	4000K	10°	
NL4201110Z001	3 LED	3,3W	6000K	10°	
350mA electronic ballast					

Fixed beam

Effective power 4,1W

H m	ØC0 m	ØC90 m	E lux
0,5	0,11	0,11	1693
1,0	0,23	0,23	423
1,5	0,34	0,34	188
2,0	0,46	0,46	106
2,5	0,57	0,57	68
3,0	0,68	0,68	47

— C = 0°-180° Cd/Klm
····· C = 90°-270°   α = 10°
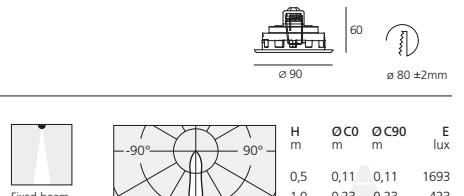
NL4201139K001	3 LED	3,3W	3000K	25°	
NL4201139W001	3 LED	3,3W	4000K	25°	
NL4201139Z001	3 LED	3,3W	6000K	25°	
350mA electronic ballast					

Fixed beam

Effective power 4,1W

H m	ØC0 m	ØC90 m	E lux
0,5	0,29	0,29	939
1,0	0,57	0,57	235
1,5	0,86	0,86	104
2,0	1,15	1,15	59
2,5	1,43	1,43	38
3,0	1,72	1,72	26

— C = 0°-180° Cd/Klm
····· C = 90°-270°   α = 25°
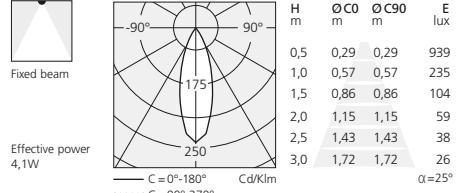
NL42011ELK001	3 LED	3,3W	3000K	35°	
NL42011ELW001	3 LED	3,3W	4000K	35°	
NL42011ELZ001	3 LED	3,3W	6000K	35°	
350mA electronic ballast					
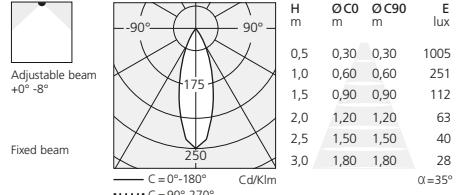
Adjustable beam +0° -8°

Fixed beam

H m	ØC0 m	ØC90 m	E lux
0,5	0,30	0,30	1005
1,0	0,60	0,60	251
1,5	0,90	0,90	112
2,0	1,20	1,20	63
2,5	1,50	1,50	40
3,0	1,80	1,80	28

— C = 0°-180° Cd/Klm
····· C = 90°-270°   α = 35°

NL11022	Ballast	5W 350mA	IP67	1 max
NL19019	Ballast	13W 350mA	IP67	3 max

Ego 90 downlight

**Ego 90 downlight
Square aluminium**

Painted aluminium ring
(3mm)
Glass thickness 4 mm
Installation with built-in
springs

IP65/67

NL4200410K002	3 LED	3,3W	3000K	10°	
NL4200410W002	3 LED	3,3W	4000K	10°	
NL4200410Z002	3 LED	3,3W	6000K	10°	
350mA electronic ballast					

Fixed beam

Effective power
4,1W

H m	ØC0 m	ØC90 m	E lux
0,5	0,11	0,11	1693
1,0	0,23	0,23	423
1,5	0,34	0,34	188
2,0	0,46	0,46	106
2,5	0,57	0,57	68
3,0	0,68	0,68	47

C = 0°-180° Cd/Klm
C = 90°-270°
α = 10°
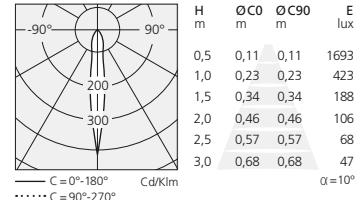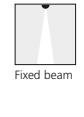
NL4200439K002	3 LED	3,3W	3000K	25°	
NL4200439W002	3 LED	3,3W	4000K	25°	
NL4200439Z002	3 LED	3,3W	6000K	25°	
350mA electronic ballast					

Fixed beam

Effective power
4,1W

H m	ØC0 m	ØC90 m	E lux
0,5	0,29	0,29	939
1,0	0,57	0,57	235
1,5	0,86	0,86	104
2,0	1,15	1,15	59
2,5	1,43	1,43	38
3,0	1,72	1,72	26

C = 0°-180° Cd/Klm
C = 90°-270°
α = 25°
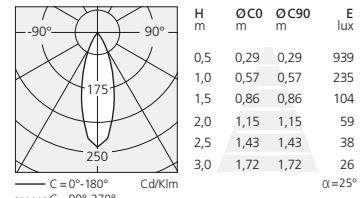
NL42004ELK002	3 LED	3,3W	3000K	35°	
NL42004ELW002	3 LED	3,3W	4000K	35°	
NL42004ELZ002	3 LED	3,3W	6000K	35°	
350mA electronic ballast					

Fixed beam

Effective power
4,1W

H m	ØC0 m	ØC90 m	E lux
0,5	0,30	0,30	1005
1,0	0,60	0,60	251
1,5	0,90	0,90	112
2,0	1,20	1,20	63
2,5	1,50	1,50	40
3,0	1,80	1,80	28

C = 0°-180° Cd/Klm
C = 90°-270°
α = 35°
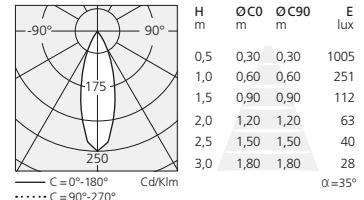
NL11022	Ballast	5W	350mA	IP67	1 max
NL19019	Ballast	13W	350mA	IP67	3 max

**Ego 90 downlight
Square steel**

AISI 316 stainless steel ring
(3mm)
Glass thickness 4 mm
Installation with built-in
springs

IP65/67

NL4201210K001	3 LED	3,3W	3000K	10°	
NL4201210W001	3 LED	3,3W	4000K	10°	
NL4201210Z001	3 LED	3,3W	6000K	10°	
350mA electronic ballast					

Fixed beam

Effective power
4,1W

H m	ØC0 m	ØC90 m	E lux
0,5	0,11	0,11	1693
1,0	0,23	0,23	423
1,5	0,34	0,34	188
2,0	0,46	0,46	106
2,5	0,57	0,57	68
3,0	0,68	0,68	47

C = 0°-180° Cd/Klm
C = 90°-270°
α = 10°
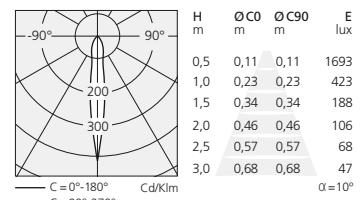
NL4201239K001	3 LED	3,3W	3000K	25°	
NL4201239W001	3 LED	3,3W	4000K	25°	
NL4201239Z001	3 LED	3,3W	6000K	25°	
350mA electronic ballast					

Fixed beam

Effective power
4,1W

H m	ØC0 m	ØC90 m	E lux
0,5	0,29	0,29	939
1,0	0,57	0,57	235
1,5	0,86	0,86	104
2,0	1,15	1,15	59
2,5	1,43	1,43	38
3,0	1,72	1,72	26

C = 0°-180° Cd/Klm
C = 90°-270°
α = 25°
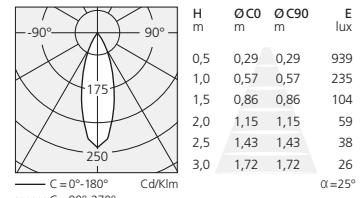
NL42012ELK001	3 LED	3,3W	3000K	35°	
NL42012ELW001	3 LED	3,3W	4000K	35°	
NL42012ELZ001	3 LED	3,3W	6000K	35°	
350mA electronic ballast					

Fixed beam

Effective power
4,1W

H m	ØC0 m	ØC90 m	E lux
0,5	0,30	0,30	1005
1,0	0,60	0,60	251
1,5	0,90	0,90	112
2,0	1,20	1,20	63
2,5	1,50	1,50	40
3,0	1,80	1,80	28

C = 0°-180° Cd/Klm
C = 90°-270°
α = 35°
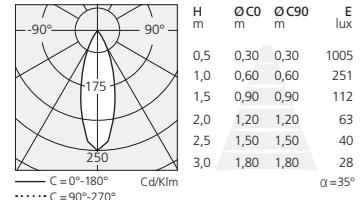
NL11022	Ballast	5W	350mA	IP67	1 max
NL19019	Ballast	13W	350mA	IP67	3 max

Ego 150 downlight
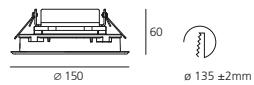
ø 150   ø 135 ±2mm

Ego 150 downlight
Round aluminium

Painted aluminium ring (3mm)
Glass thickness 4 mm
Installation with built-in springs

IP65/67

NL4200510K002	4 LED	6,4W	3000K	6°	
NL4200510W002	4 LED	6,4W	4000K	6°	
NL4200510Z002	4 LED	6,4W	6000K	6°	
500mA electronic ballast					

Fixed beam

Effective power 8W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,05	0,05	46928
1,0	0,09	0,09	11732
1,5	0,14	0,14	5214
2,0	0,19	0,19	2933
2,5	0,24	0,24	1877
3,0	0,28	0,28	1304
			α = 6°

C = 0°-180°   Cd/Klm
C = 90°-270°
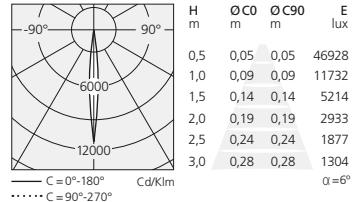
NL4200539K002	4 LED	6,4W	3000K	32°	
NL4200539W002	4 LED	6,4W	4000K	32°	
NL4200539Z002	4 LED	6,4W	6000K	32°	
500mA electronic ballast					

Fixed beam

Effective power 8W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,30	0,30	3342
1,0	0,60	0,60	836
1,5	0,89	0,89	371
2,0	1,19	1,19	209
2,5	1,49	1,49	134
3,0	1,79	1,79	93
			α = 32°

C = 0°-180°   Cd/Klm
C = 90°-270°
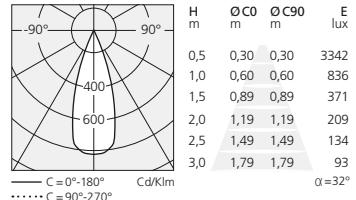
NL42005ELK002	4 LED	6,4W	3000K	6°x45°	
NL42005ELW002	4 LED	6,3W	4000K	6°x45°	
NL42005ELZ002	4 LED	6,4W	6000K	6°x45°	
500mA electronic ballast					

Fixed beam

Effective power 8W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,45	0,06	9479
1,0	0,89	0,12	2370
1,5	1,34	0,18	1053
2,0	1,78	0,24	592
2,5	2,23	0,31	379
3,0	2,67	0,37	263
			α = 6°x45°

C = 0°-180°   Cd/Klm
C = 90°-270°

NL19022	Ballast	14W	500mA	IP67	1 max
NL19026	Ballast	18W	500mA	IP67	2 max

ø 150   ø 135 ±2mm
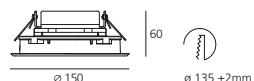
Ego 150 downlight
Round steel

AISI 316 stainless steel ring (3mm)
Glass thickness 4 mm
Installation with built-in springs

IP65/67

NL4201310K001	4 LED	6,4W	3000K	6°	
NL4201310W001	4 LED	6,4W	4000K	6°	
NL4201310Z001	4 LED	6,4W	6000K	6°	
500mA electronic ballast					

Fixed beam

Effective power 8W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,05	0,05	46928
1,0	0,09	0,09	11732
1,5	0,14	0,14	5214
2,0	0,19	0,19	2933
2,5	0,24	0,24	1877
3,0	0,28	0,28	1304
			α = 6°

C = 0°-180°   Cd/Klm
C = 90°-270°
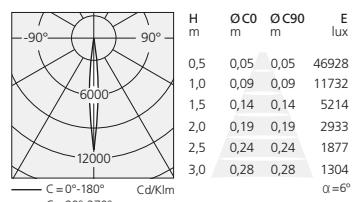
NL4201339K001	4 LED	6,4W	3000K	32°	
NL4201339W001	4 LED	6,4W	4000K	32°	
NL4201339Z001	4 LED	6,4W	6000K	32°	
500mA electronic ballast					

Fixed beam

Effective power 8W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,30	0,30	3342
1,0	0,60	0,60	836
1,5	0,89	0,89	371
2,0	1,19	1,19	209
2,5	1,49	1,49	134
3,0	1,79	1,79	93
			α = 32°

C = 0°-180°   Cd/Klm
C = 90°-270°
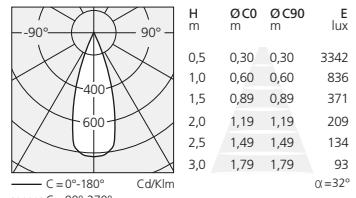
NL42013ELK001	4 LED	6,4W	3000K	6°x45°	
NL42013ELW001	4 LED	6,4W	4000K	6°x45°	
NL42013ENZ001	4 LED	6,4W	6000K	6°x45°	
500mA electronic ballast					

Fixed beam

Effective power 8W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,45	0,06	9479
1,0	0,89	0,12	2370
1,5	1,34	0,18	1053
2,0	1,78	0,24	592
2,5	2,23	0,31	379
3,0	2,67	0,37	263
			α = 6°x45°

C = 0°-180°   Cd/Klm
C = 90°-270°
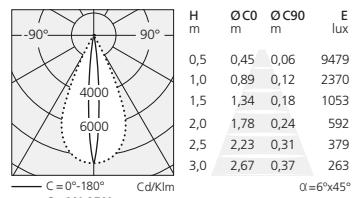
NL19022	Ballast	14W	500mA	IP67	1 max
NL19026	Ballast	18W	500mA	IP67	2 max

Ego 150 downlight
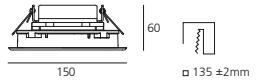
**Ego 150 downlight
Square aluminium**

Painted aluminium ring
(3mm)
Glass thickness 4 mm
Installation with built-in
springs

IP65/67

NL4200610K002	4 LED	6,3W	3000K	6°
NL4200610W002	4 LED	6,4W	4000K	6°
NL4200610Z002	4 LED	6,4W	6000K	6°
500mA electronic ballast				

Fixed beam

Effective power
8W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,05	0,05	46928
1,0	0,09	0,09	11732
1,5	0,14	0,14	5214
2,0	0,19	0,19	2933
2,5	0,24	0,24	1877
3,0	0,28	0,28	1304

— C=0°-180°   Cd/Klm
······ C=90°-270°   α=6°
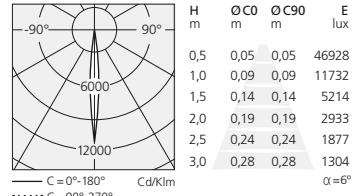
NL4200639K002	4 LED	6,4W	3000K	32°
NL4200639W002	4 LED	6,4W	4000K	32°
NL4200639Z002	4 LED	6,4W	6000K	32°
500mA electronic ballast				

Fixed beam

Effective power
8W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,30	0,30	3342
1,0	0,60	0,60	836
1,5	0,89	0,89	371
2,0	1,19	1,19	209
2,5	1,49	1,49	134
3,0	1,79	1,79	93

— C=0°-180°   Cd/Klm
······ C=90°-270°   α=32°
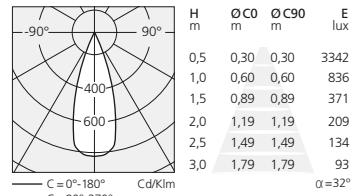
NL42006ELK002	4 LED	6,4W	3000K	6°x45°
NL42006ELW002	4 LED	6,4W	4000K	6°x45°
NL42006ELZ002	4 LED	6,4W	6000K	6°x45°
500mA electronic ballast				

Fixed beam

Effective power
8W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,45	0,06	9479
1,0	0,89	0,12	2370
1,5	1,34	0,18	1053
2,0	1,78	0,24	592
2,5	2,23	0,31	379
3,0	2,67	0,37	263

— C=0°-180°   Cd/Klm
······ C=90°-270°   α=6°x45°

NL19022	Ballast	14W	500mA	IP67	1 max
NL19026	Ballast	18W	500mA	IP67	2 max

60
150
□ 135 ±2mm
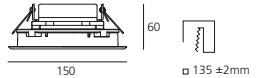
**Ego 150 downlight
Square steel**

AISI 316 stainless steel ring
(3mm)
Glass thickness 4 mm
Installation with built-in
springs

IP65/67

NL4201410K001	4 LED	6,4W	3000K	6°
NL4201410W001	4 LED	6,4W	4000K	6°
NL4201410Z001	4 LED	6,4W	6000K	6°
500mA electronic ballast				

Fixed beam

Effective power
8W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,05	0,05	46928
1,0	0,09	0,09	11732
1,5	0,14	0,14	5214
2,0	0,19	0,19	2933
2,5	0,24	0,24	1877
3,0	0,28	0,28	1304

— C=0°-180°   Cd/Klm
······ C=90°-270°   α=6°
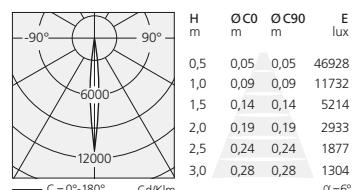
NL4201439K001	4 LED	6,4W	3000K	32°
NL4201439W001	4 LED	6,4W	4000K	32°
NL4201439Z001	4 LED	6,4W	6000K	32°
500mA electronic ballast				

Fixed beam

Effective power
8W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,30	0,30	3342
1,0	0,60	0,60	836
1,5	0,89	0,89	371
2,0	1,19	1,19	209
2,5	1,49	1,49	134
3,0	1,79	1,79	93

— C=0°-180°   Cd/Klm
······ C=90°-270°   α=32°
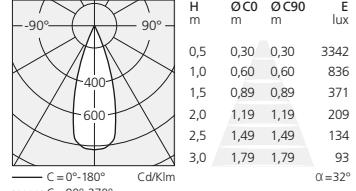
NL42014ELK001	4 LED	6,4W	3000K	6°x45°
NL42014ELW001	4 LED	6,4W	4000K	6°x45°
NL42014ELZ001	4 LED	6,4W	6000K	6°x45°
500mA electronic ballast				

Fixed beam

Effective power
8W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,45	0,06	9479
1,0	0,89	0,12	2370
1,5	1,34	0,18	1053
2,0	1,78	0,24	592
2,5	2,23	0,31	379
3,0	2,67	0,37	263

— C=0°-180°   Cd/Klm
······ C=90°-270°   α=6°x45°

NL19022	Ballast	14W	500mA	IP67	1 max
NL19026	Ballast	18W	500mA	IP67	2 max

60
150
□ 135 ±2mm
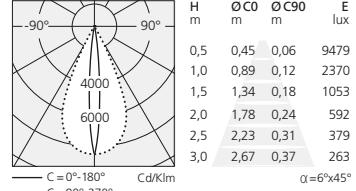
Ego 220 downlight

**Ego 220 downlight
Round aluminium**

Painted aluminium ring
(3mm)
Glass thickness 4 mm
Installation with built-in
springs

IP65/67

NL4200710K002	9 LED	14,4W	3000K	6°	
NL4200710W002	9 LED	14,4W	4000K	6°	
NL4200710Z002	9 LED	14,4W	6000K	6°	
500mA electronic ballast					

Fixed beam

Effective power
18W

H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	65736
1,0	0,11	0,11	16434
1,5	0,16	0,16	7304
2,0	0,22	0,22	4109
2,5	0,27	0,27	2629
3,0	0,32	0,32	1826
			α=6°

— C = 0°-180° Cd/Klm
····· C = 90°-270°
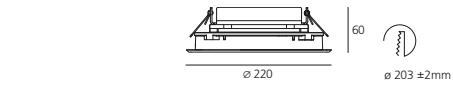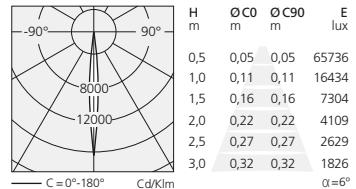
NL4200739K002	9 LED	14,4W	3000K	32°	
NL4200739W002	9 LED	14,4W	4000K	32°	
NL4200739Z002	9 LED	14,4W	6000K	32°	
500mA electronic ballast					

Fixed beam

Effective power
18W

H m	ØC0 m	ØC90 m	E lux
0,5	0,32	0,32	6444
1,0	0,63	0,63	1611
1,5	0,95	0,95	716
2,0	1,26	1,26	403
2,5	1,58	1,58	258
3,0	1,89	1,89	179
			α=32°

— C = 0°-180° Cd/Klm
····· C = 90°-270°
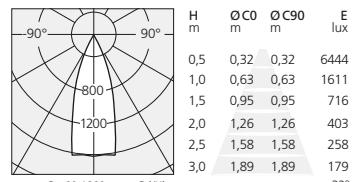
NL42007ELK002	9 LED	14,4W	3000K	6°x45°	
NL42007ELW002	9 LED	14,4W	4000K	6°x45°	
NL42007ELZ002	9 LED	14,4W	6000K	6°x45°	
500mA electronic ballast					
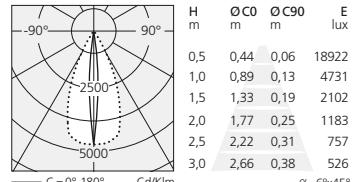
Fixed beam

Effective power
18W

H m	ØC0 m	ØC90 m	E lux
0,5	0,44	0,06	18922
1,0	0,89	0,13	4731
1,5	1,33	0,19	2102
2,0	1,77	0,25	1183
2,5	2,22	0,31	757
3,0	2,66	0,38	526
			α=6°x45°

— C = 0°-180° Cd/Klm
····· C = 90°-270°

NL19026	Ballast	18W	500mA	IP67	1 max

ø 220   60   ø 203 ±2mm

**Ego 220 downlight
Round steel**

AISI 316 stainless steel ring
(3mm)
Glass thickness 4 mm
Installation with built-in
springs

IP65/67

NL4201510K001	9 LED	14,4W	3000K	6°	
NL4201510W001	9 LED	14,4W	4000K	6°	
NL4201510Z001	9 LED	14,4W	6000K	6°	
500mA electronic ballast					

Fixed beam

Effective power
18W

H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	65736
1,0	0,11	0,11	16434
1,5	0,16	0,16	7304
2,0	0,22	0,22	4109
2,5	0,27	0,27	2629
3,0	0,32	0,32	1826
			α=6°

— C = 0°-180° Cd/Klm
····· C = 90°-270°
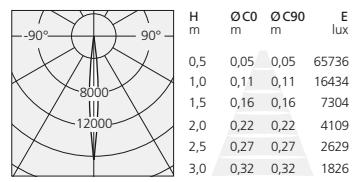
NL4201539K001	9 LED	14,4W	3000K	32°	
NL4201539W001	9 LED	14,4W	4000K	32°	
NL4201539Z001	9 LED	14,4W	6000K	32°	
500mA electronic ballast					

Fixed beam

Effective power
18W

H m	ØC0 m	ØC90 m	E lux
0,5	0,32	0,32	6444
1,0	0,63	0,63	1611
1,5	0,95	0,95	716
2,0	1,26	1,26	403
2,5	1,58	1,58	258
3,0	1,89	1,89	179
			α=32°

— C = 0°-180° Cd/Klm
····· C = 90°-270°
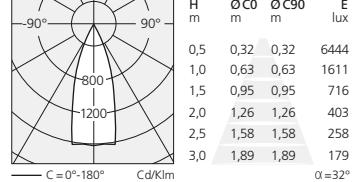
NL42015ELK001	9 LED	14,4W	3000K	6°x45°	
NL42015ELW001	9 LED	14,4W	4000K	6°x45°	
NL42015ELZ001	9 LED	14,4W	6000K	6°x45°	
500mA electronic ballast					
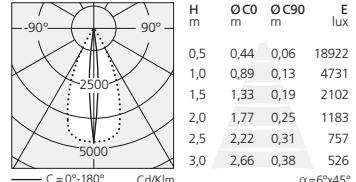
Fixed beam

Effective power
18W

H m	ØC0 m	ØC90 m	E lux
0,5	0,44	0,06	18922
1,0	0,89	0,13	4731
1,5	1,33	0,19	2102
2,0	1,77	0,25	1183
2,5	2,22	0,31	757
3,0	2,66	0,38	526
			α=6°x45°

— C = 0°-180° Cd/Klm
····· C = 90°-270°

NL19026	Ballast	18W	500mA	IP67	1 max

ø 220   60   ø 203 ±2mm

Ego 220 downlight

□ 203 ±2mm
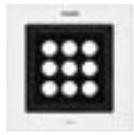
Ego 220 downlight Square aluminium

Painted aluminium ring (3mm)
Glass thickness 4 mm
Installation with built-in springs

IP65/67

NL4200810K002	9 LED	14,4W	3000K	6°
NL4200810W002	9 LED	14,4W	4000K	6°
NL4200810Z002	9 LED	14,4W	6000K	6°
500mA electronic ballast				

Fixed beam

Effective power 18W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,05	0,05	65736
1,0	0,11	0,11	16434
1,5	0,16	0,16	7304
2,0	0,22	0,22	4109
2,5	0,27	0,27	2629
3,0	0,32	0,32	1826

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 6°

NL4200839K002	9 LED	14,4W	3000K	32°
NL4200839W002	9 LED	14,4W	4000K	32°
NL4200839Z002	9 LED	14,4W	6000K	32°
500mA electronic ballast				

Fixed beam

Effective power 18W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,32	0,32	6444
1,0	0,63	0,63	1611
1,5	0,95	0,95	716
2,0	1,26	1,26	403
2,5	1,58	1,58	258
3,0	1,89	1,89	179

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 32°

NL42008ELK002	9 LED	14,4W	3000K	6°x45°
NL42008ELW002	9 LED	14,4W	4000K	6°x45°
NL42008ELZ002	9 LED	14,4W	6000K	6°x45°
500mA electronic ballast				

Fixed beam

Effective power 18W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,44	0,06	18922
1,0	0,89	0,13	4731
1,5	1,33	0,19	2102
2,0	1,77	0,25	1183
2,5	2,22	0,31	757
3,0	2,66	0,38	526

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 6°x45°

NL19026	Ballast	18W	500mA	IP67	1 max

□ 203 ±2mm

Ego 220 downlight Square steel

AISI 316 stainless steel ring (3mm)
Glass thickness 4 mm
Installation with built-in springs

IP65/67

NL4201610K001	9 LED	14,4W	3000K	6°
NL4201610W001	9 LED	14,4W	4000K	6°
NL4201610Z001	9 LED	14,4W	6000K	6°
500mA electronic ballast				

Fixed beam

Effective power 18W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,05	0,05	65736
1,0	0,11	0,11	16434
1,5	0,16	0,16	7304
2,0	0,22	0,22	4109
2,5	0,27	0,27	2629
3,0	0,32	0,32	1826

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 6°

NL4201639K001	9 LED	14,4W	3000K	32°
NL4201639W001	9 LED	14,4W	4000K	32°
NL4201639Z001	9 LED	14,4W	6000K	32°
500mA electronic ballast				

Fixed beam

Effective power 18W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,32	0,32	6444
1,0	0,63	0,63	1611
1,5	0,95	0,95	716
2,0	1,26	1,26	403
2,5	1,58	1,58	258
3,0	1,89	1,89	179

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 32°

NL42016ELK001	9 LED	14,4W	3000K	6°x45°
NL42016ELW001	9 LED	14,4W	4000K	6°x45°
NL42016ELZ001	9 LED	14,4W	6000K	6°x45°
500mA electronic ballast				

Fixed beam

Effective power 18W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,44	0,06	18922
1,0	0,89	0,13	4731
1,5	1,33	0,19	2102
2,0	1,77	0,25	1183
2,5	2,22	0,31	757
3,0	2,66	0,38	526

C = 0°-180°   Cd/Klm
C = 90°-270°   α = 6°x45°

NL19026	Ballast	18W	500mA	IP67	1 max

Ego vetro downlight   2012
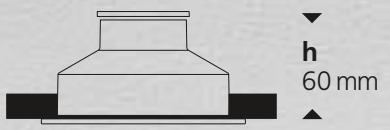
- Downlight fixture with high-performance LED light sources.

- Recessed suspended ceiling installation.

- 2 sizes (150 e 220 mm).

- Round and square version.

- Composed by body, black silkscreened tempered glass.

- Springs in Harmonic Steel for fixing to plasterboard ceilings.

- Body in die-cast EN AB44100 aluminium, silicone gaskets; provided with 50cm-long pre-resined three-pole connection cable H05RN-F.

- Remote electronic ballast.

- Fixed optics. PMMA lenses in 3 different versions of beams.

- White monochromatic LEDs available in 3 colour temperatures:

  Warm = 3000K
  Neutral = 4000K
  Cold = 6000K

- AISI 316 stainless steel screws.

- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.

- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.

- IP Rating IP65-IP67.

- Insulation class III.

- Installation must be carried out by specialized personnel. Carefully follow the instructions.

Ego vetro downlight

Remote ballast
supplied separately.

Lighting unit
with built-in springs.

Round or square frame in aluminium
or stainless steel.
Silkscreened tempered glass.

Ego vetro downlight

Spot optic

Concentrated luminous flow
to highlight details avoiding unwanted
light dispersion.

Flood optic

Wide luminous flow suitable for lighting
large areas.

Wall Washer optic

Elliptical distribution of the luminous
flow suitable for wall washer effect.

Ego vetro 150 downlight

Ego vetro 150 downlight Round

Glass thickness 4 mm
Installation with built-in springs

IP65/67

NL4201710K002	4 LED	6,4W	3000K	6°
NL4201710W002	4 LED	6,4W	4000K	6°
NL4201710Z002	4 LED	6,4W	6000K	6°
500mA electronic ballast				

Fixed beam

Effective power 8W

H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	46928
1,0	0,09	0,09	11732
1,5	0,14	0,14	5214
2,0	0,19	0,19	2933
2,5	0,24	0,24	1877
3,0	0,28	0,28	1304
			α=6°
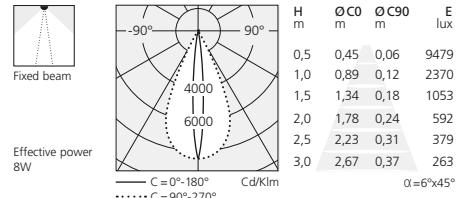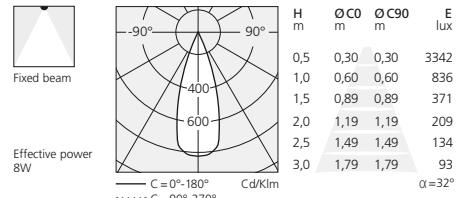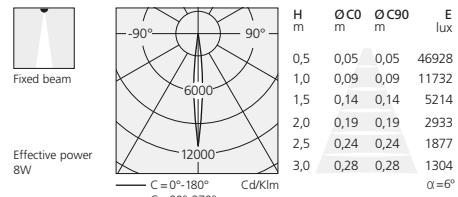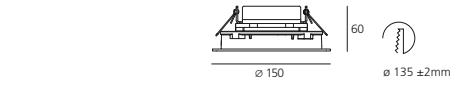
NL4201739K002	4 LED	6,4W	3000K	32°
NL4201739W002	4 LED	6,4W	4000K	32°
NL4201739Z002	4 LED	6,4W	6000K	32°
500mA electronic ballast				

Fixed beam

Effective power 8W

H m	ØC0 m	ØC90 m	E lux
0,5	0,30	0,30	3342
1,0	0,60	0,60	836
1,5	0,89	0,89	371
2,0	1,19	1,19	209
2,5	1,49	1,49	134
3,0	1,79	1,79	93
			α=32°

NL42017ELK002	4 LED	6,4W	3000K	6°x45°
NL42017ELW002	4 LED	6,4W	4000K	6°x45°
NL42017ELZ002	4 LED	6,4W	6000K	6°x45°
500mA electronic ballast				

Fixed beam

Effective power 8W

H m	ØC0 m	ØC90 m	E lux
0,5	0,45	0,06	9479
1,0	0,89	0,12	2370
1,5	1,34	0,18	1053
2,0	1,78	0,24	592
2,5	2,23	0,31	379
3,0	2,67	0,37	263
			α=6°x45°

NL19022	Ballast	14W 500mA	IP67	1 max
NL19026	Ballast	18W 500mA	IP67	2 max

ø 150
ø 135 ±2mm

Ego vetro 150 downlight Square

Glass thickness 4 mm
Installation with built-in springs

IP65/67

NL4201810K002	4 LED	6,4W	3000K	6°
NL4201810W002	4 LED	6,4W	4000K	6°
NL4201810Z002	4 LED	6,4W	6000K	6°
500mA electronic ballast				

Fixed beam

Effective power 8W

H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	46928
1,0	0,09	0,09	11732
1,5	0,14	0,14	5214
2,0	0,19	0,19	2933
2,5	0,24	0,24	1877
3,0	0,28	0,28	1304
			α=6°
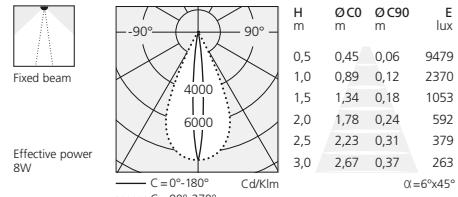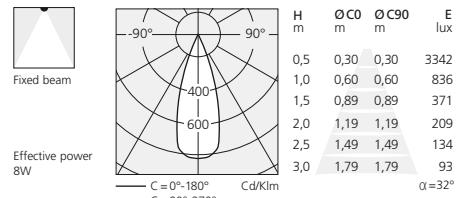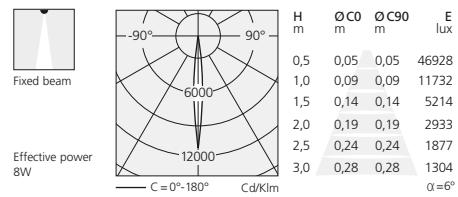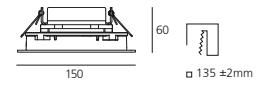
NL4201839K002	4 LED	6,4W	3000K	32°
NL4201839W002	4 LED	6,4W	4000K	32°
NL4201839Z002	4 LED	6,4W	6000K	32°
500mA electronic ballast				

Fixed beam

Effective power 8W

H m	ØC0 m	ØC90 m	E lux
0,5	0,30	0,30	3342
1,0	0,60	0,60	836
1,5	0,89	0,89	371
2,0	1,19	1,19	209
2,5	1,49	1,49	134
3,0	1,79	1,79	93
			α=32°

NL42018ELK002	4 LED	6,4W	3000K	6°x45°
NL42018ELW002	4 LED	6,4W	4000K	6°x45°
NL42018ELZ002	4 LED	6,4W	6000K	6°x45°
500mA electronic ballast				

Fixed beam

Effective power 8W

H m	ØC0 m	ØC90 m	E lux
0,5	0,45	0,06	9479
1,0	0,89	0,12	2370
1,5	1,34	0,18	1053
2,0	1,78	0,24	592
2,5	2,23	0,31	379
3,0	2,67	0,37	263
			α=6°x45°

NL19022	Ballast	14W 500mA	IP67	1 max
NL19026	Ballast	18W 500mA	IP67	2 max

150
□ 135 ±2mm

Ego vetro 220 downlight

ø 220   60   ø 203 ±2mm
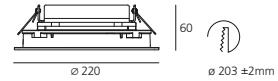
Ego vetro 220 downlight Round

Glass thickness 4 mm
Installation with built-in springs

IP65/67

NL4201910K002	9 LED	14,4W	3000K	6°	
NL4201910W002	9 LED	14,4W	4000K	6°	
NL4201910Z002	9 LED	14,4W	6000K	6°	
500mA electronic ballast					

Fixed beam

Effective power 18W

H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	65736
1,0	0,11	0,11	16434
1,5	0,16	0,16	7304
2,0	0,22	0,22	4109
2,5	0,27	0,27	2629
3,0	0,32	0,32	1826
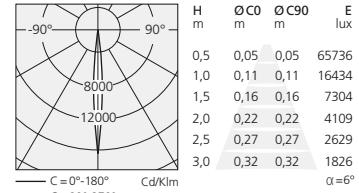
— C = 0°-180°   ····· C = 90°-270°   Cd/Klm   α = 6°

NL4201939K002	9 LED	14,4W	3000K	32°	
NL4201939W002	9 LED	14,4W	4000K	32°	
NL4201939Z002	9 LED	14,4W	6000K	32°	
500mA electronic ballast					

Fixed beam

Effective power 18W

H m	ØC0 m	ØC90 m	E lux
0,5	0,32	0,32	6444
1,0	0,63	0,63	1611
1,5	0,95	0,95	716
2,0	1,26	1,26	403
2,5	1,58	1,58	258
3,0	1,89	1,89	179
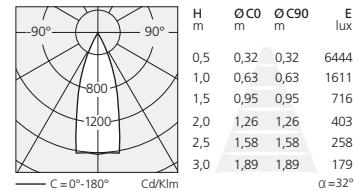
— C = 0°-180°   ····· C = 90°-270°   Cd/Klm   α = 32°

NL42019ELK002	9 LED	14,4W	3000K	6°x45°	
NL42019ELW002	9 LED	14,4W	4000K	6°x45°	
NL42019ELZ002	9 LED	14,4W	6000K	6°x45°	
500mA electronic ballast					

Fixed beam

Effective power 18W

H m	ØC0 m	ØC90 m	E lux
0,5	0,44	0,06	18922
1,0	0,89	0,13	4731
1,5	1,33	0,19	2102
2,0	1,77	0,25	1183
2,5	2,22	0,31	757
3,0	2,66	0,38	526

— C = 0°-180°   ····· C = 90°-270°   Cd/Klm   α = 6°x45°

NL19026	Ballast	18W	500mA	IP67	1 max

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220   60   □ 203 ±2mm
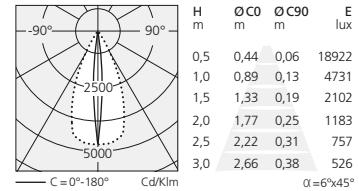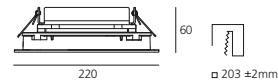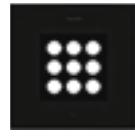
Ego vetro 220 downlight Square

Glass thickness 4 mm
Installation with built-in springs

IP65/67

NL4202010K002	9 LED	14,4W	3000K	6°	
NL4202010W002	9 LED	14,4W	4000K	6°	
NL4202010Z002	9 LED	14,4W	6000K	6°	
500mA electronic ballast					

Fixed beam

Effective power 18W

H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	65736
1,0	0,11	0,11	16434
1,5	0,16	0,16	7304
2,0	0,22	0,22	4109
2,5	0,27	0,27	2629
3,0	0,32	0,32	1826

— C = 0°-180°   ····· C = 90°-270°   Cd/Klm   α = 6°
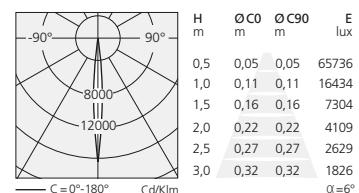
NL4202039K002	9 LED	14,4W	3000K	32°	
NL4202039W002	9 LED	14,4W	4000K	32°	
NL4202039Z002	9 LED	14,4W	6000K	32°	
500mA electronic ballast					

Fixed beam

Effective power 18W

H m	ØC0 m	ØC90 m	E lux
0,5	0,32	0,32	6444
1,0	0,63	0,63	1611
1,5	0,95	0,95	716
2,0	1,26	1,26	403
2,5	1,58	1,58	258
3,0	1,89	1,89	179
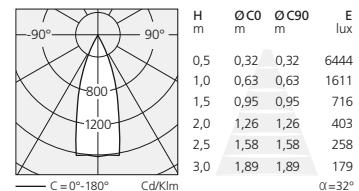
— C = 0°-180°   ····· C = 90°-270°   Cd/Klm   α = 32°

NL42020ELK002	9 LED	14,4W	3000K	6°x45°	
NL42020ELW002	9 LED	14,4W	4000K	6°x45°	
NL42020ELZ002	9 LED	14,4W	6000K	6°x45°	
500mA electronic ballast					
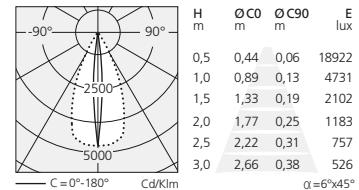
Fixed beam

Effective power 18W

H m	ØC0 m	ØC90 m	E lux
0,5	0,44	0,06	18922
1,0	0,89	0,13	4731
1,5	1,33	0,19	2102
2,0	1,77	0,25	1183
2,5	2,22	0,31	757
3,0	2,66	0,38	526

— C = 0°-180°   ····· C = 90°-270°   Cd/Klm   α = 6°x45°

NL19026	Ballast	18W	500mA	IP67	1 max

Cefiso

- Light fixture with adjustable direct emission, with high-performance LED light sources.
- Floor, wall and eaves installation.
- 2 sizes: Cefiso 14, Cefiso 20.
- Available in two finishes: light grey painted and anthracite grey painted.
- Composed by adjustable lighting unit and terminal board. Rotation on the base +/-180°, body tilting +/-90° by means of a graduated metal ring allowing an accurate adjustment. Positioning is maintained by means of locking dowels.
- Body and terminal board in EN AB44100 aluminium, silicone gaskets.
  Electronic ballast integrated in the body.
- Silkscreened tempered glass siliconed flush with the body to avoid backwater.

- Wiring to be carried out inside the terminal board by piercing an IP65 grommet suitable for cables with a diameter of 8-13 mm.
- PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 3 colour temperatures:

  Warm   = 3000K
  Neutral = 4000K
  Cold   = 6000K

- Screws in AISI 316 stainless steel.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-5.
- IP Rating IP65.
- ENEC approved.
- Insulation class I.

Cefiso

Spot optic

Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

9° optic

Flood optic

Wide luminous flow suitable for lighting large areas.

32° optic

Wall Washer optic

Elliptical distribution of the luminous flow suitable for wall washer effect.

6°x45° optic
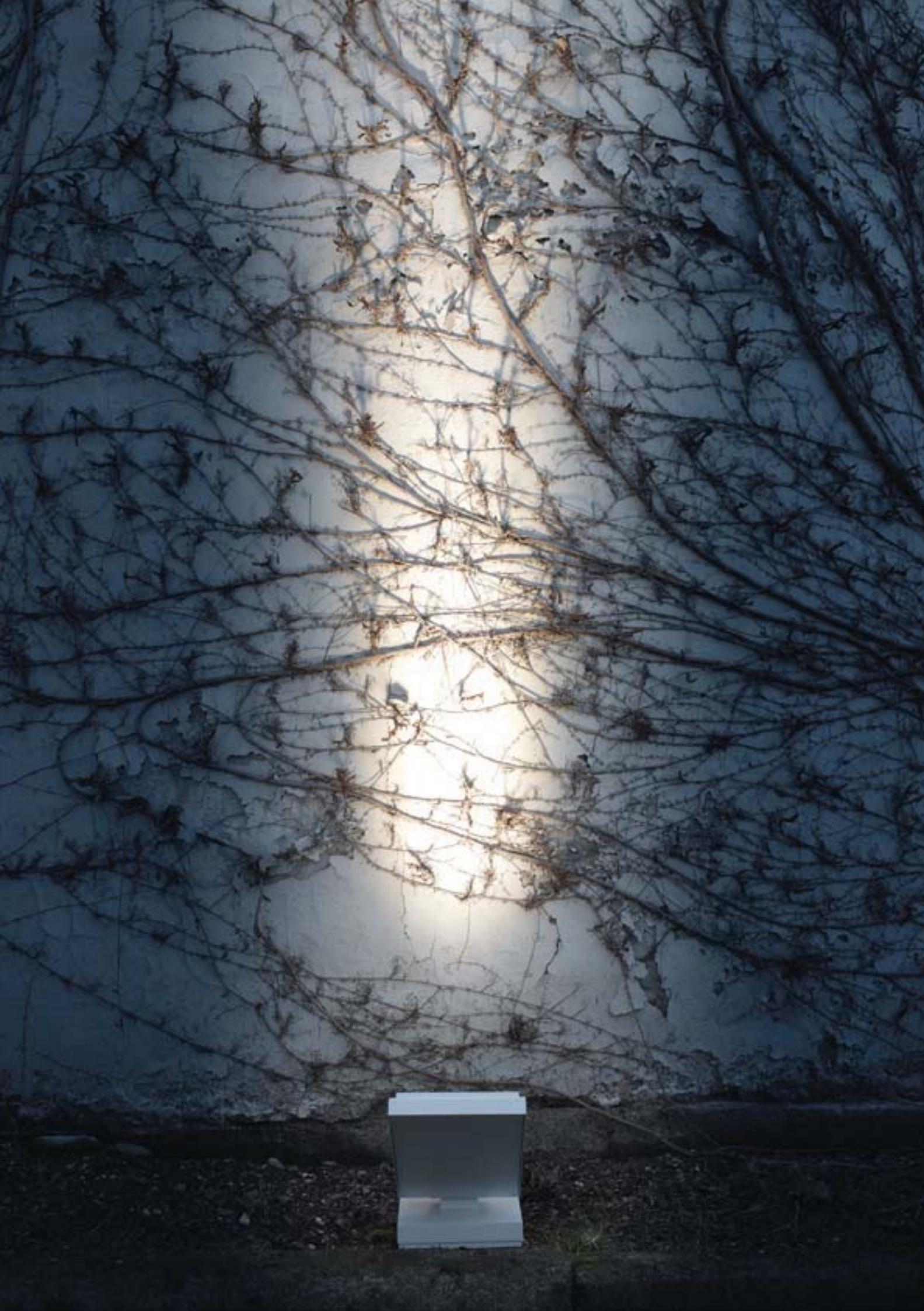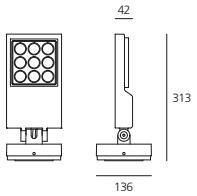
Cefiso 14

● light grey
● anthracite grey

Glass thickness 5 mm

IP65 **IK**10

T418010W00	9 LED	19W	3000K	9°	●	light grey
T418010W10	9 LED	19W	3000K	9°	●	anthracite grey
T418010N00	9 LED	19W	4000K	9°	●	light grey
T418010N10	9 LED	19W	4000K	9°	●	anthracite grey
T418010C00	9 LED	19W	6000K	9°	●	light grey
T418010C10	9 LED	19W	6000K	9°	●	anthracite grey
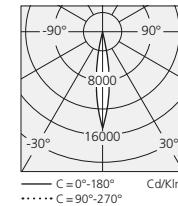
220/240Vac 50/60Hz electronic ballast

Effective power 22W

H m	ØC0 m	ØC90 m	E lux
0,5	0,09	0,09	29745
1	0,19	0,19	7436
1,5	0,28	0,28	3305
2	0,38	0,38	1859
2,5	0,47	0,47	1190
3	0,57	0,57	826

C = 0°-180° Cd/Klm
C = 90°-270° α=9°

T418039W00	9 LED	19W	3000K	32°	●	light grey
T418039W10	9 LED	19W	3000K	32°	●	anthracite grey
T418039N00	9 LED	19W	4000K	32°	●	light grey
T418039N10	9 LED	19W	4000K	32°	●	anthracite grey
T418039C00	9 LED	19W	6000K	32°	●	light grey
T418039C10	9 LED	19W	6000K	32°	●	anthracite grey

220/240Vac 50/60Hz electronic ballast

Effective power 22W

H m	ØC0 m	ØC90 m	E lux
0,5	0,32	0,32	4049
1	0,63	0,63	1012
1,5	0,95	0,95	450
2	1,27	1,27	253
2,5	1,59	1,59	162
3	1,90	1,90	112

C = 0°-180° Cd/Klm
C = 90°-270° α=32°

T4180ELW00	9 LED	19W	3000K	6x45°	●	light grey
T4180ELW10	9 LED	19W	3000K	6x45°	●	anthracite grey
T4180ELN00	9 LED	19W	4000K	6x45°	●	light grey
T4180ELN10	9 LED	19W	4000K	6x45°	●	anthracite grey
T4180ELC00	9 LED	19W	6000K	6x45°	●	light grey
T4180ELC10	9 LED	19W	6000K	6x45°	●	anthracite grey

220/240Vac 50/60Hz electronic ballast

Effective power 22W

H m	ØC0 m	ØC90 m	E lux
0,5	0,06	0,44	13826
1	0,13	0,89	3466
1,5	0,19	1,33	1540
2	0,26	1,77	866
2,5	0,32	2,22	554
3	0,39	2,66	385

C = 0°-180° Cd/Klm
C = 90°-270° α=6x45°

42

313

136

61

430

195
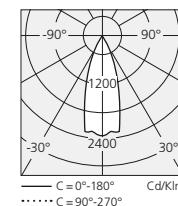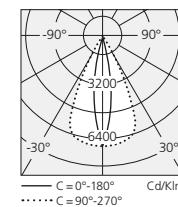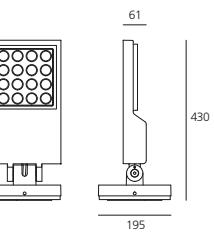
Cefiso 20

● light grey
● anthracite grey

Glass thickness 8 mm

IP65 **IK**10

T418110W00	16 LED	35W	3000K	9°	●	light grey
T418110W10	16 LED	35W	3000K	9°	●	anthracite grey
T418110N00	16 LED	35W	4000K	9°	●	light grey
T418110N10	16 LED	35W	4000K	9°	●	anthracite grey
T418110C00	16 LED	35W	6000K	9°	●	light grey
T418110C10	16 LED	35W	6000K	9°	●	anthracite grey

220/240Vac 50/60Hz electronic ballast

Effective power
38W

H m	ØC0 m	ØC90 m	E lux
0,5	0,10	0,10	55462
1	0,19	0,19	13866
1,5	0,29	0,29	6162
2	0,39	0,39	3466
2,5	0,48	0,48	2218
3	0,58	0,58	1541

─── C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 9°

T418139W00	16 LED	35W	3000K	32°	●	light grey
T418139W10	16 LED	35W	3000K	32°	●	anthracite grey
T418139N00	16 LED	35W	4000K	32°	●	light grey
T418139N10	16 LED	35W	4000K	32°	●	anthracite grey
T418139C00	16 LED	35W	6000K	32°	●	light grey
T418139C10	16 LED	35W	6000K	32°	●	anthracite grey

220/240Vac 50/60Hz electronic ballast

Effective power
38W

H m	ØC0 m	ØC90 m	E lux
0,5	0,32	0,32	6652
1	0,64	0,64	1663
1,5	0,96	0,96	739
2	1,28	1,28	416
2,5	1,60	1,60	266
3	1,91	1,91	185

─── C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 32°

T4181ELW00	16 LED	35W	3000K	6x45°	●	light grey
T4181ELW10	16 LED	35W	3000K	6x45°	●	anthracite grey
T4181ELN00	16 LED	35W	4000K	6x45°	●	light grey
T4181ELN10	16 LED	35W	4000K	6x45°	●	anthracite grey
T4181ELC00	16 LED	35W	6000K	6x45°	●	light grey
T4181ELC10	16 LED	35W	6000K	6x45°	●	anthracite grey
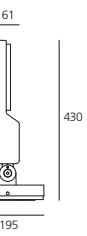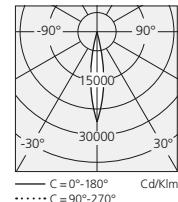
220/240Vac 50/60Hz electronic ballast

Effective power
38W

H m	ØC0 m	ØC90 m	E lux
0,5	0,06	0,44	26871
1	0,12	0,88	6718
1,5	0,17	1,32	2986
2	0,23	1,76	1679
2,5	0,29	2,21	1075
3	0,35	2,65	746

─── C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 6x45°
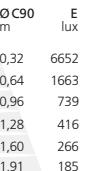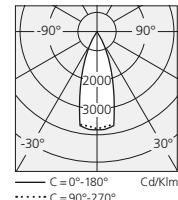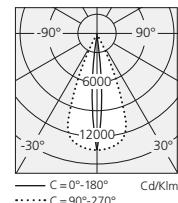
Falange
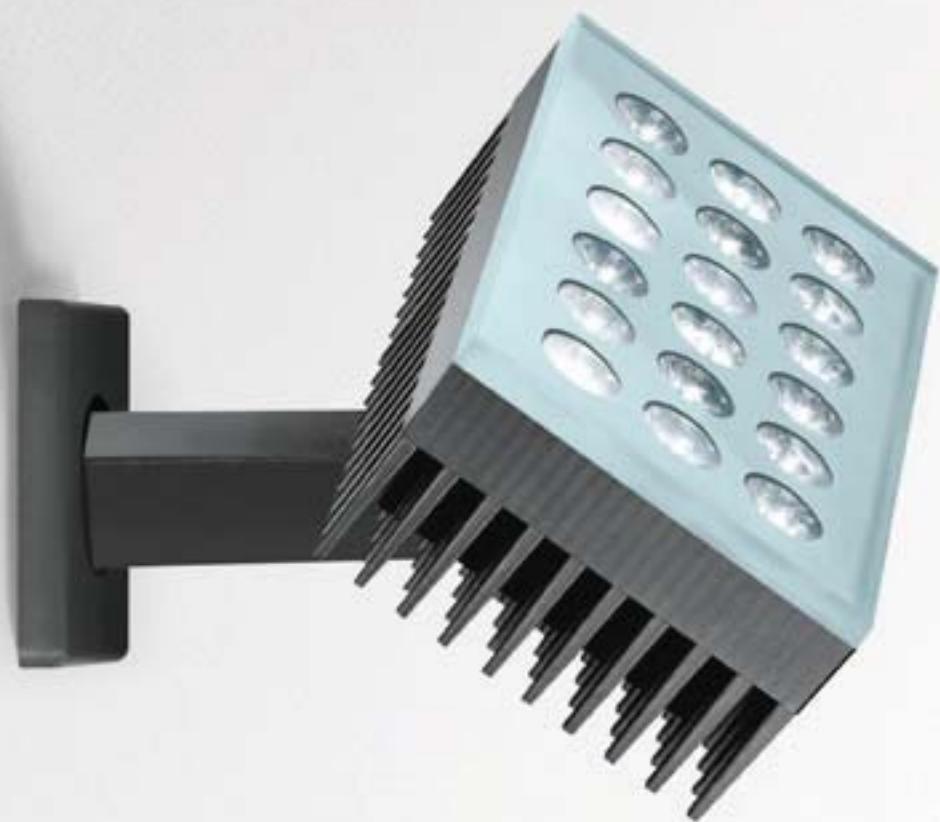
- Asjutable light fixture with direct emission, with high-performance LED light sources.

- Ground, wall, eaves installation.

- 2 sizes: 134 x 134, 238 x 134 mm.

- Composed by adjustable lighting unit and support (housing the wiring). Rotation on the base +/-180°, body tilt +/-100° by means of a graduated metal ring allowing an accurate adjustment. Positioning is maintained by means of locking dowels.

- Body and support in EN AB44100 aluminium, silicone gaskets.

- Electronic ballast integrated in the body.

- Silkscreened tempered glass siliconed to a secondary frame.

- Wiring to be carried out by means of plug IP 68.

- PMMA lenses in 3 different versions of beams.

- White monochromatic LEDs available in 3 colour temperatures:

  Warm = 3000K
  Neutral = 4000K
  Cold = 6000K

- AISI 316 stainless steel screws.

- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.

- Technical features of light fixtures in compliance with EN60598-1 and part 2-5.

- IP Rating IP65-IP67.

- Insulation class I.
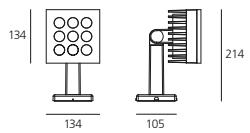
Falange 9

● light grey
● anthracite grey

Glass thickness 10 mm

IP65 **IK**10 ⊕ 🔲 🔲₀₃

NL3000010K002	9 LED	19W	3000K	9°	●	light grey
NL3000010K005	9 LED	19W	3000K	9°	●	anthracite grey
NL3000010W002	9 LED	19W	4000K	9°	●	light grey
NL3000010W005	9 LED	19W	4000K	9°	●	anthracite grey
NL3000010Z002	9 LED	19W	6000K	9°	●	light grey
NL3000010Z005	9 LED	19W	6000K	9°	●	anthracite grey

220/240Vac 50/60Hz electronic ballast

Effective power 22W

H m	ØC0 m	ØC90 m	E lux
0,5	0,09	0,09	29745
1	0,19	0,19	7436
1,5	0,28	0,28	3305
2	0,38	0,38	1859
2,5	0,47	0,47	1190
3	0,57	0,57	826

— C = 0°-180° Cd/Klm
⋯ C = 90°-270°   α=9°

NL3000039K002	9 LED	19W	3000K	32°	●	light grey
NL3000039K005	9 LED	19W	3000K	32°	●	anthracite grey
NL3000039W002	9 LED	19W	4000K	32°	●	light grey
NL3000039W005	9 LED	19W	4000K	32°	●	anthracite grey
NL3000039Z002	9 LED	19W	6000K	32°	●	light grey
NL3000039Z005	9 LED	19W	6000K	32°	●	anthracite grey

220/240Vac 50/60Hz electronic ballast

Effective power 22W

H m	ØC0 m	ØC90 m	E lux
0,5	0,32	0,32	4049
1	0,63	0,63	1012
1,5	0,95	0,95	450
2	1,27	1,27	253
2,5	1,59	1,59	162
3	1,90	1,90	112

— C = 0°-180° Cd/Klm
⋯ C = 90°-270°   α=32°

NL30000ELK002	9 LED	19W	3000K	6x45°	●	light grey
NL30000ELK005	9 LED	19W	3000K	6x45°	●	anthracite grey
NL30000ELW002	9 LED	19W	4000K	6x45°	●	light grey
NL30000ELW005	9 LED	19W	4000K	6x45°	●	anthracite grey
NL30000ELZ002	9 LED	19W	6000K	6x45°	●	light grey
NL30000ELZ005	9 LED	19W	6000K	6x45°	●	anthracite grey

220/240Vac 50/60Hz electronic ballast

Effective power 22W

H m	ØC0 m	ØC90 m	E lux
0,5	0,06	0,44	13826
1	0,13	0,89	3466
1,5	0,19	1,33	1540
2	0,26	1,77	866
2,5	0,32	2,22	554
3	0,39	2,66	385

— C = 0°-180° Cd/Klm
⋯ C = 90°-270°   α=6x45°

Spot optic

Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

Flood optic

Wide luminous flow suitable for lighting large areas.

Wall Washer optic

Elliptical distribution of the luminous flow suitable for wall washer effect.

Falange 18

134

238   105

Falange 18

⬤ light grey
⬤ anthracite grey

Glass thickness 10 mm

IP65 **IK**10 ⊕ ▽ ⋘₃

NL3000110K002	18 LED	38W	3000K	9°	⬤	light grey
NL3000110K005	18 LED	38W	3000K	9°	⬤	anthracite grey
NL3000110W002	18 LED	38W	4000K	9°	⬤	light grey
NL3000110W005	18 LED	38W	4000K	9°	⬤	anthracite grey
NL3000110Z002	18 LED	38W	6000K	9°	⬤	light grey
NL3000110Z005	18 LED	38W	6000K	9°	⬤	anthracite grey

220/240Vac 50/60Hz electronic ballast

Effective power 44W

H m	ØC0 m	ØC90 m	E lux
0,5	0,09	0,09	59490
1	0,19	0,19	14872
1,5	0,28	0,28	6610
2	0,38	0,38	3718
2,5	0,47	0,47	2380
3	0,57	0,57	1652

C = 0°-180° Cd/Klm
C = 90°-270°   α=9°
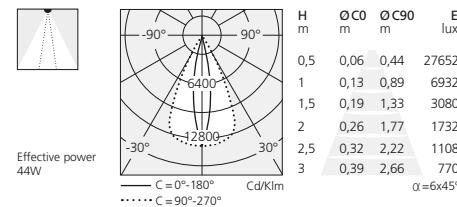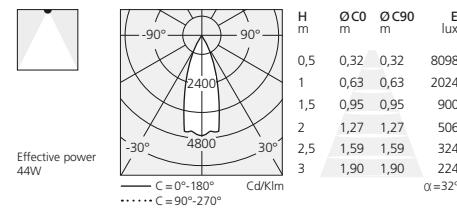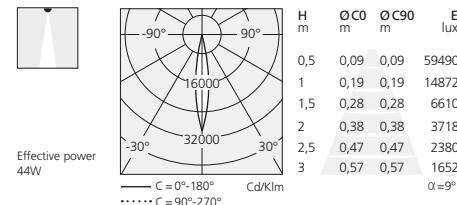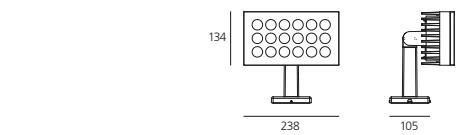
NL3000139K002	18 LED	38W	3000K	32°	⬤	light grey
NL3000139K005	18 LED	38W	3000K	32°	⬤	anthracite grey
NL3000139W002	18 LED	38W	4000K	32°	⬤	light grey
NL3000139W005	18 LED	38W	4000K	32°	⬤	anthracite grey
NL3000139Z002	18 LED	38W	6000K	32°	⬤	light grey
NL3000139Z005	18 LED	38W	6000K	32°	⬤	anthracite grey

220/240Vac 50/60Hz electronic ballast

Effective power 44W

H m	ØC0 m	ØC90 m	E lux
0,5	0,32	0,32	8098
1	0,63	0,63	2024
1,5	0,95	0,95	900
2	1,27	1,27	506
2,5	1,59	1,59	324
3	1,90	1,90	224

C = 0°-180° Cd/Klm
C = 90°-270°   α=32°

NL30001ELK002	18 LED	38W	3000K	6x45°	⬤	light grey
NL30001ELK005	18 LED	38W	3000K	6x45°	⬤	anthracite grey
NL30001ELW002	18 LED	38W	4000K	6x45°	⬤	light grey
NL30001ELW005	18 LED	38W	4000K	6x45°	⬤	anthracite grey
NL30001ELZ002	18 LED	38W	6000K	6x45°	⬤	light grey
NL30001ELZ005	18 LED	38W	6000K	6x45°	⬤	anthracite grey

220/240Vac 50/60Hz electronic ballast

Effective power 44W

H m	ØC0 m	ØC90 m	E lux
0,5	0,06	0,44	27652
1	0,13	0,89	6932
1,5	0,19	1,33	3080
2	0,26	1,77	1732
2,5	0,32	2,22	1108
3	0,39	2,66	770

C = 0°-180° Cd/Klm
C = 90°-270°   α=6x45°

Ego spot

2005

- Light fixture with adjustable direct emission, with high-performance LED light sources.
- Floor, wall and ceiling installation.
- 2 sizes (diameter 103mm Ego Spot 5 and 110mm Ego Spot 7).
- Composed by body, frame, glass and bracket.
- Adjustable lighting unit.
  Rotation on the vertical axis +/-90°. Positioning is maintained by means of locking screws.
- Body and frame in computer numerical control machined billet aluminium.
- Painted spot with 2-stage outdoor treatment: primer, outdoor paint.
- EPDM gasket.
- Connection cable HO5RN-F with standard length of 1 meter.

- Remote ballast.
- PMMA lenses in 3 different versions of beams.
- White monochromatic LEDs available in 2 colour temperatures:
  Warm = 3000K
  Neutral = 4000K
- Picket for ground installation in galvanized sheet iron.
- AISI 316 stainless steel screws.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-5.
- IP Rating IP65.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

Ego 5 Spot

86 | 34
102 | 20
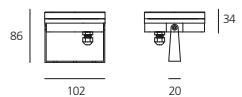
Ego 5 Spot

⬤ silver grey

Glass thickness 10mm

IP65

NL763210K0	5 LED	12W	3000K	10°	
NL763210W0	5 LED	12W	4000K	10°	
700mA ballast					
NL763310K0	5 LED	16,8W	3000K	10°	
NL763310W0	5 LED	16,8W	4000K	10°	
24 Vdc ballast					
NL763225K0	5 LED	12W	3000K	25°	
NL763225W0	5 LED	12W	4000K	25°	
700mA ballast					
NL763325K0	5 LED	16,8W	3000K	25°	
NL763325W0	5 LED	16,8W	4000K	25°	
24 Vdc ballast					
NL763240K0	5 LED	12W	3000K	40°	
NL763240W0	5 LED	12W	4000K	40°	
700mA ballast					
NL763340K0	5 LED	16,8W	3000K	40°	
NL763340W0	5 LED	16,8W	4000K	40°	
24 Vdc ballast					

Effective power 15W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,13	0,13	33121
1	0,25	0,25	8280
1,5	0,38	0,38	3680
2	0,51	0,51	2070
2,5	0,63	0,63	1325
3	0,76	0,76	920

— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 6°x45°

Effective power 15W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,19	0,19	10789
1	0,39	0,39	2697
1,5	0,58	0,58	1199
2	0,77	0,77	674
2,5	0,96	0,96	432
3	1,16	1,16	300

— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 6°x45°

Effective power 15W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,35	0,35	3820
1	0,70	0,70	955
1,5	1,05	1,05	424
2	1,40	1,40	239
2,5	1,75	1,75	153
3	2,10	2,10	106

— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 6°x45°

NL19028	Ballast	21W	700mA	IP67	1 max
NL62040	Ballast	40W	24Vdc	IP67	1 max
NL89080	Ballast	70W	24Vdc	IP67	2 max
NL62880	Ballast	150W	24Vdc	IP67	6 max

NL97150	Picket
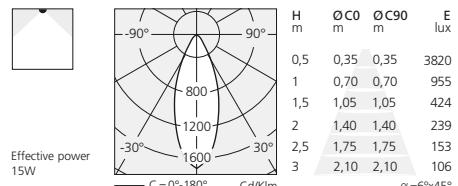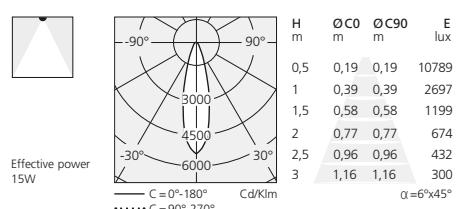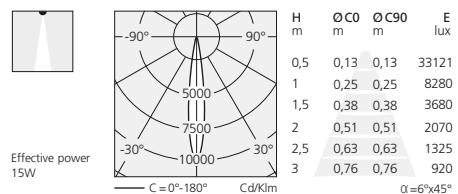
Cisterne di Frigento (BN) - IT

Ego 7 Spot

89
110
20
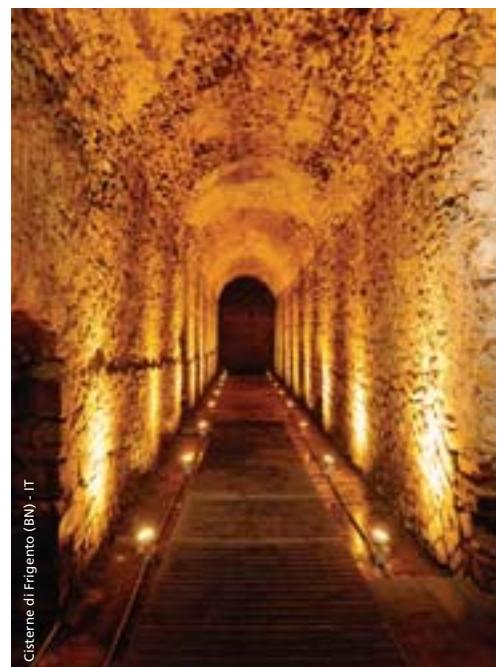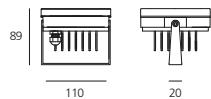
Ego 7 Spot

● silver grey

Glass thickness 10mm

IP65

NL763610K0	7 LED	16,8W	3000K	10°
NL763610W0	7 LED	16,8W	4000K	10°
700mA ballast					

Effective power 21W

H m	ØC0 m	ØC90 m	E lux
0,5	0,12	0,12	23773
1	0,25	0,25	5943
1,5	0,37	0,37	2641
2	0,49	0,49	1486
2,5	0,61	0,61	951
3	0,74	0,74	660

—— C = 0°-180° Cd/Klm
······ C = 90°-270°   α=10°
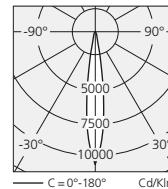
NL763625K0	7 LED	16,8W	3000K	25°
NL763625W0	7 LED	16,8W	4000K	25°
700mA ballast					

Effective power 21W

H m	ØC0 m	ØC90 m	E lux
0,5	0,19	0,19	14520
1	0,39	0,39	3630
1,5	0,58	0,58	1613
2	0,78	0,78	907
2,5	0,97	0,97	581
3	1,17	1,17	403

—— C = 0°-180° Cd/Klm
······ C = 90°-270°   α=25°
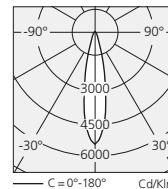
NL763625K0	7 LED	16,8W	3000K	40°
NL763625W0	7 LED	16,8W	4000K	40°
700mA ballast					

Effective power 21W

H m	ØC0 m	ØC90 m	E lux
0,5	0,34	0,34	5380
1	0,68	0,68	1345
1,5	1,02	1,02	598
2	1,36	1,36	336
2,5	1,70	1,70	215
3	2,04	2,04	149

—— C = 0°-180° Cd/Klm
······ C = 90°-270°   α=40°
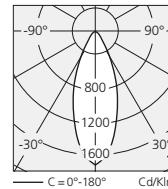
NL19029	Ballast 21W 700mA IP67	1 max

NL97150	Picket

Spot optic

Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

10° optic

Medium optic

Medium luminous flux to highlight details, large sections of windows.

25° optic

Flood optic

Wide luminous flow suitable for lighting large areas.

40° optic

Minispot

- Light fixture with high-performance LED light sources.
- Ground, floor, wall installation.
- Composed by body, metal ring, diffuser in transparent polycarbonate.
- Body and metal ring in computer numerical control machined billet anticorodal aluminium.
- Painted spot with 2-stage outdoor treatment: primer, outdoor paint.
- Silicone gaskets.
- 100cm-long two-pole connection cable H05RN-F.
- Fixed optic. PMMA lenses in 3 different versions of beams (10°, 25°, 40°).

- White monochromatic LEDs available in 3 colour temperatures:
  Warm   = 3000K
  Neutral = 4000K
  Cold   = 6000K
- Picket for ground installation in galvanized sheet iron.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- IP Rating IP65.
- Insulation class III.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

Minispot

33
100
30 20

Mini Spot

⬤ silver grey

IP65

NL702910K0	1 LED	2,2W	3000K	10°	
NL702910W0	1 LED	2,2W	4000K	10°	
700mA electronic ballast					

Effective power 2,75W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,16	0,16	1923
1	0,32	0,32	481
1,5	0,48	0,48	214
2	0,64	0,64	120
2,5	0,80	0,80	77
3	0,96	0,96	53
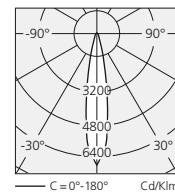
— C = 0°-180°   Cd/Klm
····· C = 90°-270°   α =10°

NL702925K0	1 LED	2,2W	3000K	25°	
NL702925W0	1 LED	2,2W	4000K	25°	
350mA electronic ballast					

Effective power 2,75W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,23	0,23	1034
1	0,46	0,46	259
1,5	0,69	0,69	115
2	0,92	0,92	65
2,5	1,15	1,15	41
3	1,39	1,39	29
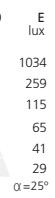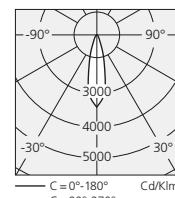
— C = 0°-180°   Cd/Klm
····· C = 90°-270°   α =25°

NL702940K0	1 LED	2,2W	3000K	40°	
NL702940W0	1 LED	2,2W	4000K	40°	
350mA electronic ballast					

Effective power 2,75W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,23	0,23	1034
1	0,46	0,46	259
1,5	0,69	0,69	115
2	0,92	0,92	65
2,5	1,15	1,15	41
3	1,39	1,39	29
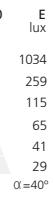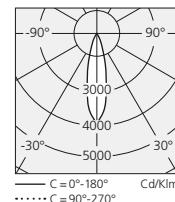
— C = 0°-180°   Cd/Klm
····· C = 90°-270°   α =40°

NL19023	Ballast	6W	700mA	IP67	2 max
NL19024	Ballast	12W	700mA	IP67	4 max
NL19028	Ballast	21W	700mA	IP67	7 max

NL97150	Ground installation picket
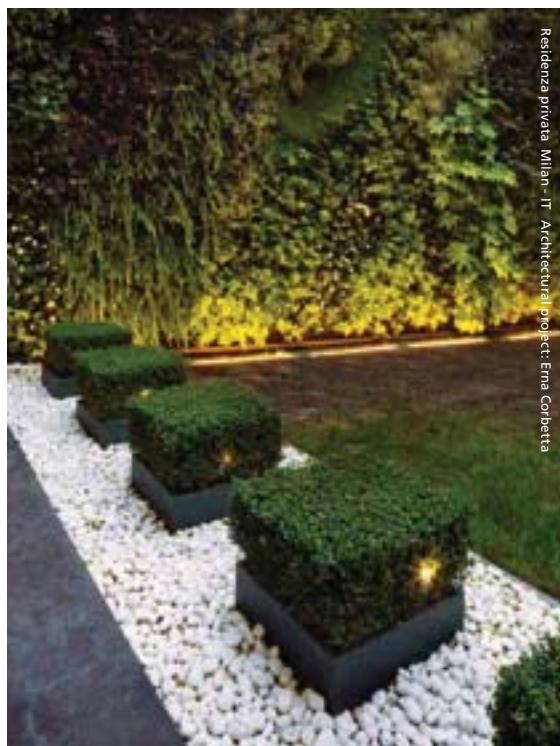
Residenza privata Milan - IT Architectural project: Erna Corbetta

Dado

- Light fixture with high-performance LED light sources.
- Wall installation.
- Square version.
- Adjustable spot lamp on the axis perpendicular to the wall (90°) and on the axis parallel to the wall by means of spot head rotation (355°).
- Composed by adjustable structure, spot unit, diffuser in transparent polycarbonate
- Spot unit in computer numerical control machined billet anticorodal aluminium.
- Painted projector with 2-stage outdoor treatment: primer, outdoor paint.
- Anodized finishing.
- Electrical connection to the mains by means of remote ballast.
- Silicone gaskets.

- 50 cm-long two-pole connection cable H05RN-F.
- Fixed optic. PMMA lenses in 3 different versions of beams (10°, 30°, elliptical).
- White monochromatic LEDs available in 2 colour temperatures:
  Warm   = 3000K
  Neutral = 4000K
- Aluminium wall fixing bracket.
- Technical features of light fixtures in compliance with EN60598-1 and part 2-13.
- IP Rating IP65.
- Insulation class III.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.

Dado

200

50
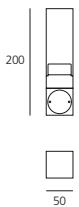
Dado

⬤ silver grey

Spot unit in anticorodal
aluminium
Diffuser in transparent
polycarbonate

IP65

NL734810K0	1 LED	4,4W	3000K	10°	
NL734810W0	1 LED	4,4W	4000K	10°	
350mA electronic ballast					

Effective power
5,5W

H m	ØC0 m	ØC90 m	E lux
0,5	0,18	0,18	5200
1	0,37	0,37	1300
1,5	0,55	0,55	578
2	0,73	0,73	325
2,5	0,92	0,92	208
3	1,10	1,10	144

— C = 0°-180° Cd/Klm
······ C = 90°-270°   α=10°
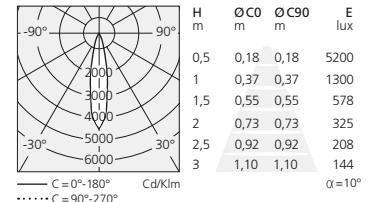
NL734810K0	1 LED	4,4W	3000K	30°	
NL734810W0	1 LED	4,4W	4000K	30°	
350mA electronic ballast					

Effective power
5,5W

H m	ØC0 m	ØC90 m	E lux
0,5	0,30	0,30	1812
1	0,61	0,61	453
1,5	0,91	0,91	201
2	1,22	1,22	113
2,5	1,52	1,52	72
3	1,82	1,82	50

— C = 0°-180° Cd/Klm
······ C = 90°-270°   α=30°
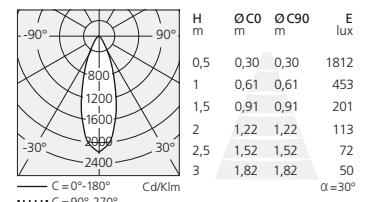
NL734810K0	1 LED	4,4W	3000K	48x32°	
NL734810W0	1 LED	4,4W	4000K	48x32°	
350mA electronic ballast					

Effective power
5,5W

H m	ØC0 m	ØC90 m	E lux
0,5	0,21	0,45	1923
1	0,42	0,90	481
1,5	0,63	1,35	214
2	0,84	1,81	120
2,5	1,04	2,26	77
3	1,25	2,71	53

— C = 0°-180° Cd/Klm
······ C = 90°-270°   α=48x32°
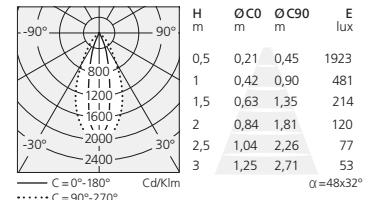
NL19019	Ballast	12,6W	350mA	IP67	2 max

Hotel Mulino Grande, Cusago - IT   Architectural project: Antonella Tesei

177

Metamorfosi kit outdoor

2000

- Light fixture kit with halogen sources.
- Floor or wall installation.
- Dark green finish.
- The kit is composed by 3 cylinders containing 3 halogen projectors with red, green and blue dichroic filters, which allow a wide range of light coloured atmospheres to be created. A fourth cylinder contains the distribution board and the receiver.
- It is available in stand-alone or synchronized version, and up to 120 supplementary items, controllable from the same board (30 for each output), can be added to the basic lamp unit.
- It is possible, using a remote control, to select standard atmospheres and to adjust the light intensity.

- Lamp unit in extruded aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- A support bracket allows floor or wall mounting and the adjustment of projectors.
- Reflector in anodized aluminium.
- Transparent moulded tempered glass + coloured dichroic filters.
- Stainless steel fixing screws and silicone seal gaskets.
- Suitable for watertight connection.
- Technical features of the light fixture in compliance with EN60598-1.
- IP Rating IP65.
- Insulation class I.

Metamorfosi kit outdoor
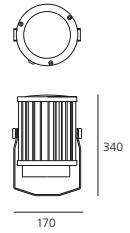
Metamorfosi Kit outdoor stand alone

● green

Kit of 3 projectors + distribution board and receiver. Dichroic filters and fixing bracket included

IP65

16,7 M

A220700	HALO 3x150W (B15d) - ECO
220/240Vac 50/60Hz	electronic ballast

A299500	Set of pickets for soft ground (4 pieces)

Red

H m	ØC0 m	ØC90 m	E lux
0,5	1,59	1,59	278
1,0	3,18	3,18	70
1,5	4,76	4,76	31
2,0	6,35	6,35	17
2,5	7,94	7,94	11
3,0	9,53	9,53	8

C=0°-180° Cd/Klm α=58°
C=90°-270°

Green

H m	ØC0 m	ØC90 m	E lux
0,5	1,03	1,03	701
1,0	2,06	2,06	175
1,5	3,10	3,10	78
2,0	4,13	4,13	44
2,5	5,16	5,16	28
3,0	6,19	6,19	19

C=0°-180° Cd/Klm α=46°
C=90°-270°

Blue

H m	ØC0 m	ØC90 m	E lux
0,5	2,62	2,62	164
1,0	5,24	5,24	41
1,5	7,86	7,86	18
2,0	10,47	10,47	10
2,5	13,09	13,09	7
3,0	15,71	15,71	5

C=0°-180° Cd/Klm α=69°
C=90°-270°
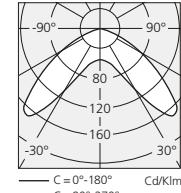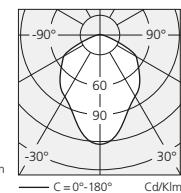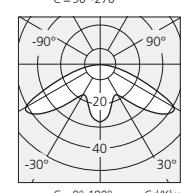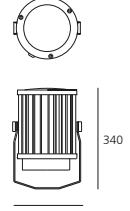
Metamorfosi Kit outdoor synchronized

● green

Kit of 3 projectors + distribution board and receiver. Distribution board-repeater and remote control supplied separately. Dichroic filters and fixing bracket included

IP65

16,7 M

A220900	HALO 3x150W (B15d) - ECO
220/240Vac 50/60Hz	electronic ballast

A299700	Repeater
A299600	Remote control
A299500	Set of pickets for soft ground (4 pieces)

Red

H m	ØC0 m	ØC90 m	E lux
0,5	1,59	1,59	278
1,0	3,18	3,18	70
1,5	4,76	4,76	31
2,0	6,35	6,35	17
2,5	7,94	7,94	11
3,0	9,53	9,53	8

C=0°-180° Cd/Klm α=58°
C=90°-270°

Green

H m	ØC0 m	ØC90 m	E lux
0,5	1,03	1,03	701
1,0	2,06	2,06	175
1,5	3,10	3,10	78
2,0	4,13	4,13	44
2,5	5,16	5,16	28
3,0	6,19	6,19	19

C=0°-180° Cd/Klm α=46°
C=90°-270°

Blue

H m	ØC0 m	ØC90 m	E lux
0,5	2,62	2,62	164
1,0	5,24	5,24	41
1,5	7,86	7,86	18
2,0	10,47	10,47	10
2,5	13,09	13,09	7
3,0	15,71	15,71	5

C=0°-180° Cd/Klm α=69°
C=90°-270°

Metamorfosi kit outdoor

n. Metamorfosi kit

Repeater

Remote control

- Several Metamorfosi kits can be connected at a certain distance from one another, so that they project the same colour tonalities or they alternate the same atmospheres simultaneously. This is obtained by using a special distribution board called repeater, which receives the remote control signals and forwards them to the single Metamorfosi kits.
- For working in synchronized mode, the following elements are needed:
- 1 signal repeater distribution board provided with receiver for remote control;
- a certain number of Metamorfosi kits for synchronized mode;
- connection cables for synchronization signals (not included in the standard supply);
- a remote control.

- The repeater distribution board is supplied with the mains voltage.
- It must be placed so as to be reached by the remote control signals. It is provided with four different outputs with RJll connectors (4/4). Each of them controls a group of Metamorfosi kit. A cable transferring the control signals to the first Metamorfosi kit is connected to each output. The cable coming out of the first kit goes towards the second Metamorfosi kit and so on, up to the last kit. The signal cable AVG26, provided with "straight" connection, is flat with 4 wires. A maximum of 30 kits can be connected to each output, while the sum of the lengths of the signal cables of the kits connected to an output must not exceed 70m.
- To avoid electromagnetic interferences, the signal cables must not be channelized together with other electric cables. The outputs which are not used on the repeater must be "closed" by means of the proper "end plug" supplied with the kit. In the same way the last kit of a group connected to an output must be closed.

Effetto | 2011
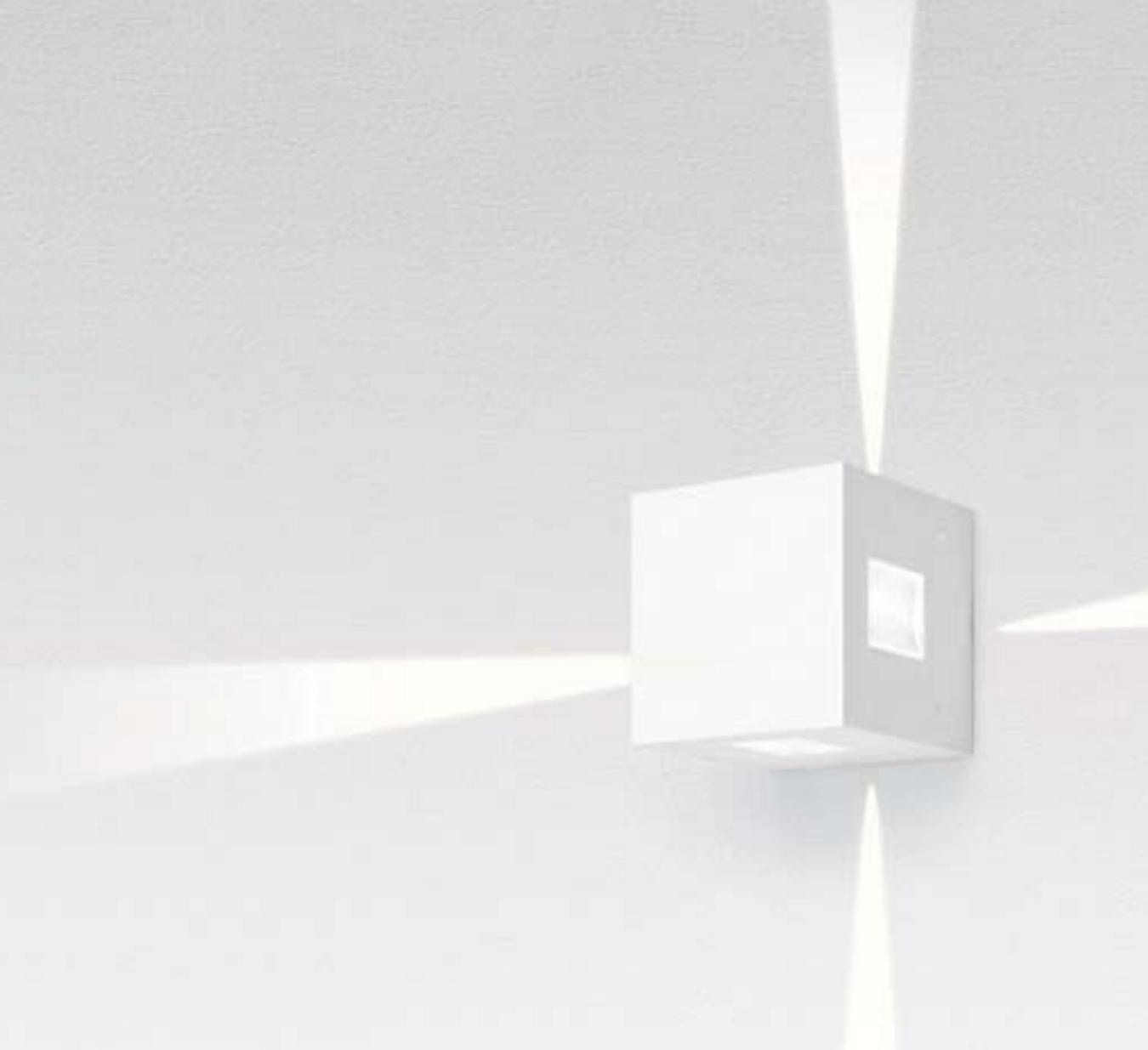
- Light fixture with 1, 2 or 4 light beams using monochromatic LED light sources together with light-diffusing lenses which optimize the optical performance of the beams and establish their width. Designed to create geometric lights of scenic effect, it is available with beams of the same spread or with combined beams.
- Beam spread 15° and 90°.
- Wall installation.
- Available in two finishes: light grey painted and rust painted.
- Composed by lighting cap unit and terminal board fixed together by means of locking dowels.
- Cap in die-cast EN AB-47100 aluminium.
- Terminal board in reinforced polymer.
- Watertight gasket in silicone rubber.
- Electronic ballast integrated in the fixture.
- PMMA lenses siliconed flush with the cap to obtain two different beam angle opening (narrow and wide).

- White monochromatic LEDs available in 3 colour temperatures:

  Warm   = 3000K
  Neutral = 4000K
  Cold   = 6000K
- Wiring to be carried out inside the terminal board by piercing an IP65 membrane grommet suitable for cables with a diameter of 6-13 mm.
- Locking dowels used outside the fixture in AISI 316 stainless steel.
- Painted die-cast aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Effetto
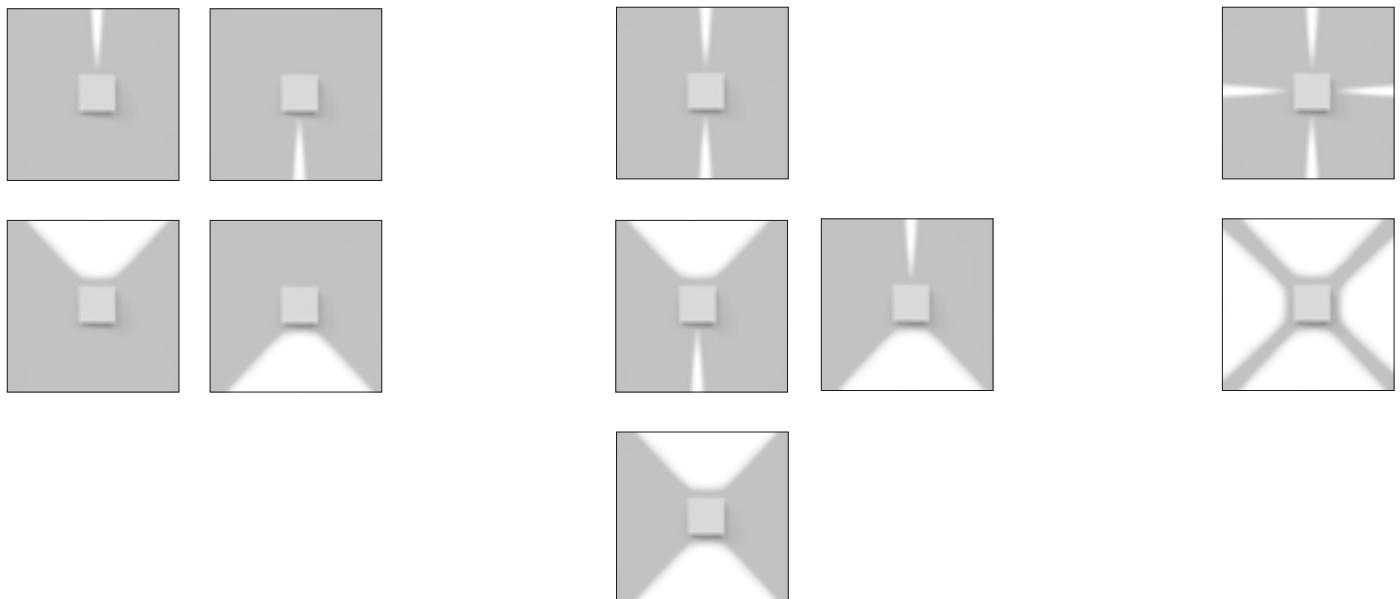
Effetto

Effetto
1 narrow beam

● light grey
● rust

IP65 □ F̅ ⟪03

|						
T42021NW00	1LED	2,05W	3000K	1x15°	●	light grey
T42021NW10	1LED	2,05W	3000K	1x15°	●	rust
T42021NN00	1LED	2,05W	4000K	1x15°	●	light grey
T42021NN10	1LED	2,05W	4000K	1x15°	●	rust
T42021NC00	1LED	2,05W	6000K	1x15°	●	light grey
T42021NC10	1LED	2,05W	6000K	1x15°	●	rust

220/240Vac 50/60Hz electronic ballast

Effective power
2,7W
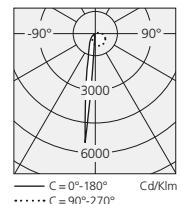
Effetto
1 large beam

● light grey
● rust

IP65 □ F̅ ⟪03

T42021LW00	1LED	2,05W	3000K	1x90°	●	light grey
T42021LW10	1LED	2,05W	3000K	1x90°	●	rust
T42021LN00	1LED	2,05W	4000K	1x90°	●	light grey
T42021LN10	1LED	2,05W	4000K	1x90°	●	rust
T42021LC00	1LED	2,05W	6000K	1x90°	●	light grey
T42021LC10	1LED	2,05W	6000K	1x90°	●	rust

220/240Vac 50/60Hz electronic ballast

Effective power
2,7W
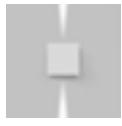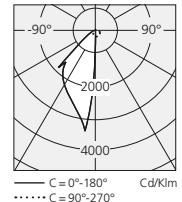
Effetto
2 narrow beams

● light grey
● rust

IP65 □ F̅ ⟪03

T42012NW00	2LED	4,12W	3000K	2x15°	●	light grey
T42012NW10	2LED	4,12W	3000K	2x15°	●	rust
T42012NN00	2LED	4,12W	4000K	2x15°	●	light grey
T42012NN10	2LED	4,12W	4000K	2x15°	●	rust
T42012NC00	2LED	4,12W	6000K	2x15°	●	light grey
T42012NC10	2LED	4,12W	6000K	2x15°	●	rust

220/240Vac 50/60Hz electronic ballast

Effective power
5,4W
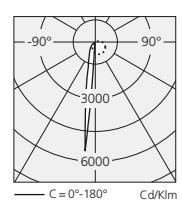
Effetto
1 narrow beam
1 large beam

● light grey
● rust

IP65 □ F̅ ⟪03

T4201NLW00	2LED	4,12W	3000K	2x15°+ 1x90°	●	light grey
T4201NLW10	2LED	4,12W	3000K	2x15°+ 1x90°	●	rust
T4201NLN00	2LED	4,12W	4000K	2x15°+ 1x90°	●	light grey
T4201NLN10	2LED	4,12W	4000K	2x15°+ 1x90°	●	rust
T4201NLC00	2LED	4,12W	6000K	2x15°+ 1x90°	●	light grey
T4201NLC10	2LED	4,12W	6000K	2x15°+ 1x90°	●	rust

220/240Vac 50/60Hz electronic ballast

Effective power
5,4W
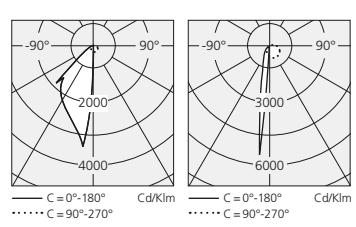
Effetto

**Effetto
2 large beams**

● light grey
● rust

IP65 ▢ F ◇03

T42012LW00	2LED	4,12W	3000K	2x90°	● light grey
T42012LW10	2LED	4,12W	3000K	2x90°	● rust
T42012LN00	2LED	4,12W	4000K	2x90°	● light grey
T42012LN10	2LED	4,12W	4000K	2x90°	● rust
T42012LC00	2LED	4,12W	6000K	2x90°	● light grey
T42012LC10	2LED	4,12W	6000K	2x90°	● rust

220/240Vac 50/60Hz electronic ballast

Effective power
5,4W

140

140
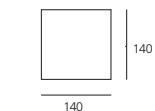
**Effetto
4 narrow beams**

● light grey
● rust

IP65 ▢ F ◇03

T42004NW00	4LED	8,21W	3000K	4x15°	● light grey
T42004NW10	4LED	8,21W	3000K	4x15°	● rust
T42004NN00	4LED	8,21W	4000K	4x15°	● light grey
T42004NN10	4LED	8,21W	4000K	4x15°	● rust
T42004NC00	4LED	8,21W	6000K	4x15°	● light grey
T42004NC10	4LED	8,21W	6000K	4x15°	● rust

220/240Vac 50/60Hz electronic ballast

Effective power
10,8W

140

140
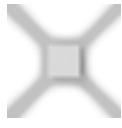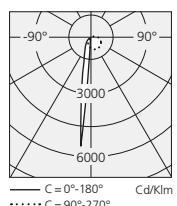
**Effetto
4 large beams**

● light grey
● rust

IP65 ▢ F ◇03

T42004LW00	4LED	8,21W	3000K	4x90°	● light grey
T42004LW10	4LED	8,21W	3000K	4x90°	● rust
T42004LN00	4LED	8,21W	4000K	4x90°	● light grey
T42004LN10	4LED	8,21W	4000K	4x90°	● rust
T42004LC00	4LED	8,21W	6000K	4x90°	● light grey
T42004LC10	4LED	8,21W	6000K	4x90°	● rust

220/240Vac 50/60Hz electronic ballast

Effective power
10,8W

140

140

Molla

design

Ernesto Gismondi
2011
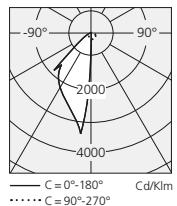
- Light fixture with 2 combined light beams:
  the large one with lighting function
  and the narrow one with decorative function.
- Wall installation. The fixture can be installed
  with the main beam pointed either downwards
  or upwards according to the kind of lighting desired
  (direct or indirect).
- The large beam is obtained by the combination
  of a monochromatic LED light source with
  a reflector. The narrow beam is obtained
  by the combination of a monochromatic LED light
  source with a high-performance projector.
- Available in two finishes:
  light grey painted and anthracite grey painted.
- Composed by lighting cap unit and terminal
  board fixed together by means of locking screws.
- Cap and terminal board in die-cast
  EN AB-47100 aluminium.
- Watertight gasket in silicone rubber.
- Electronic ballast integrated in the fixture.
- Projector composed by a body in reinforced
  polymer and PMMA lenses.

- Tempered and silkscreened light-diffusing glasses,
  siliconed flush with the lighting cap.
- Power connection to the mains to be carried out
  outside the fixture, without need of opening it,
  by means of a pre-installed IP65 connection device
  suitable for cables with a diameter between
  6 and 13 mm.
- Wall fixing by means of a bracket in folded steel
  sheet to which the fixture is fastened
  with two screws.
- Locking screws used outside the fixture
  in AISI 316 stainless steel.
- Die-cast aluminium and bracket painted with 3-stage
  outdoor treatment: nanotechnologies, antioxidant
  primer, polyester paint.
- Technical features of light fixtures in compliance
  with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Molla
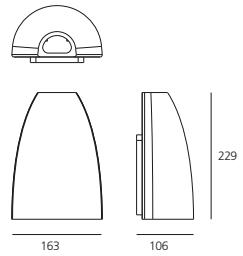
Molla

⬤ light grey
⬤ anthracite grey

IP65 ▢ ▽ ⫷

229

163   106

T4190NLW00	indirect emission	1 LED	10W	3000K	90°	⬤	light grey
	direct emission	1 LED	2W	3000K	8°		
T4190NLW10	indirect emission	1 LED	10W	3000K	90°	⬤	anthracite grey
	direct emission	1 LED	2W	3000K	8°		
T4190NLN00	indirect emission	1 LED	10W	4000K	90°	⬤	light grey
	direct emission	1 LED	2W	4000K	8°		
T4190NLN10	indirect emission	1 LED	10W	4000K	90°	⬤	anthracite grey
	direct emission	1 LED	2W	4000K	8°		
T4190NLC00	indirect emission	1 LED	10W	6000K	90°	⬤	light grey
	direct emission	1 LED	2W	6000K	8°		
T4190NLC10	indirect emission	1 LED	10W	6000K	90°	⬤	anthracite grey
	direct emission	1 LED	2W	6000K	8°		

220/240Vac 50/60Hz electronic ballast

Effective power
14,3W

Cuneo

design

Klaus Begasse

2010

- Light fixture with direct side emission, with high-performance LED light sources. Six monochromatic LEDs are used together with six collimators and a light-diffusing prismatic screen to obtain an optimum lighting beam.
- Floor or wall installation. In the wall installation, the light can be pointed either upwards or downwards.
- Available in two finishes: light grey painted and rust painted.
- Composed by lighting cap and terminal board fixed together by means of locking screws.
- Cap and terminal board in die-cast EN AB-47100 aluminium, gaskets in silicone rubber. Electronic ballast integrated in the fixture.
- PMMA collimators installed on the LED light sources.
- Light-diffusing prismatic screen in PMMA siliconed flush with the lighting cap.
- Power connection to the mains to be carried out outside the fixture, without need of opening it, by means of a pre-installed IP65 connection device suitable for cables with a diameter between 6 and 13 mm.
- Wall installation by means of a bracket in folded steel sheet to which the fixture is fastened with two screws.
- Screws in AISI 316 stainless steel.
- All the components in die-cast aluminium and the steel bracket for wall or floor fixing are painted by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.
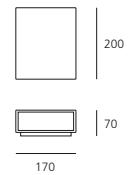
Cuneo

Cuneo					
● light grey	T082900	6 LED	13,35W	3000K	● light grey
● rust	T082910	6 LED	13,35W	3000K	● rust
	220/240Vac 50/60Hz electronic ballast				

IP65 **IK**10

200
70
170

Effective power
16,6W

H m	Ø C0 m	Ø C90 m	E lux
0,5	0,13	0,62	8599
1,0	0,26	1,23	2150
1,5	0,38	1,85	955
2,0	0,51	2,46	537
2,5	0,64	3,08	344
3,0	0,77	3,69	239
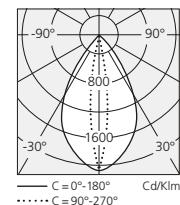
——— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α=32°

The elliptical light emission and the flat shape
of the fixture make it particularly suitable for floors
or spacious areas in gardens to provide a side lighting.

Niki

- Light fixture with diffuse emission,
  with halogen, fluorescent or LED sources.
- Wall and ceiling installation.
- Emergency version only for wall mounting.
- LED version available with microwaves
  movement detector adjustable from 2 to 10 m
  and from 10 to 30 minutes, and with daylight sensor
  adjustable from 10 to 500 lux.
- Lamp unit in AISI316 stainless steel.
- Moulded covering frame in AISI316 stainless steel,
  satiny or polished finish.
- Reflector in bright aluminium.
- Available with two types of diffusers:
- Moulded prismatic diffuser in sodium-calcium
  glass with internal satin finish;
- Moulded prismatic shock resistant diffuser
  in opal UV-stabilized thermoplastic material.
- AISI 316 stainless steel screws and polyurethane
  seal gaskets.
- Suitable for watertight connection.
- Ferromagnetic and electronic ballast.
- IP Rating IP65.
- ENEC approved (not for 1x18w fluo version).
- Insulation class I.

Niki

ø 312   98
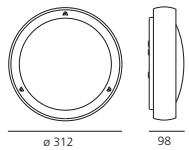
Niki

Prismatic glass
diffuser

○ satiny
⊘ polished

IP65 ⊕ 🅵

L221180	HALO max 1x52W (E27) - ECO	03		○ satiny
L221190	HALO max 1x52W (E27) - ECO	03		⊘ polished

220/240Vac 50/60Hz main voltage
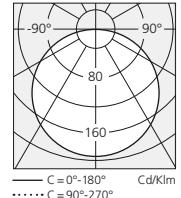
L220380	FLUO 2x18W (G24d-2) - TC-D	03		○ satiny
L220390	FLUO 2x18W (G24d-2) - TC-D	03		⊘ polished

220/240Vac 50/60Hz main voltage
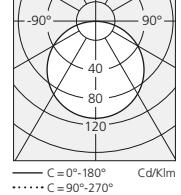
L220480	FLUO 2x18W (G24q-2) - TC-DEL	03		○ satiny
L220490	FLUO 2x18W (G24q-2) - TC-DEL	03		⊘ polished

220/240Vac 50/60Hz electronic ballst

L222180	FLUO 1x18W (G24d-2) - TC-DEL	with emergency	○ satiny
L222190	FLUO 1x18W (G24d-2) - TC-DEL	with emergency	⊘ polished

220/240Vac 50/60Hz electronic ballst   wall mounting only
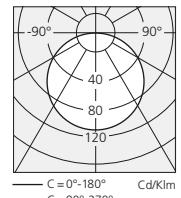
L228080	36 LED	11W	4000K		○ satiny
L228090	36 LED	11W	4000K		⊘ polished
L228280	36 LED	11W	4000K	mov. detector + daylight	○ satiny
L228290	36 LED	11W	4000K	mov. detector + daylight	⊘ polished

220/240Vac 50/60Hz electronic ballst

ø 312   98
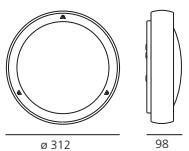
Niki

Opal polycarbonate
diffuser

○ satiny
⊘ polished

IP65 ⊕ 🅵

L225380	FLUO 2x18W (G24d-2) - TC-D	03		○ satiny
L225390	FLUO 2x18W (G24d-2) - TC-D	03		⊘polished

220/240Vac 50/60Hz main voltage
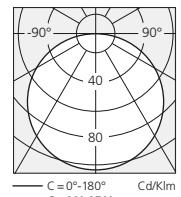
L225480	FLUO 2x18W (G24q-2) - TC-DEL	03		○ satiny
L225490	FLUO 2x18W (G24q-2) - TC-DEL	03		⊘polished

220/240Vac 50/60Hz electronic ballst

L227180	FLUO 1x18W (G24d-2) - TC-DEL	with emergency	○ satiny
L227190	FLUO 1x18W (G24d-2) - TC-DEL	with emergency	⊘ polished

220/240Vac 50/60Hz electronic ballst   wall mounting only
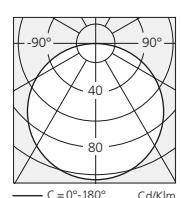
L228180	36 LED	11W	4000K		○ satiny
L228190	36 LED	11W	4000K		⊘polished
L228380	36 LED	11W	4000K	mov. detector + daylight	○ satiny
L228390	36 LED	11W	4000K	mov. detector + daylight	⊘polished

220/240Vac 50/60Hz electronic ballst

Pantarei

design

Ernesto Gismondi
1993, 2012

- Series of light fixtures with diffuse emission, with halogen, fluorescent or LED sources.
- Wall and ceiling installation.
- 3 sizes (190, 300 e 390mm).
- Available in two finishes: silver grey painted and black painted.
- Available with two types of diffusers:
- Honeycomb moulded diffuser in internally sanded sodium-calcium glass;
- Honeycomb moulded prismatic shock resistant diffuser in opal polycarbonate.
- Pantarei 190 can be provided with half-light screen.
- Emergency version only for wall mounting.
- Pantarei 300 LED available with microwaves movement detector adjustable from 2 to 10 m and from 10 to 30 minutes, and with daylight sensor adjustable from 10 to 500 lux.
- Lamp unit in die-cast EN-AB 46100 aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Reflector in anodized aluminium.
- AISI 316 stainless steel screws and silicone seal gaskets.
- Suitable for watertight connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved: only versions with ferromagnetic ballast.
- Insulation class I.

Pantarei 190
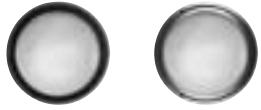
Pantarei 190

Sanded glass
diffuser

● black
○ silver grey

IP65

T270230	HALO max 1x28W (E14) - ECO		● black
T270290	HALO max 1x28W (E14) - ECO		○ silver grey
T270030	FLUO 1x10W (G24d-1) - TC-D		● black
T270090	FLUO 1x10W (G24d-1) - TC-D		○ silver grey
T270030	FLUO 1x10W (G24d-1) - TC-D		● black
T270090	FLUO 1x10W (G24d-1) - TC-D		○ silver grey
220/240Vac 50/60Hz main voltage			
T277630	21 LED	8W	3000K	● black
T277690	21 LED	8W	3000K	○ silver grey
220/240Vac 50/60Hz electronic supplier			

ø 180
80

HALO
-90° 90°
60
90
150
— C = 0°-180° Cd/Klm
····· C = 90°-270°

FLUO
-90° 90°
30
60
— C = 0°-180° Cd/Klm
····· C = 90°-270°

-90° 90°
30
60
— C = 0°-180° Cd/Klm
····· C = 90°-270°
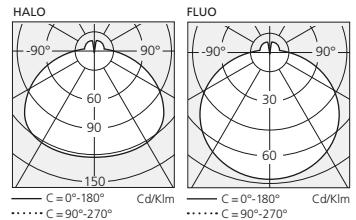
Pantarei 190

Opal polycarbonate
diffuser

● black
○ silver grey

IP65

T270130	FLUO 1x10W (G24d-1) - TC-D		● black
T270190	FLUO 1x10W (G24d-1) - TC-D		○ silver grey
T270030	FLUO 1x10W (G24d-1) - TC-D		● black
T270090	FLUO 1x10W (G24d-1) - TC-D		○ silver grey
220/240Vac 50/60Hz main voltage			
T277730	21 LED	8W	3000K	● black
T277790	21 LED	8W	3000K	○ silver grey
220/240Vac 50/60Hz electronic supplier			

ø 180
80

-90° 90°
32
48
80
— C = 0°-180° Cd/Klm
····· C = 90°-270°

-90° 90°
32
48
80
— C = 0°-180° Cd/Klm
····· C = 90°-270°
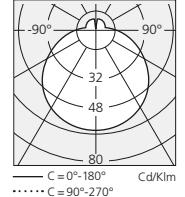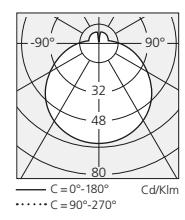
Pantarei 190

Opal polycarbonate
diffuser
Half-light screen

● black
○ silver grey

IP65

T273730	FLUO 1x10W (G24d-1) - TC-D		● black
T273790	FLUO 1x10W (G24d-1) - TC-D		○ silver grey
220/240Vac 50/60Hz main voltage			

ø 180
80

-90° 90°
16
24
40
— C = 0°-180° Cd/Klm
····· C = 90°-270°
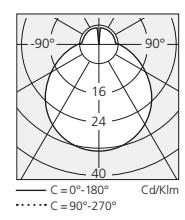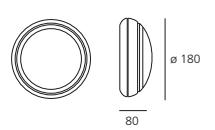
Pantarei 300 glass

ø 300

100
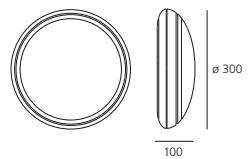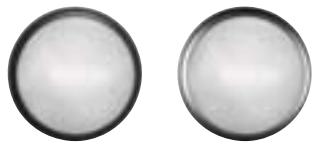
Pantarei 300

Sanded glass
diffuser

● black
● silver grey

IP65

T271630	HALO max 1x70W (E27) ECO or FLUO 1x23W (E27) - TC-TSE	03		● black	
T271690	HALO max 1x70W (E27) ECO or FLUO 1x23W (E27) - TC-TSE	03		● silver grey	

220/240Vac 50/60Hz main voltage

Cd/Klm
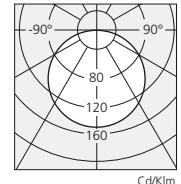
T271230	FLUO 1x26W (G24d-3) - TC-D	03		● black	
T271290	FLUO 1x26W (G24d-3) - TC-D	03		● silver grey	

220/240Vac 50/60Hz main voltage
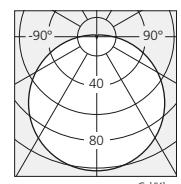
T276430	FLUO 1x26W (G24q-3) - TC-DEL		● black

220/240Vac 50/60Hz electronic ballast

Cd/Klm

T291230	FLUO 1x24W (2G10) - TC-FEL	with emergency	● black
T291230	FLUO 1x24W (2G10) - TC-FEL	with emergency	● silver grey

220/240Vac 50/60Hz electronic ballast
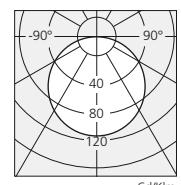
T271030	FLUO 2x18W (G24d-2) - TC-D	03		● black	
T271090	FLUO 2x18W (G24d-2) - TC-D	03		● silver grey	

220/240Vac 50/60Hz main voltage

T277230	FLUO 2x18W (G24q-2) - TC-DEL		● black

220/240Vac 50/60Hz electronic ballast

Cd/Klm
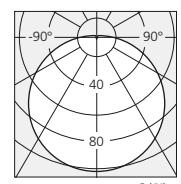
T277830	36 LED	11W	4000K		● black
T277890	36 LED	11W	4000K		● silver grey
T278030	36 LED	11W	4000K	mov. detector + daylight	● black
T278090	36 LED	11W	4000K	mov. detector + daylight	● silver grey

220/240Vac 50/60Hz electronic ballast

Cd/Klm
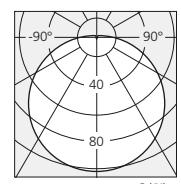
Pantarei 300 policarbonate
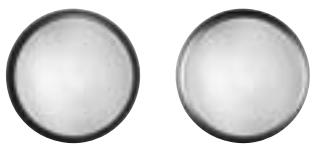
Pantarei 300

Opal polycarbonate diffuser

● black
◉ silver grey

IP65 ⏚ 🔻
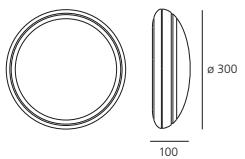
T271330	FLUO 1x26W (G24d-3) - TC-D				●	black
T271390	FLUO 1x26W (G24d-3) - TC-D				◉	silver grey
220/240Vac 50/60Hz main voltage						
T276530	FLUO 1x26W (G24q-3) - TC-DEL				●	black
alimentazione elettronica 220/240Vdc 50/60Hz						
T291330	FLUO 1x24W (2G10) - TC-FEL		with emergency		●	black
T291390	FLUO 1x24W (2G10) - TC-FEL		with emergency		◉	silver grey
alimentazione elettronica 220/240Vdc 50/60Hz						
T271130	FLUO 2x18W (G24d-2) - TC-D				●	black
T271190	FLUO 2x18W (G24d-2) - TC-D				◉	silver grey
220/240Vac 50/60Hz main voltage						
T277330	FLUO 2x18W (G24q-2) - TC-DEL				●	black
alimentazione elettronica 220/240Vdc 50/60Hz						
T277930	36 LED	11W	4000K		●	black
T277990	36 LED	11W	4000K		◉	silver grey
T278130	36 LED	11W	4000K	mov. detector + daylight	●	black
T278190	36 LED	11W	4000K	mov. detector + daylight	◉	silver grey
alimentazione elettronica 220/240Vac 50/60Hz						
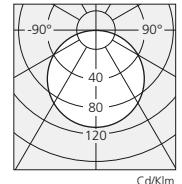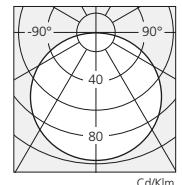
ø 300

100

Cd/Klm

Cd/Klm

Cd/Klm
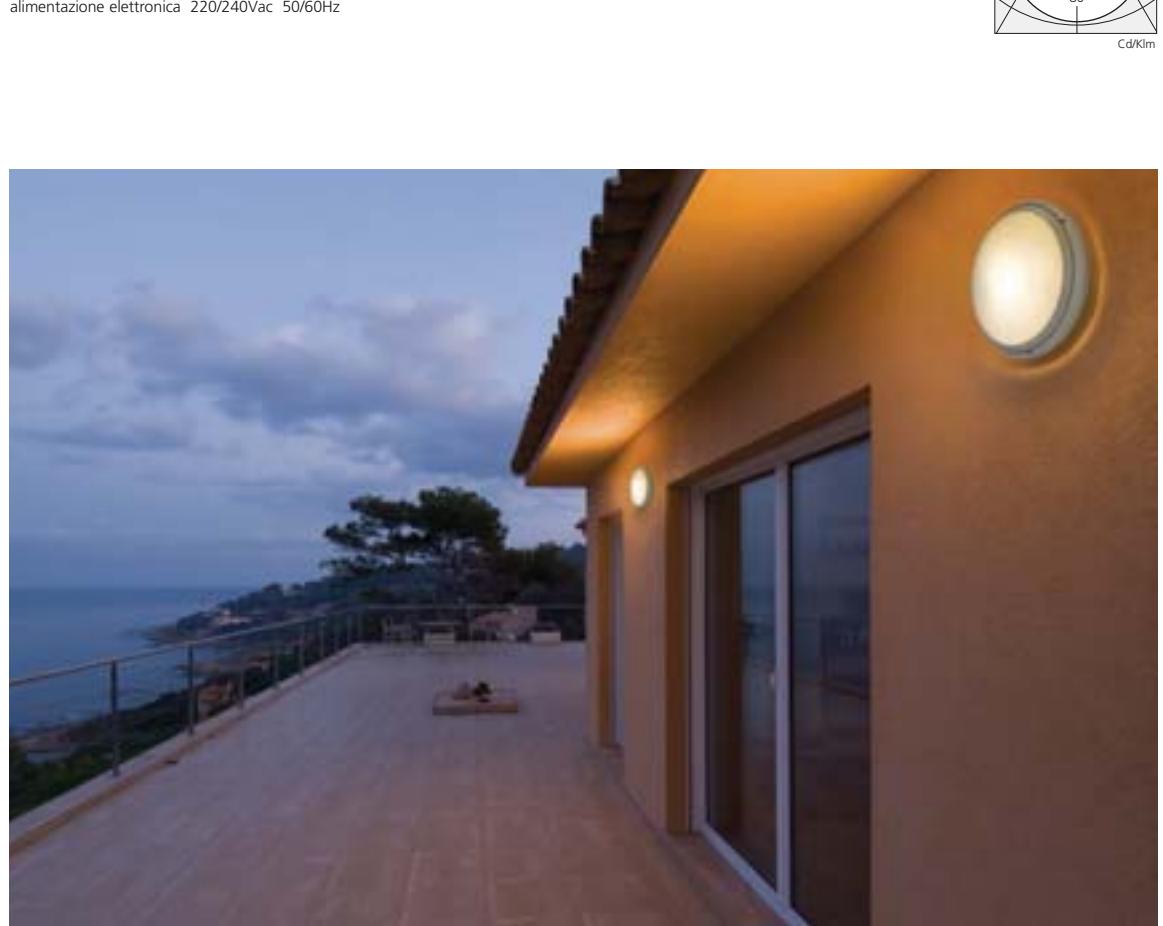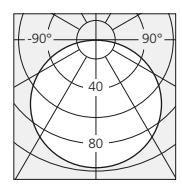
Pantarei 390

Pantarei 390

Sanded glass
diffuser

● black
● silver grey

IP65

T273130	HALO max 2x60W (E27) - ECO			● black
T273190	HALO max 2x60W (E27) - ECO			● silver grey

220/240Vac 50/60Hz main voltage
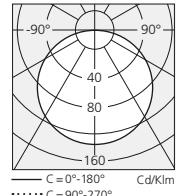
T272030	FLUO 2x26W (G24d-3) - TC-D			● black
T272090	FLUO 2x26W (G24d-3) - TC-D			● silver grey

220/240Vac 50/60Hz main voltage
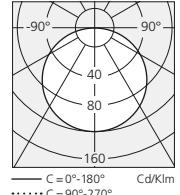
T293830	FLUO 1x24W (2G10) - TC-FEL			● black
T293890	FLUO 1x24W (2G10) - TC-FEL			● silver grey
T293630	FLUO 1x36W (2G10) - TC-FEL	with emergency	● black
T293690	FLUO 1x36W (2G10) - TC-FEL	with emergency	● silver grey

220/240Vac 50/60Hz electronic ballast

T278230	70 LED	25W	4000K	● black
T278290	70 LED	25W	4000K	● silver grey

alimentazione elettronica 220/240Vac 50/60Hz
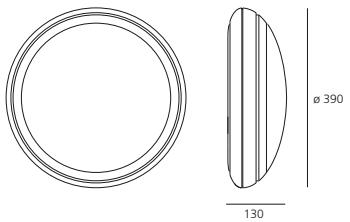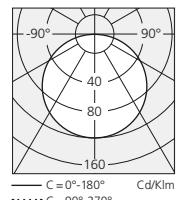
Pantarei 390

Opal polycarbonate
diffuser

● black
● silver grey

IP65

T272130	FLUO 2x26W (G24d-3) - TC-D			● black
T272190	FLUO 2x26W (G24d-3) - TC-D			● silver grey

220/240Vac 50/60Hz main voltage
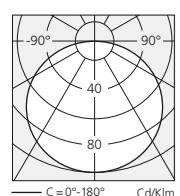
T293930	FLUO 1x24W (2G10) - TC-FEL	with emergency	● black
T293990	FLUO 1x24W (2G10) - TC-FEL	with emergency	● silver grey
T293730	FLUO 1x36W (2G10) - TC-FEL	with emergency	● black
T293790	FLUO 1x36W (2G10) - TC-FEL	with emergency	● silver grey

220/240Vac 50/60Hz electronic ballast

T278330	70 LED	25W	4000K	● black
T278390	70 LED	25W	4000K	● silver grey

alimentazione elettronica 220/240Vac 50/60Hz
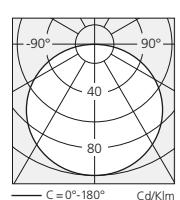
Dioscuri

design

Michele De Lucchi
1999

- Wall and ceiling light fixture with diffuse emission, with fluorescent or halogen sources.
- Available in 4 sizes (ø14, ø25, ø35 e ø42 cm).
- Wall support in thermoplastic resin.
- Acid-etched blown glass diffuser, milk white colour.
- Silicone seal gaskets.
- Suitable for watertight connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Dioscuri

130
ø 140
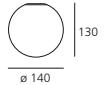
Dioscuri 14

Blown glass diffuser

IP65 ▢ ▽F ≪03

1039010A	HALO max 1x60W (G9) - ECO
	220/240Vac 50/60Hz main voltage

C = 0°-180°   Cd/Klm
C = 90°-270°

230
ø 250
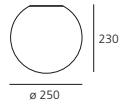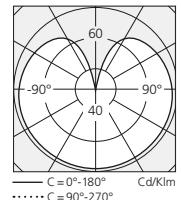
Dioscuri 25

Blown glass diffuser

IP65 ▢ ▽F ≪03

0112010A	HALO max 1x70W (E27) - ECO
	or FLUO 1x20W (E27) - TC-TSE
	220/240Vac 50/60Hz main voltage

C = 0°-180°   Cd/Klm
C = 90°-270°

340
ø 350
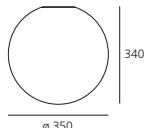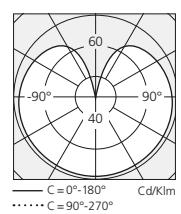
Dioscuri 35

Blown glass diffuser

IP65 ▢ ▽F ≪03

0116010A	HALO max 1x105W (E27) - ECO
	or FLUO 1x23W (E27) - TC-TSE
	220/240Vac 50/60Hz main voltage

C = 0°-180°   Cd/Klm
C = 90°-270°

420
ø 420
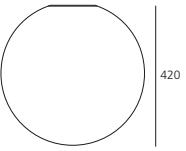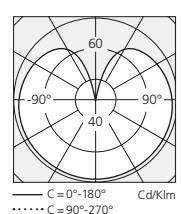
Dioscuri 42

Blown glass diffuser

IP65 ▢ ▽F ≪03

0117010A	HALO max 1x105W (E27) - ECO
	or FLUO 1x23W (E27) - TC-TSE
	220/240Vac 50/60Hz main voltage
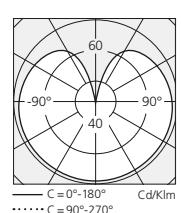
C = 0°-180°   Cd/Klm
C = 90°-270°

Capsule

- Ceiling light fixture with diffuse emission,
  with fluorescent or halogen sources.
- Wall support in thermoplastic resin.
- Acid-etched blown glass diffuser, milk white colour.
- Silicone seal gaskets.
- Suitable for watertight connection.
- Technical features of light fixtures in compliance
  with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Capsule

330

⌀ 450
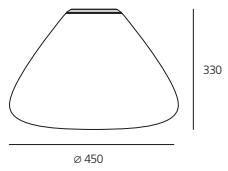
Capsule

Blown glass diffuser

IP65 □ ▽F ⧫09

1604010A	HALO max 1x105W (E27) - ECO
	or FLUO 1x23W (E27) - TC-TSE
220/240Vac 50/60Hz	main voltage

60

-90° 90°

40

—— C = 0°-180°   Cd/Klm
····· C = 90°-270°

Mitasi

design

Ernesto Gismondi
1991

- Wall/ceiling light fixture with diffuse emission, with fluorescent or halogen light sources.
- Horizontal or vertical installation.
- Available in two finishes: silver grey painted and black painted.
- Lamp unit in die-cast EN-AB 46100 aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Reflector in bright anodized aluminium.
- Moulded diffuser in internally sanded sodium-calcium glass with transparent profile.
- The fixture can be provided with directional screen in bright anodized aluminium.
- Stainless steel screws and silicone seal gaskets.
- Suitable for watertight connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Mitasi

			140
			145
			410
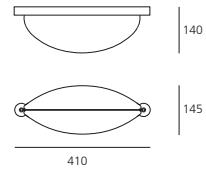
Mitasi

● black
● silver grey

Blown glass diffuser

IP65

T052310	HALO max 2x28W (E14) - ECO	● black	
T052390	HALO max 2x28W (E14) - ECO	● silver grey	
220/240Vac 50/60Hz	main voltage		
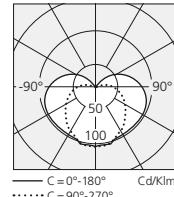
T052210	FLUO 1x26W (G24d-3) - TC-D	● black	
T052290	FLUO 1x26W (G24d-3) - TC-D	● silver grey	
220/240Vac 50/60Hz	main voltage		
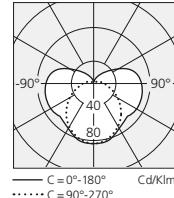
T087100	Directional screen

Chilone

design

Ernesto Gismondi
2009

- Series of light fixtures with direct emission, with high-performance LED light sources.
- Floor, pole or wall installation.
- Available in two finishes: light grey painted and rust painted.

Chilone wall

- It can be installed with the light pointed either downwards or upwards.
- Composed by lamp, lamp support and wall support.
- Lamp unit in die-cast EN-AB 47100 aluminium.
- UV resistant diffuser in shock resistant polycarbonate with satiny finish.
- Lamp support in extruded EN-AW-6060 aluminium.
- Wall support in steel.
- Painting is obtained by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gasket.
- Provided with IP67 cable and connector for the mains connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.
- Supporto parete incluso

Chilone pole

- Height 250 cm
- Composed by lamp, lamp support and ground fixing pole.
- Lamp unit in die-cast EN-AB 47100 aluminium.
- UV resistant diffuser in shock resistant polycarbonate with satiny finish.
- Lamp support in extruded EN-AW-6060 aluminium.
- Ground fixing pole in painted extruded EN-AW-6060 aluminium. It must be installed by means of a proper foundation plinth.
- Painting is obtained by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gasket.
- Provided with IP67 cable and connector for the mains connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Chilone floor

- Available with downward emission in two heights (h4 5cm and h 90cm) and with upward emission (Chilone Up).
- Composed by lamp, support pole and ground mounting plate.
- Lamp unit in die-cast EN-AB 47100 aluminium.
- UV resistant diffuser in shock resistant polycarbonate with satiny finish.
- Support pole in extruded EN-AW-6060 aluminium, chromate treated and painted.
- Mounting plate in folded, welded and painted steel, with holes for ground fixing by means of log bolts or dowels.
- Painting is obtained by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gasket.
- Provided with IP67 cable and connector for the mains connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Chilone

Chilone floor 45

LED 7W			Lighting application		
h	L	a	Em	Emax	Emin
0.45 m	1.0 m	3.0 m	55 lux	300 lux	1.5 lux
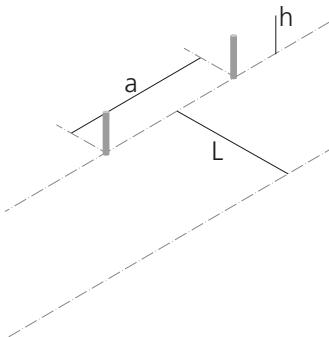
Chilone floor 90

LED 7W			Lighting application		
h	L	a	Em	Emax	Emin
0.90 m	1.0 m	4.0 m	32 lux	115 lux	1.5 lux
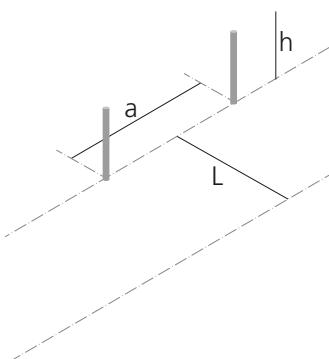
Chilone pole

LED 15W			Lighting application		
h	L	a	Em	Emax	Emin
2.50 m	2.5 m	9.25 m	8 lux	19 lux	1.5 lux
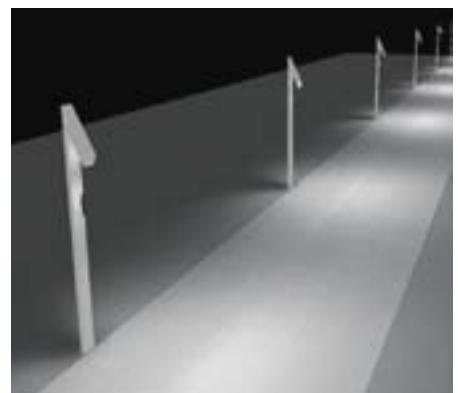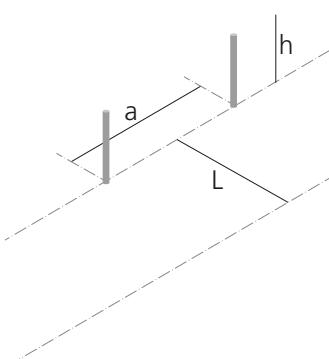
Chilone
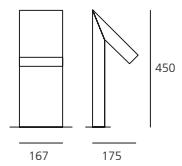
Chilone floor 45

light grey
rust

IP65

T082200	6 LED	7W	4000K	light grey
T082210	6 LED	7W	4000K	rust

220/240Vac 50/60Hz electronic ballast
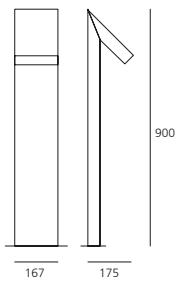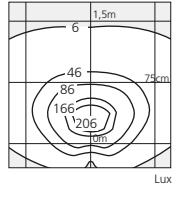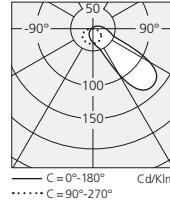
Chilone floor 90

light grey
rust

IP65

T082100	6 LED	7W	4000K	light grey
T082110	6 LED	7W	4000K	rust

220/240Vac 50/60Hz electronic ballast
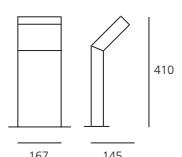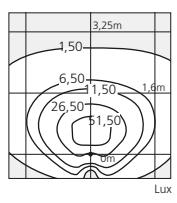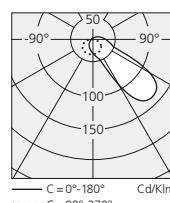
Chilone Up

light grey
rust

IP65

T082300	6 LED	15W	4000K	light grey
T082310	6 LED	15W	4000K	rust

220/240Vac 50/60Hz electronic ballast

Chilone

2500

167   210
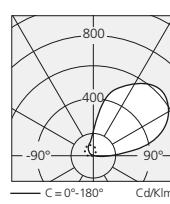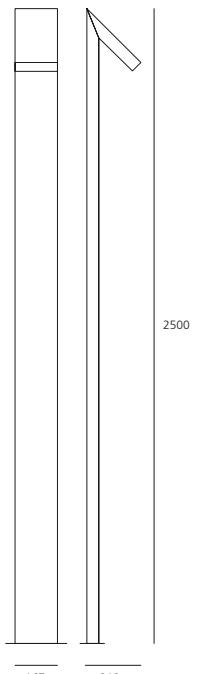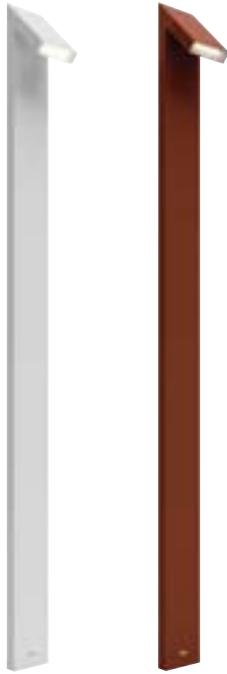
Chilone pole

● light grey
● rust

Underground pole included

IP65 ▢ Ⓕ ⏚ 03

T082000	6 LED	15W	4000K	● light grey
T082010	6 LED	15W	4000K	● rust

220/240Vac 50/60Hz electronic ballast

167   230   400

210
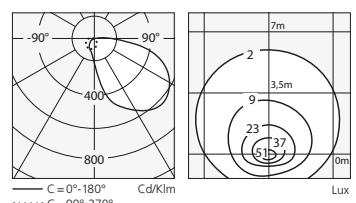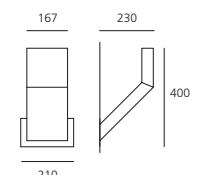
Chilone wall

● light grey
● rust

Wall support included

IP65 ▢ Ⓕ ⏚ 03

T082400	6 LED	15W	4000K	● light grey
T082410	6 LED	15W	4000K	● rust
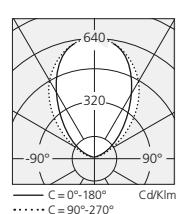
220/240Vac 50/60Hz electronic ballast

Ciclope

- Lighting system with diffuse unilateral or bilateral emission, with high-performance LED light sources.
- Light emission is obtained by the combination of six monochromatic LED light sources, a reflector and an opaline diffuser.
- Floor, wall or recessed installation.
- Available in two finishes: light grey painted and rust painted.

Ciclope floor

- Available in unilateral and bilateral emission version and in two heights (h 50cm and h 90cm).
- Stem in extruded EN AW-6060 aluminium.
- Lighting unit composed by:
  - frame in reinforced polymer;
  - diffuser in light-diffusing polycarbonate;
  - plate in pickled, machined and galvanized steel;
  - watertight gasket in silicone rubber;
  - LED circuit;
  - electronic ballast;
  - reflector in painted spun aluminium;
  - PG13.5 cable gland, H05RN-F cable and IP65 electrical connection device suitable for cables with a diameter between 6 and 13 mm and allowing the electrical interfacing with the external mains without need of opening the fixture.
- The lighting unit houses the electrical components and sources.
- Aesthetic cover in die-cast EN AB-47100 aluminium.
- Ground mounting plate in folded, welded and painted steel, with holes for ground fixing by means of log bolts or dowels.
- The elements are fixed together by means of screws. All the locking screws used outside the fixture and inside the stem are in AISI 304 stainless steel.
- The components in die-cast, extruded aluminium and steel are painted by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Ciclope recessed

- Lighting unit composed by:
  - frame in reinforced polymer;
  - diffuser in light-diffusing polycarbonate;
  - plate in pickled, machined and galvanized steel;
  - watertight gasket in silicone rubber;
  - LED circuit;
  - electronic ballast;
  - riflettore in alluminio tornito in lastra e verniciato
  - PG13.5 cable gland, H05RN-F cable and IP65 electrical connection device suitable for cables with a diameter between 6 and 8.5 mm and allowing the electrical interfacing with the external mains without need of opening the fixture.
- The lighting unit houses the electrical components and sources.
- Aesthetic cover in die-cast EN AB-47100 aluminium painted by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Recessing box in reinforced polymer, can be ordered separately.
- The elements are fixed together by means of screws. All the locking screws used outside the fixture and inside the stem are in AISI 304 stainless steel.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Ciclope wall

- Box in extruded EN AW-6060 aluminium.
- Lighting unit composed by:
  - frame in reinforced polymer;
  - diffuser in light-diffusing polycarbonate;
  - plate in pickled, machined and galvanized steel;
  - watertight gasket in silicone rubber;
  - LED circuit;
  - electronic ballast;
  - reflector in painted spun aluminium;
  - PG13.5 cable gland, H05RN-F cable and IP65 electrical connection device suitable for cables with a diameter between 6 and 8.5 mm and allowing the electrical interfacing with the external mains without need of opening the fixture.
- The lighting unit houses the electrical components and sources.
- Aesthetic cover in die-cast EN AB-47100 aluminium.
- The elements are fixed together by means of screws. All the locking screws used outside the fixture and inside the stem are in AISI 304 stainless steel.
- The components in die-cast, extruded aluminium and steel are painted by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Ciclope floor 50 unilateral

LED 6W			Lighting application		
h	L	a	Em	Emax	Emin
0.5 m	1.0 m	2.9 m	44 lux	300 lux	1.5 lux

Ciclope floor 90 unilateral/bilateral

LED 6W			Lighting application		
h	L	a	Em	Emax	Emin
0.9 m	1.0 m	3.5 m	32 lux	11 lux	1.5 lux
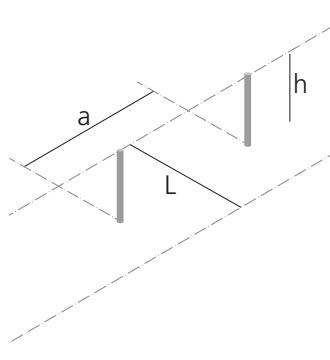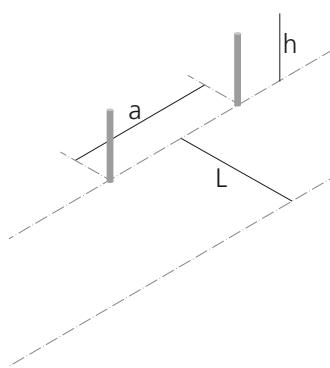
Ciclope wall/recessed

LED 6W			Lighting application		
h	L	a	Emed	a(Max)	E(Min)
0.5 m	1.0 m	2.9 m	44 lux	300 lux	1.5 lux

Ciclope floor 50

110

500
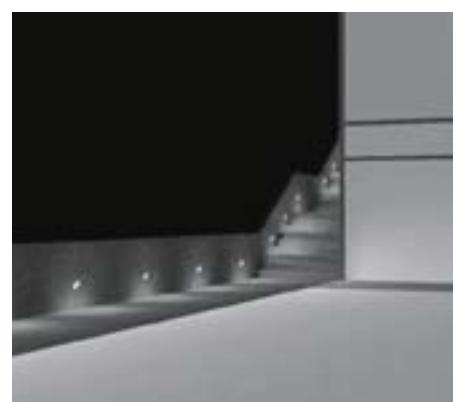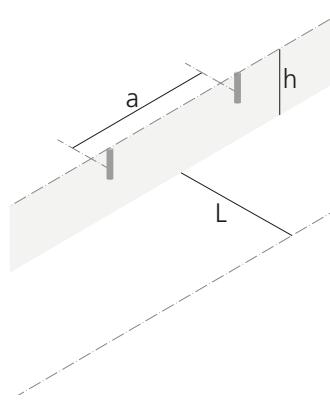
50   170

**Ciclope floor 50
Unilateral**

● light grey
● rust

IP65 ▫ ▽ ≪₀₃
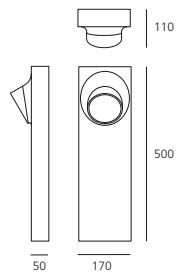
T081000	LED	6W	3000K	● light grey
T081010	LED	6W	3000K	● rust

220/240Vac 50/60Hz electronic ballast

Effective power
7,2W

— C = 0°-180°   Cd/Klm
······ C = 90°-270°

170

500

50   170

**Ciclope floor 50
Bilateral**

● light grey
● rust

IP65 ▫ ▽ ≪₀₃
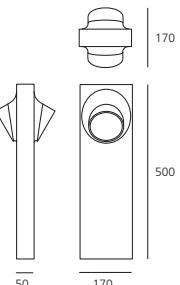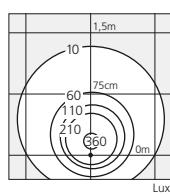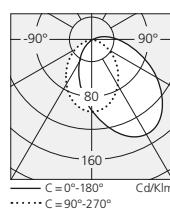
T081300	LED	2x6W	3000K	● light grey
T081310	LED	2x6W	3000K	● rust

220/240Vac 50/60Hz electronic ballast

Effective power
14,4W

— C = 0°-180°   Cd/Klm
······ C = 90°-270°

218

Ciclope floor 90

110

900
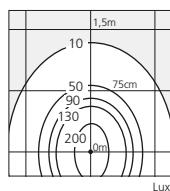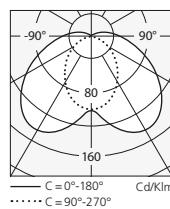
50   170

Ciclope floor 90 Unilateral

● light grey
● rust

IP65 ▣ ▽ᶠ ⫶⫶⫶ 03

T081100	LED	6W	3000K	● light grey
T081110	LED	6W	3000K	● rust

220/240Vac 50/60Hz electronic ballast

Effective power
7,2W

-90° 90°
80
160
— C = 0°-180°   Cd/Klm
····· C = 90°-270°

1,5m
30
60   75cm
90
120
10m
Lux

170

900
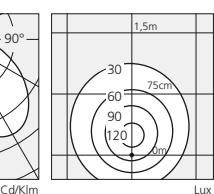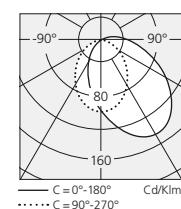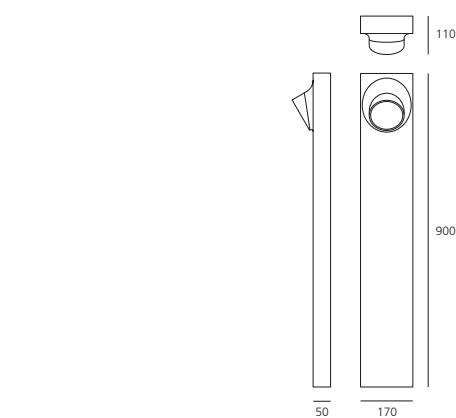
50   170

Ciclope floor 90 Bilateral

● light grey
● rust

IP65 ▣ ▽ᶠ ⫶⫶⫶ 03

T081400	LED	2x6W	3000K	● light grey
T081410	LED	2x6W	3000K	● rust

220/240Vac 50/60Hz electronic ballast

Effective power
14,4W

-90° 90°
80
160
— C = 0°-180°   Cd/Klm
····· C = 90°-270°

1,5m
30   75cm
100
150
200
10m
Lux

219
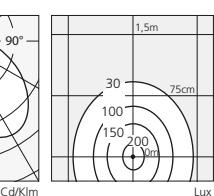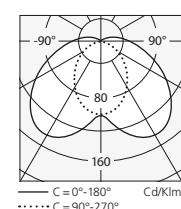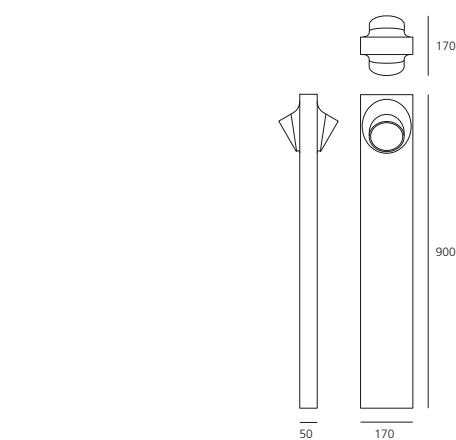
Ciclope

Ciclope recessed

⬤ light grey
🔴 rust

Recessing box
supplied separately

IP65 ▢ ⧖ ⫸₀₃

T081500	LED	6W	⬤	light grey
T081510	LED	6W	🔴	rust

220/240Vac 50/60Hz electronic ballast

T081600	Recessing box
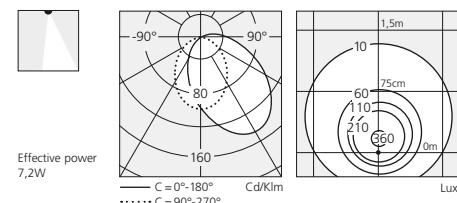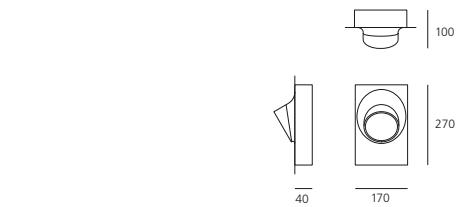
Effective power
7,2W

C = 0°-180°
C = 90°-270°

Recessed hole
230 x 330 x 50 mm

Recessing box
201 x 300 x 48,5 mm

Lighting unit

Aesthetic cover

Ciclope wall

⬤ light grey
🔴 rust

Wall support included

IP65 ▢ ⧖ ⫸₀₃

T081200	LED	6W	⬤	light grey
T081210	LED	6W	🔴	rust

220/240Vac 50/60Hz electronic ballast
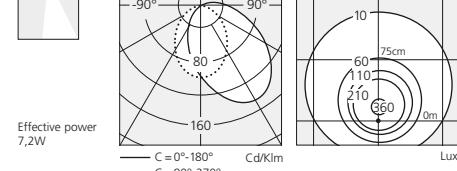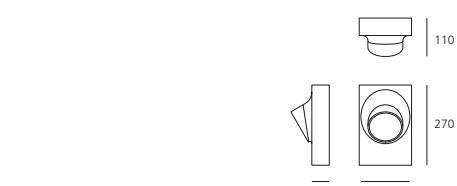
Effective power
7,2W

C = 0°-180°
C = 90°-270°

Nuda

design

Ernesto Gismondi
2010

- Series of light fixtures with direct unilateral or bilateral emission, with high-performance LED light sources.
- Floor and recessed installation.
- Available in two finishes:
  light grey painted and rust painted.

Nuda floor

- Available in unilateral and bilateral emission version and in two heights (h 50cm and h 100cm).
- Composed by lamp, support pole and ground mounting plate.
- Lamp unit in die-cast EN-AB 47100 aluminium.
- UV resistant diffuser in shock resistant polycarbonate with satiny finish.
- Specular reflector in aluminium.
  It conveys and diffuses the luminous flow downwards ensuring visual comfort.
- Support pole in extruded EN-AW-6060 aluminium, chromate treated and painted.
- Mounting plate in folded, welded and painted steel, with holes for ground fixing by means of log bolts or dowels.
- Painting is obtained by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gasket.
- Provided with IP67 cable and connector for the mains connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Nuda incasso

- Composed by lamp and recessing box for recessed wall installation.
- Lamp unit in painted die-cast EN-AB 44100 aluminium, complete with holding plate for electrical components.
- Specular reflector in aluminium.
  It conveys and diffuses the luminous flow downwards ensuring visual comfort.
- UV resistant diffuser in shock resistant polycarbonate with satiny finish.
- Aesthetic cover in painted aluminium.
- Painting is obtained by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gasket.
- Provided with IP67 cable and connector suitable for H07RN-F cables with a diameter from 5 to 13.5 mm for the mains connection.
- Recessing box in reinforced polymer, can be ordered separately.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Nuda

Nuda floor 50 unilateral

LED 8,5W			Lighting application		
h	L	a	Em	Emax	Emin
0.5 m	0.5 m	1.8 m	195 lux	576 lux	1.5 lux
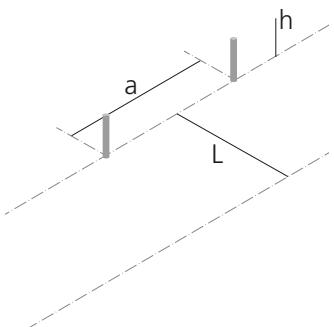
Nuda floor 100 unilateral

LED 17W			Lighting application		
h	L	a	Em	Emax	Emin
1.0 m	1.0 m	2.5 m	48 lux	141 lux	1.5 lux

Nuda floor 50 bilateral

LED 8,5W			Lighting application		
h	L	a	Em	Emax	Emin
0.5 m	0.5 m	1.8 m	87 lux	501 lux	1.5 lux
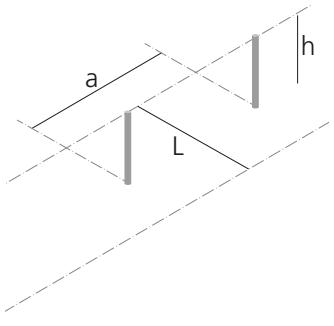
Nuda floor 100 bilateral

LED 8,5W			Lighting application		
h	L	a	Em	Emax	Emin
1.0 m	1.0 m	2.5 m	21 lux	125 lux	1.5 lux

Nuda recessed

LED 8,5W			Lighting application		
h	L	a	Em	Emax	Emin
0.5 m	1.0 m	2.8 m	48 lux	570 lux	1.5 lux
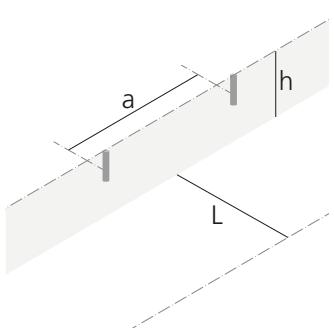
Nuda floor 50

Nuda floor 50 unilateral

● light grey
● rust

IP65 □ ▽ ◀◀ 03
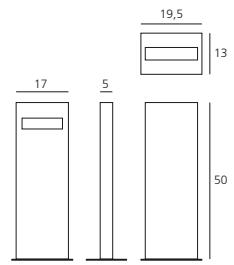
T083600	6 LED	7W	4000K	● light grey
T083610	6 LED	7W	4000K	● rust

220/240Vac 50/60Hz electronic ballast

Effective power 8,5W

19,5 / 13 / 17 / 5 / 50

Nuda floor 50 bilateral

● light grey
● rust

IP65 □ ▽ ◀◀ 03
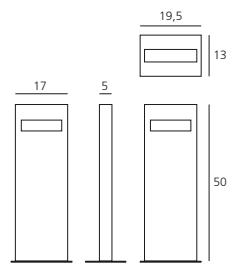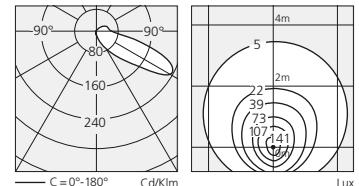
T083700	6 LED	7W	4000K	● light grey
T083710	6 LED	7W	4000K	● rust

220/240Vac 50/60Hz electronic ballast

Effective power 8,5W

19,5 / 13 / 17 / 5 / 50
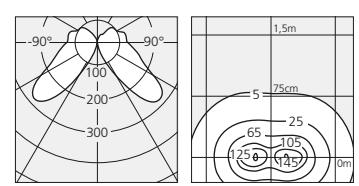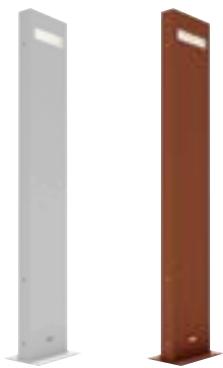
Nuda floor 100

Nuda floor 100 unilateral

⬤ light grey
🔴 rust

IP65

T083800	6 LED	15W	4000K	⬤	light grey
T083810	6 LED	15W	4000K	🔴	rust

220/240Vac 50/60Hz electronic ballast

Effective power
17W
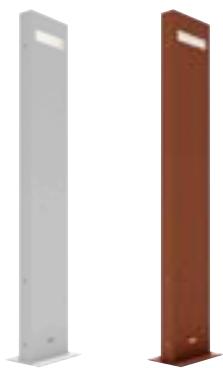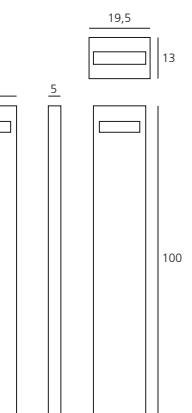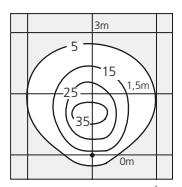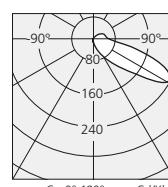
Nuda floor 100 unilateral

⬤ light grey
🔴 rust

IP65

T083900	6 LED	15W	4000K	⬤	light grey
T083910	6 LED	15W	4000K	🔴	rust

220/240Vac 50/60Hz electronic ballast

Effective power
17W
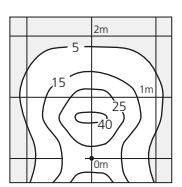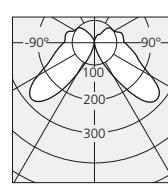
Nuda recessed
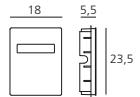
Nuda recessed

○ light grey
● rust

Recessing box
supplied separately

IP65 ▢ ▽ ⟪ 03

T083500	6 LED	7W	4000K	○ light grey
T083510	6 LED	7W	4000K	● rust

220/240Vac 50/60Hz electronic ballast

Effective power
8,5W

18   5,5
23,5

–90°   90°
80
160
240

C = 0°–180°   Cd/Klm
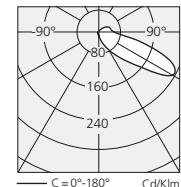
T083400	Recessing box

Recessed hole
200 x 260 x 60 mm

Recessing box
190 x 250 x 55 mm

Lighting unit

Aesthetic cover

Ippolito

design

Alessandro Pedretti
(Studio Rota & Partners)
2011

- Light fixture with direct emission,
  with high-performance monochromatic
  LED light sources.
- Floor installation.
- Available in two heights (h 45cm and h 90cm).
- Composed by support with lamp compartment,
  lamp and accessory compartment.
- Painted cylindrical lamp support in vibrated concrete,
  with galvanized reinforcing ring for fixing
  to the base.
- Lamp unit in die-cast EN-AB 47100 aluminium,
  painted with 3-stage outdoor treatment:
  nanotechnologies, antioxidant primer,
  polyester paint.
- UV resistant diffuser in transparent shock resistant
  polycarbonate.
- Accessory compartment in polymers
  with closure cover in AISI 316.
- Hot galvanized steel mounting plate, with holes
  for ground fixing by means of log bolts or dowels.
- AISI 316 stainless steel screws and silicone
  seal gasket.
- Provided with IP67 cable and connector
  for the mains connection.
- Technical features of light fixtures in compliance
  with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Ippolito

Ippolito 45

🌓 anthracite grey/
light grey

IP65 ☐ ▽ ⫷03

T085100	4 LED	9,5W	4000K
220/240Vac 50/60Hz electronic ballast			

ø 200

450
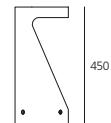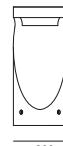
Effective power
11W

Ippolito 90

🌓 anthracite grey/
light grey

IP65 ☐ ▽ ⫷03

T085000	4 LED	9,5W	4000K
220/240Vac 50/60Hz electronic ballast			
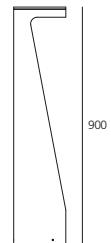
ø 200

900

Effective power
11W

Eraclea

design
Neil Poulton
2011

- Light fixture with direct emission,
  with high-performance monochromatic
  LED light sources.
- Floor installation.
- Light grey finish.
- Composed by support with lamp compartment,
  lamp and accessory compartment.
- Lamp unit in die-cast EN-AB 47100 aluminium,
  painted with 3-stage outdoor treatment:
  nanotechnologies, antioxidant primer,
  polyester paint.
- UV resistant diffuser in transparent shock resistant
  polycarbonate.
- Painted trapezoidal lamp support in vibrated
  concrete, with galvanized reinforcing ring
  for fixing to the base.
- Accessory compartment in polymers
  with closure cover in AISI 316.
- Hot galvanized steel mounting plate, with holes
  for ground fixing by means of log bolts or dowels.
- AISI 316 stainless steel screws and silicone
  seal gasket.
- Provided with IP67 cable and connector
  for the mains connection.
- Technical features of light fixtures in compliance
  with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Eraclea

13

80
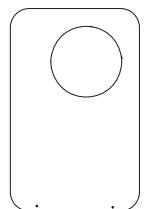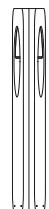
51

Eraclea

● light grey

IP65 □ ⏚ ⧫03

T085300	6 LED	6,3W	4000K
220/240Vac 50/60Hz electronic ballast			

Total power
7,2W

-90° 90°

300

600

C = 0°-180°   Cd/Klm
C = 90°-270°

1,75m

7

29   0,87m

73

117

139 183

0

Lux

231
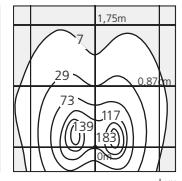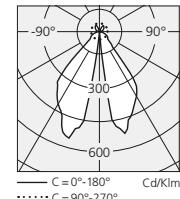
Granito

design
Ernesto Gismondi
2010

- Light fixture with metal halide sources.
- The four light beams projected through the fissures on the sides make it particularly suitable for lighting drives or creating light effects in parks and gardens.
- Available in two heights (h 30cm and h 60cm).
- Lamp unit in Cor-ten (weathering steel).
- Transparent sodium-calcium bulb protection glass.
- Ground mounting plate in steel with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gaskets.
- Electronic ballast.
- Suitable for watertight connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Granito

Granito 30

● rust Cor-ten

IP65 ⏚ Ⓕ ◀◀◀₀₃

T083000	METAL HALIDE 1x35W (G12) – HIT
220/240Vac 50/60Hz electronic ballast	

300

300

Granito 60

● rust Cor-ten

IP65 ⏚ Ⓕ ◀◀◀₀₃

T083100	METAL HALIDE 1x35W (G12) – HIT
220/240Vac 50/60Hz electronic ballast	

600

300

⚠

The colour of Cor-ten steel may change in time depending on weather conditions. Before stabilization, Cor-ten steel may release rust powder that may stain the surface where it is placed.

Artemide recommends not to position it on sensitive surfaces, such as clear stones, marbles, etc.

Illo
Catilina
Aglaia

design

Sergio Mazza

- Series of light fixtures with diffuse emission, with halogen or fluorescent sources.
- Floor, wall and ceiling installation.

Illo

- Ceiling installation.
- Lamp unit in die-cast EN-AB 46100 aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Reflector in bright anodized aluminium.
- Diffuser in opal blown glass.
- Stainless steel screws and silicone seal gaskets.
- Suitable for watertight connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP44.
- ENEC approved.
- Insulation class I.

Catilina

- Wall or floor installation.
- Lamp unit in die-cast EN-AB 46100 aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Reflector in bright anodized aluminium.
- Diffuser in opal blown glass.
- Stainless steel screws and silicone seal gaskets.
- Suitable for watertight connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP44.
- ENEC approved.
- Insulation class I.

Aglaia

- Floor installation.
- Lamp unit in die-cast EN-AB 46100 aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Reflector in bright anodized aluminium.
- Diffuser in opal blown glass.
- Pole in painted aluminium.
- Stainless steel screws and silicone seal gaskets.
- Suitable for watertight connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP44.
- ENEC approved.
- Insulation class I.

Illo, Catilina
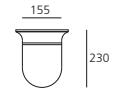
Illo

● dark grey

Ceiling installation
Diffuser
in opal blown glass

IP44

155
230

T053110	HALO max 1x70W (E27) - ECO
220/240Vac 50/60Hz main voltage	

60
-90° 90°
30
60
— C = 0°-180°   Cd/Klm
······ C = 90°-270°
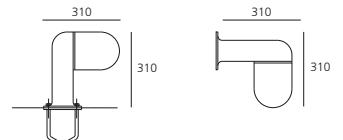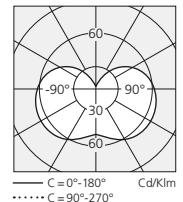
Catilina

● dark grey

Floor/wall installation
Diffuser
in opal blown glass

IP44

310
310
310
310

T053010	HALO max 1x70W (E27) - ECO
	or FLUO 1x20W (E27) - TC-TSE
220/240Vac 50/60Hz main voltage	

60
-90° 90°
30
60
— C = 0°-180°   Cd/Klm
······ C = 90°-270°
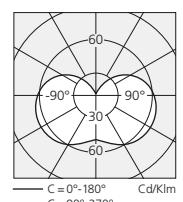
Aglaia

Aglaia

● dark grey

Floor installation
Diffuser
in opal blown glass
Pole and mounting plate
to be ordered separately

IP44 ⏚ Ⓕ

T052010	HALO max 1x70W (E27) - ECO
	or FLUO 1x20W (E27) - TC-TSE
220/240Vac 50/60Hz	main voltage
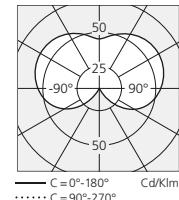
T053710	Pole H 50 cm
T053810	Pole H 100 cm
T053900	Floor mounting plate

— C = 0°-180°   Cd/Klm
····· C = 90°-270°
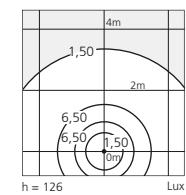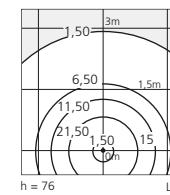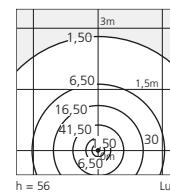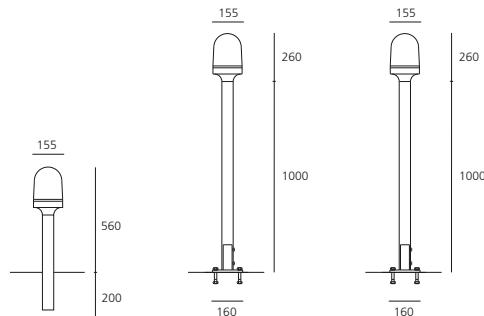
Aglaia

HALO 70W			Lighting application		
h	L	a	Em	Emax	Emin
0.56 m	0.6 m	2.7 m	28 lux	40 lux	1.5 lux
0.76 m	0.8 m	3.4 m	16 lux	23 lux	1.5 lux
1.26 m	1.2 m	3.4 m	9 lux	13 lux	1.5 lux
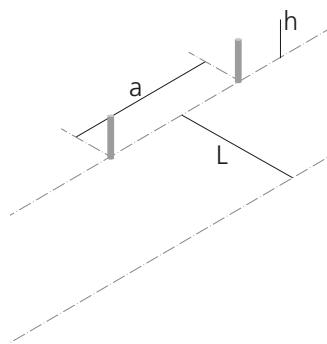
Teseo

design
Ernesto Gismondi
1984

- Light fixture with diffuse emission,
  with fluorescent sources.
- Floor or wall installation.

Teseo wall

- Lamp support in extruded EN-AW-6060 aluminium
  with natural anodizing treatment.
- Lamp unit in black thermoplastic material.
- Shock resistant ultrasonic welded diffuser
  in UV-stabilized opal thermoplastic material.
- Stainless steel screws and silicone ethylene
  propylene seal gaskets.
- Technical features of light fixtures in compliance
  with EN60598-1.
- IP Rating IP43.
- Insulation class I.

Teseo floor

- Available in two heights (h 44 and h 89cm).
- Lamp support in extruded EN-AW-6060 aluminium
  with natural anodizing treatment.
- Lamp unit in black thermoplastic material.
- Shock resistant ultrasonic welded diffuser
  in UV-stabilized opal thermoplastic material.
- Fixing: pole with ground mounting plate
  or underground pole.
- Stainless steel screws and silicone ethylene
  propylene seal gaskets.
- Technical features of light fixtures in compliance
  with EN60598-1.
- IP Rating IP44.
- Insulation class I.

Teseo

375

245   100

Teseo wall

◗ silver grey/black

Mounting plate
to be ordered separately

IP43

T056100	FLUO 1x11W (G23) - TC-S
220/240Vac 50/60Hz main voltage	

50
-90°   90°
100

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°

185
500
685

245
435
250

100   70   100   70
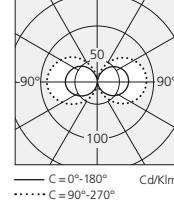
Teseo floor 50

◗ silver grey/black

Underground pole included

IP44

T056000	FLUO 1x11W (G23) - TC-S	H=68cm
220/240Vac 50/60Hz main voltage		
T051010	Ground mounting plate	

50
-90°   90°
100

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°

2,30m
5
13
21
53
61
69
29
1,15m
Lux

185
1000
1185

245
885
300

100   70   100   70
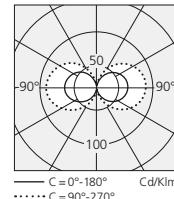
Teseo floor 110

◗ silver grey/black

Underground pole included

IP44

T051000	FLUO 1x11W (G23) - TC-S	H=118cm
220/240Vac 50/60Hz main voltage		
T051010	Ground mounting plate	

50
-90°   90°
100

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°

2,30m
5
8
11
14
17
20
8
1,15m
Lux
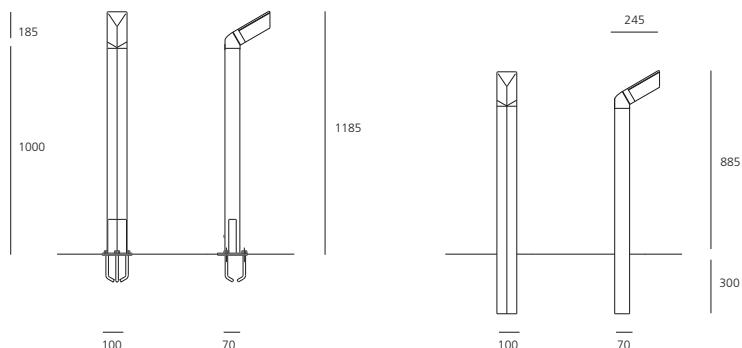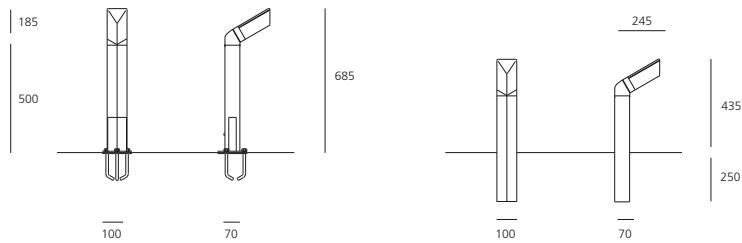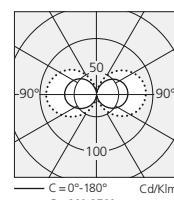
Alcesti

design

Ernesto Gismondi
1992

- Series of light fixtures with diffuse emission, with fluorescent sources.
- Floor and wall installation.
- Available in two finishes:
  black painted and silver grey painted.

Alcesti wall

- Lamp unit and wall support in die-cast EN-AB 46100 aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Reflector in bright anodized aluminium.
- Moulded diffuser in internally sanded sodium-calcium glass, with transparent profile.
- The fixture can be provided with directional screen in bright anodized aluminium.
- Stainless steel screws and silicone seal gaskets.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP55.
- ENEC approved.
- Insulation class I.

Alcesti floor

- Lamp unit and wall support in die-cast EN-AB 46100 aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Pole in galvanized and powder-painted steel, available in two heights (h=130 and h=230cm).
- Fixing with ground mounting plate or underground pole.
- Reflector in bright anodized aluminium.
- Moulded diffuser in internally sanded sodium-calcium glass, with transparent profile.
- The fixture can be provided with directional screen in bright anodized aluminium.
- Stainless steel screws and silicone seal gaskets.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP55.
- ENEC approved.
- Insulation class I.
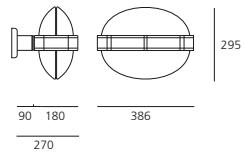
Alcesti

## Alcesti Wall

● black
● silver grey

Diffuser in sanded glass
Wall support to be ordered separately

IP55

T052400	FLUO 2x26W (G24d-3) - TC-D		●	black
T052490	FLUO 2x26W (G24d-3) - TC-D		●	silver grey
220/240Vac 50/60Hz main voltage				
T087200	Directional screen			
T053300	Wall support		●	black
T053390	Wall support		●	silver grey
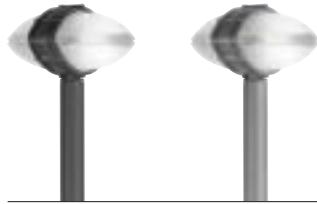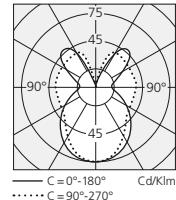
Alcesti floor

● black
● silver grey

Diffuser in sanded glass
Pole and ground mounting plate to be ordered separately

IP55

T052400	FLUO 2x26W (G24d-3) - TC-D	H=68cm	●	black
T052490	FLUO 2x26W (G24d-3) - TC-D	H=68cm	●	silver grey
220/240Vac 50/60Hz main voltage				
T087200	Directional screen			
T053500	Flanged pole	H=230 cm	●	black
T053590	Flanged pole	H=230 cm	●	silver grey
T053200	Underground pole	H=230 cm	●	black
T053290	Underground pole	H=230 cm	●	silver grey
T052500	Pole	H=130 cm	●	black
T052590	Pole	H=130 cm	●	silver grey
T053900	Fixing plate to the ground	H=130 cm	●	black
T053990	Fixing plate to the ground	H=130 cm	●	silver grey
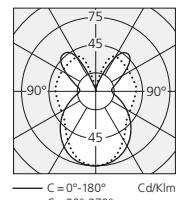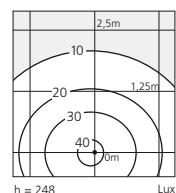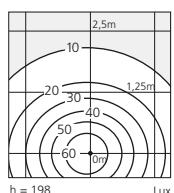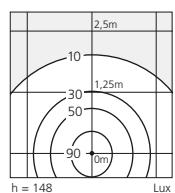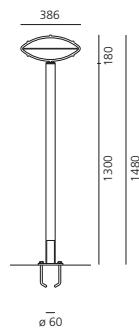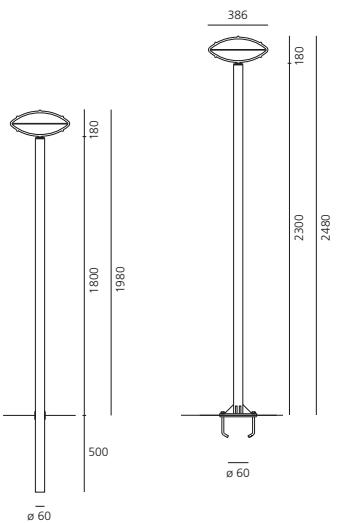
C = 0°-180°   Cd/Klm
C = 90°-270°

h = 148   Lux
h = 198   Lux
h = 248   Lux

243

Giasole

- Series of light fixtures with diffuse emission, with halogen or fluorescent sources.
- Floor and wall/ceiling installation.

Giasole wall/ceiling

- Horizontal or vertical installation.
- Available in three finishes: white painted, silver grey painted and black painted.
- Lamp unit and wall support in die-cast EN-AB 46100 aluminium with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Moulded diffuser in internally sanded sodium-calcium glass.
- Stainless steel screws and silicone seal gaskets.
- Suitable for watertight connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP54.
- ENEC approved.
- Insulation class I.

Giasole floor

· Unilateral version with one head
  and bilateral version with two heads.

· Available in two finishes: silver grey painted
  and black painted.

· Lamp unit and wall support in die-cast EN-AB 46100
  aluminium with 3-stage outdoor treatment:
  nanotechnologies, antioxidant primer,
  polyester paint.

· Moulded diffuser in internally sanded
  sodium-calcium glass.

· Pole in painted extruded aluminium.

· Fixing with ground mounting plate
  or underground pole.

· Support plate in galvanized and painted steel.

· Stainless steel screws and silicone seal gaskets.

· Suitable for watertight connection.

· Technical features of light fixtures in compliance
  with EN60598-1.

· IP Rating IP54.

· ENEC approved.

· Insulation class I.
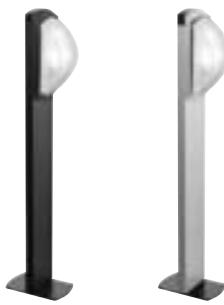
Giasole floor unilateral

● black
○ silver grey

Diffuser in sanded glass
Flanged pole
to be ordered separately

IP54 ⏚ Ⓕ ≪03
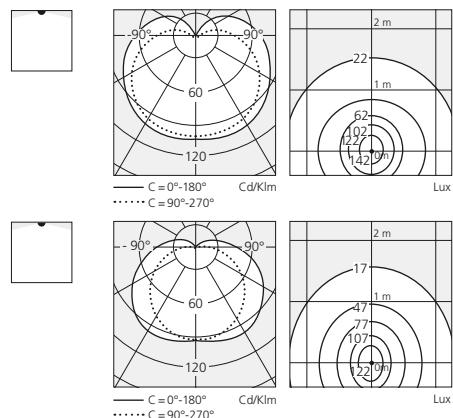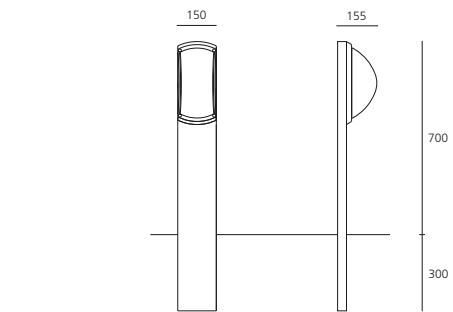
T051330	HALO max 1x70W (E27) - ECO	● black
T051390	HALO max 1x70W (E27) - ECO	○ silver grey
220/240Vac 50/60Hz main voltage		
T051430	FLUO 1x18W (G24d-2) - TC-D	● black
T051490	FLUO 1x18W (G24d-2) - TC-D	○ silver grey
220/240Vac 50/60Hz main voltage		
T053400	Flanged pole	● black
T053490	Flanged pole	○ silver grey

Giasole floor bilateral

● black
○ silver grey

Diffuser in sanded glass

For the two-head configuration, please order two heads and one pole

IP54 ⏚ Ⓕ ≪03

T051330	HALO max 1x70W (E27) - ECO (one head)	● black
T051390	HALO max 1x70W (E27) - ECO (one head)	○ silver grey
220/240Vac 50/60Hz main voltage		
T051430	FLUO 1x18W (G24d-2) - TC-D (one head)	● black
T051490	FLUO 1x18W (G24d-2) - TC-D (one head)	○ silver grey
220/240Vac 50/60Hz main voltage		
T053400	Flanged pole	● black
T053490	Flanged pole	○ silver grey
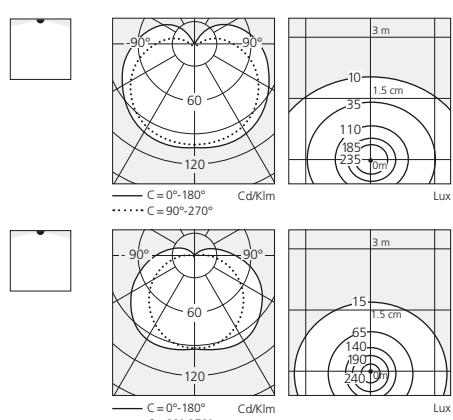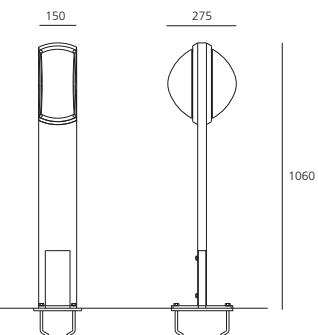
Giasole wall/ceiling

			120
			150
		330	
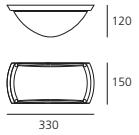
Giasole wall/ceiling

○ white
● black
● silver grey

Diffuser in sanded glass
Wall support included

IP54 ⊕ ▽ ⟪⟫₀₃

T051300	HALO max 1x70W (E27) - ECO	○ white
T051330	HALO max 1x70W (E27) - ECO	● black
T051390	HALO max 1x70W (E27) - ECO	● silver grey

220/240Vac 50/60Hz main voltage
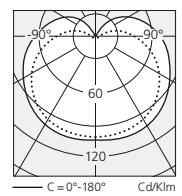
T051400	FLUO 1x18W (G24d-2) - TC-D	○ white
T051430	FLUO 1x18W (G24d-2) - TC-D	● black
T051490	FLUO 1x18W (G24d-2) - TC-D	● silver grey

220/240Vac 50/60Hz main voltage

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°
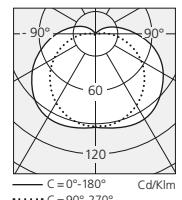
Tolomeo XXL

design

Michele De Lucchi
Giancarlo Fassina
2009

- Light fixture with direct emission,
  with fluorescent or metal halide sources.
- Available with base or fixed support (pivot)
  made up of mass-coloured concrete.
- Diffuser in mass-pigmented polypropylene,
  screen in light-diffusing silkscreened methacrylate,
  reflector in painted aluminium.
- Mobile-arm structure in extruded EN-AW-6060
  aluminium with bright anodizing treatment.
- Polished-painted articulations in die-cast
  EN-AB 46100 aluminium.
- Adjustment system in AISI 316 stainless steel.
- Silicone seal gaskets.
- Suitable for watertight connection.
- Electronic ballast.
- Technical features of light fixtures in compliance
  with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class I.

Tolomeo XXL
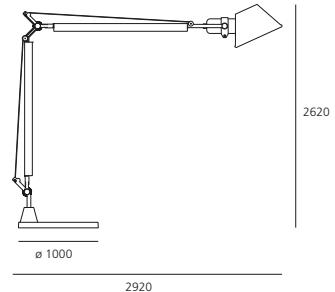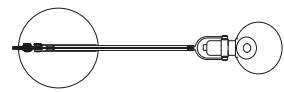
**Tolomeo XXL
with base**

silver grey

IP55

1532010A	FLUO 2x57W (E27) - TC-TEL
1534010A	METAL HALIDE 1x100W (E27) - HCI

220/240 Vac 50/60 Hz electronic ballast

2620

ø 1000

2920

-90° 90°
120
240
-30° 30°

—— C = 0°-180°   Cd/Klm
····· C = 90°-270°

5m
10
50   2.5m
90
170
250
330 370
(lx)
Lux
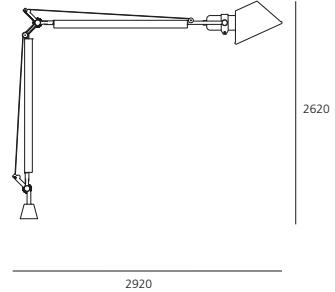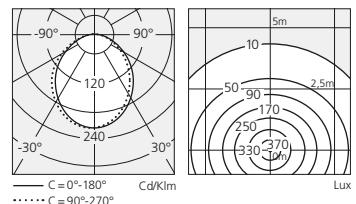
**Tolomeo XXL
with fixed support**

silver grey

IP55

1535010A	FLUO 2x57W (E27) - TC-TEL
1536010A	METAL HALIDE 1x100W (E27) - HCI
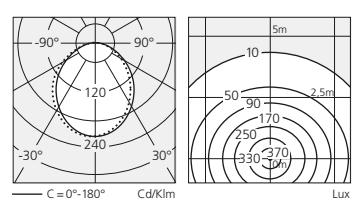
220/240 Vac 50/60 Hz electronic ballast

2620

2920

-90° 90°
120
240
-30° 30°

—— C = 0°-180°   Cd/Klm
····· C = 90°-270°

5m
10
50   2.5m
90
170
250
330 370
(lx)
Lux

Hila

design

Carlo Colombo
2011

- Series of light fixtures with direct emission, with high-performance LED light sources.
- Floor, pole and wall installation.
- Light grey finish.

Hila wall

- Composed by lamp and wall support.
- Lamp unit in die-cast EN-AB 47100 aluminium.
- UV resistant diffuser in shock resistant polycarbonate with satiny finish, provided with high-efficiency light-diffusing lenses.
- Wall support in painted steel.
- Painting is obtained by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gasket.
- Provided with IP67 cable and connector for the mains connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Hila floor

- Composed by lamp, support pole and ground mounting plate.
- Lamp unit in die-cast EN-AB 47100 aluminium.
- UV resistant diffuser in shock resistant polycarbonate with satiny finish, provided with high-efficiency light-diffusing lenses.
- Support pole h=90cm in extruded EN-AW-6060 aluminium, chromate treated and painted.
- Mounting plate in painted steel, with holes for ground fixing by means of log bolts or dowels.
- Painting is obtained by means of 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- AISI 316 stainless steel screws and silicone seal gasket.
- Provided with IP67 cable and connector for the mains connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Hila pole

· Composed by lamp and ground support pole.

· Lamp unit in die-cast EN-AB 47100 aluminium.

· UV resistant diffuser in shock resistant polycarbonate
  with satiny finish, provided with high-efficiency
  light-diffusing lenses.

· Support pole h=350cm above-ground + 50cm
  underground in extruded EN-AW-6060 aluminium,
  chromate treated and painted.

· Painting is obtained by means of 3-stage outdoor
  treatment: nanotechnologies, antioxidant primer,
  polyester paint.

· AISI 316 stainless steel screws
  and silicone seal gasket.

· Provided with IP67 cable and connector
  for the mains connection.

· Technical features of light fixtures in compliance
  with EN60598-1.

· IP Rating IP65.

· ENEC approved.

· Insulation class II.

Hila pole

370
160

3500

300
30
500
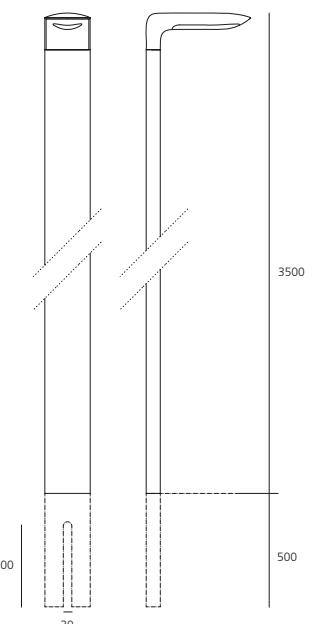
Hila pole

● light grey

Underground pole included

IP65

T085900	10 LED	22W	4000K

220/240Vac 50/60Hz electronic ballast

Effective power
24W

-90° 90°
300
500

— C = 0°-180°   Cd/Klm
······ C = 90°-270°

6,5m
2
3.25 cm
6
10
12
14
Lux
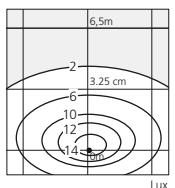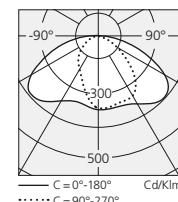
Hila floor/pole

HALO 13W			Lighting application		
h	L	a	Em	Emax	Emin
0.9 m	1.0 m	3.2 m	50 lux	180 lux	2 lux
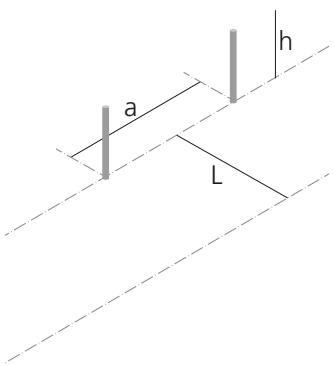
HALO 24W			Lighting application		
h	L	a	Em	Emax	Emin
3.5 m	3.5 m	13 m	8 lux	20 lux	2 lux

h
a
L

Hila

Hila floor

⬤ light grey

Ground mounting plate included

IP65 ▢ 🔺 ⟪⟫₀₃

T085700	10 LED	9,6W	4000K
220/240Vac 50/60Hz electronic ballast			

Effective power 13W

—— C = 0°-180°
······ C = 90°-270°

Cd/Klm
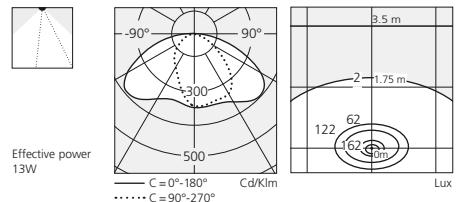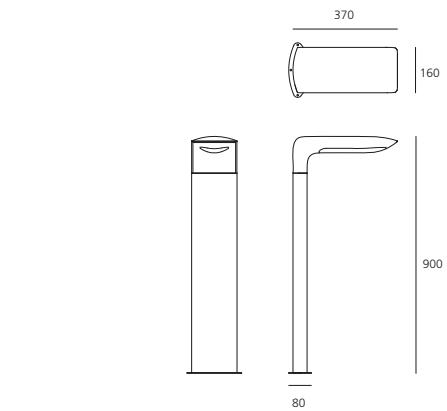
Hila wall

⬤ light grey

Wall support included

IP65 ▢ 🔺 ⟪⟫₀₃

T085800	10 LED	22W	4000K
220/240Vac 50/60Hz electronic ballast			

Effective power 24W

—— C = 0°-180°
······ C = 90°-270°

Cd/Klm
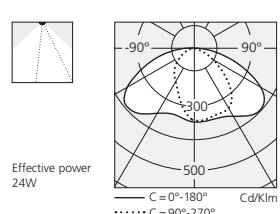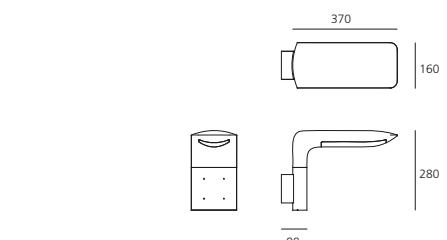
Indicta

design

Ernesto Gismondi

2010

- Light fixture with direct emission, with high-performance LED light sources.
- ø60mm pole installation with ø35x120mm shank (not supplied).
- Anthracite grey finish.
- Composed by optical housing and support for pole installation.
- Optical housing in extruded EN-AW-6060 aluminium, chromate treated and painted with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- UV resistant diffuser in shock resistant polycarbonate.
- High-efficiency asymmetrical optics in metalized polycarbonate.
- Optical housing support in high-resistance mass-coloured reinforced polymers.
- AISI 316 stainless steel screws and silicone seal gaskets.
- Provided with IP67 cable and connector for the mains connection.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class II.

Indicta

LED 25,6W			Lighting application		
h	L	a	Em	Emax	Emin
3.5 m	4.0 m	13 m	14 lux	40 lux	1.5 lux
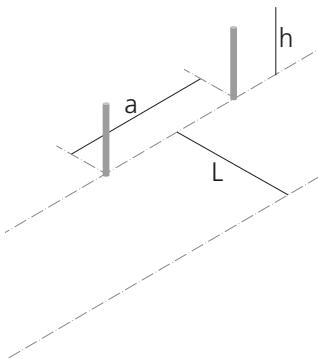
Indicta
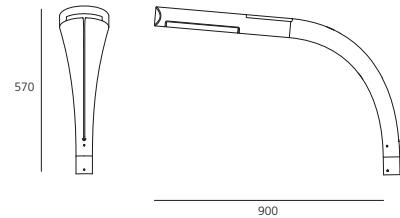
Indicta

● anthracite grey

Head-pole

IP65 □ ▽F ⧉03

T084800	10 LED	22,9W	4000K
220/240Vac 50/60Hz electronic ballast			
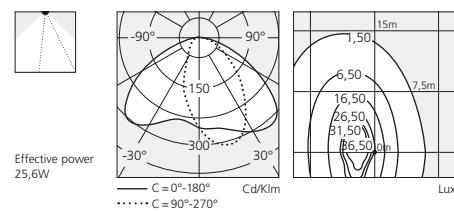
570

900

Effective power
25,6W

— C = 0°-180°   Cd/Klm
····· C = 90°-270°

Lux

900

85°

3000   3570

Ø 60

Provoca

- Light fixture with direct emission,
  with high-performance LED light sources.
- Pole or wall installation.
- Light grey painted finish.

Provoca wall

- Composed by lighting unit and wall support.
- Lighting unit in painted die-cast EN-AB 47100
  aluminium.
- High-performance asymmetrical optics
  in metalized polycarbonate.
- Screens in shock resistant, high transparent
  tempered glass.
- Wall support in painted steel.
- Painting is obtained with 3-stage outdoor treatment:
  nanotechnologies, antioxidant primer,
  polyester paint.
- AISI 316 stainless steel screws and silicone
  seal gaskets.
- Technical features of light fixtures
  in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class I.

Provoca pole

- Head-pole fixture composed by lighting unit
  and pole connection.
- 50x50mm square pole installation
  with 40x120mm square shank (not supplied).
- Lighting unit in painted die-cast EN-AB 47100
  aluminium.
- High-performance asymmetrical optics
  in metalized polycarbonate.
- Screens in shock resistant, high transparent
  tempered glass.
- Head-pole fitting in painted steel.
- Painting is obtained with 3-stage outdoor treatment:
  nanotechnologies, antioxidant primer,
  polyester paint.
- AISI 316 stainless steel screws and silicone
  seal gaskets.
- Technical features of light fixtures
  in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class I.

Provoca

Provoca pole

LED 26,6W			Lighting application		
h	L	a	Em	Emax	Emin
3.1 m	4.0 m	12 m	15 lux	48 lux	1.5 lux

450

3100
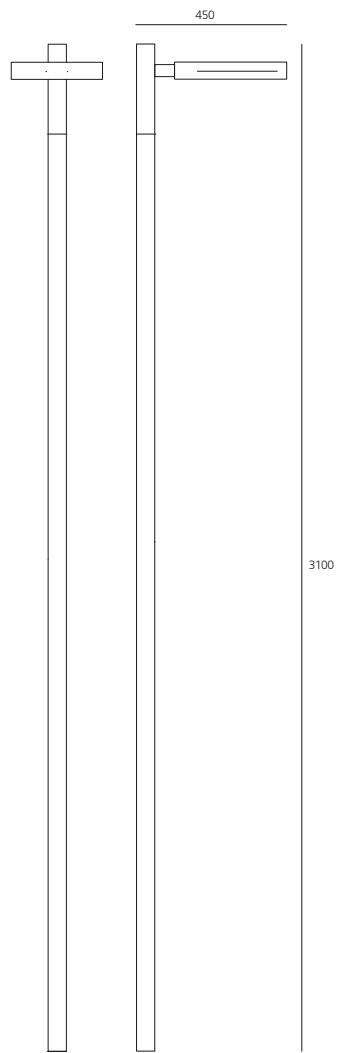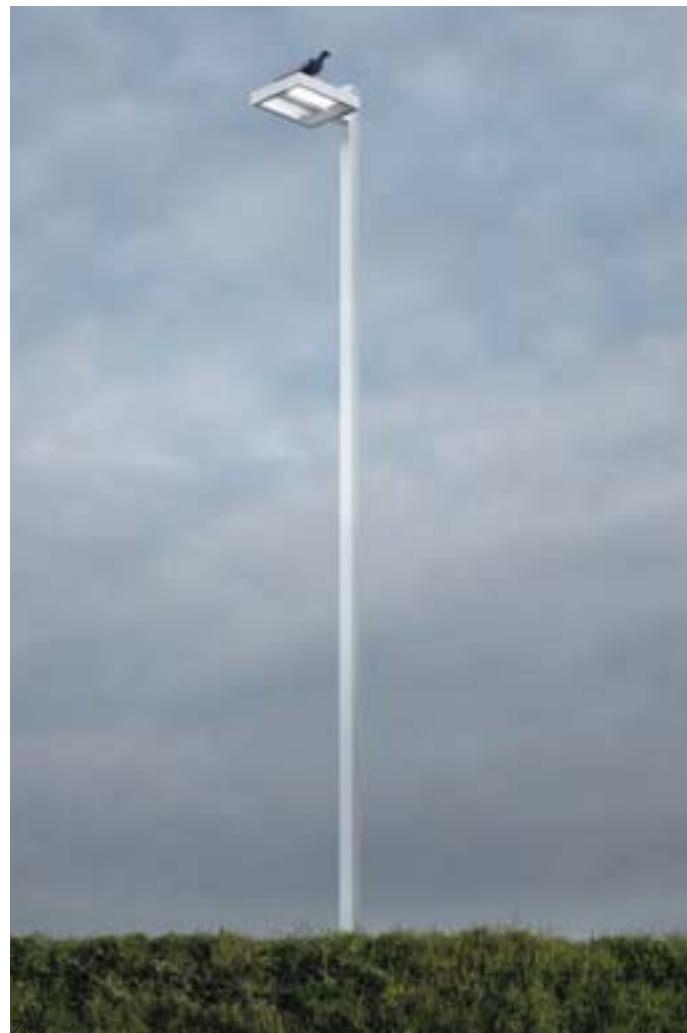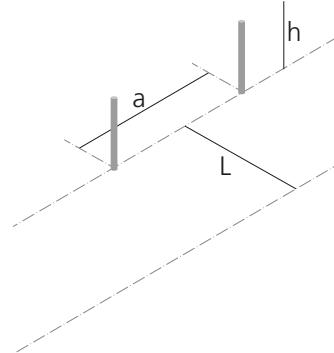
Provoca

Provoca wall

● light grey

Wall support
supplied separately

IP65 ▢ Ⓕ ◀◀₀₃

T085400	10 LED	23,4W	4000K
220/240Vac 50/60Hz electronic ballast			

T085600	Wall support

Effective power
26,6W

C = 0°-180° Cd/Klm
C = 90°-270°
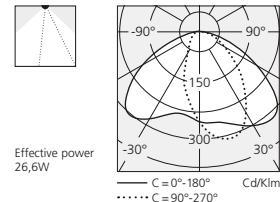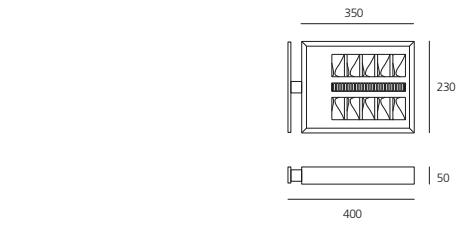
Provoca pole

● light grey

Head-pole
Pole connection
supplied separately

IP65 ▢ Ⓕ ◀◀₀₃

T085400	10 LED	23,4W	4000K
220/240Vac 50/60Hz electronic ballast			

T085500	Pole connection

Effective power
26,6W

C = 0°-180° Cd/Klm
C = 90°-270°

Lux
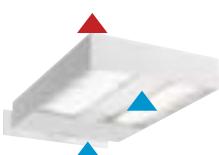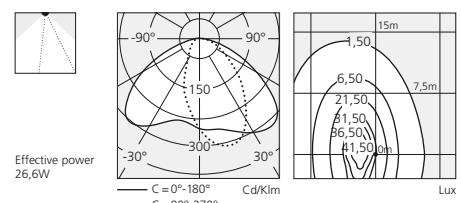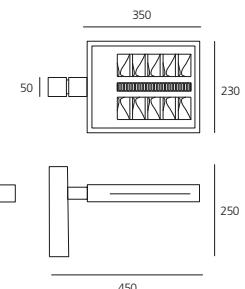
The LED circuits are directly anchored
to the aluminium casing of the body
in order to maximize heat dissipation.
Moreover, some dissipation fins have
been included in the product design
so as to increase the heat exchange
surface with external air.
The grid in the central part of the
product allows natural air circulation,
which cools the dissipation surface.
Due to a natural convective motion,
cold air removes heat from the
dissipation grid, it heats up and goes
upwards, through the lighting
unit, getting new fresh air from the
lower part.
In this way LEDs are maintained
at a lower temperature and their life
time and light efficiency increase.

Solar Tree

design

Ross Lovegrove
2007

Solar Tree is a light fixture combining an innovative design with the technical performances of LED lighting systems using solar energy supplied from photovoltaic system.

This project aims to combine the reduced environmental impact, especially deriving from the low absorption of fossil fuel-based energy, with the need of ensuring constant working and expected light performances. The operation of this light fixture is not influenced by weather randomness and project changes due to winter periods (e.g. number of panels, accumulator dimensioning). These project changes concerning dimensions and weights would imply higher costs, and however the fixture would not ensure continuous working. In fact hybrid versions are being more and more used in leading sectors. In this direction Artemide has developed the Solar Tree project which, with a mixed configuration of accumulators/solar energy and mains power supply, can combine Energy-saving and functionality at the best.

- Structure composed by curved steel poles of different diameters and heights, with a maximum total height of about 5,5m over road level.
- This system is composed by 10 "stems of grass" with 40mm Ø. On their extremity there is 1 LED of about 1 W protected by a diffuser screen in PMMA and 10 poles with 76mm Ø supporting the heads.

  The poles are painted with outdoor epoxy paint in light green colour shading into white.
- The 10 heads, housing the photovoltaic cells in their upper part, are supported by poles with a diameter of 76mm; 20 power LEDs, which can be supplied with power up to 500mA and have a white neutral colour temperature, are housed in the lower part of 4 of them, on an aluminium dissipator, and are provided with a screen in plastic material which ensures protection against water and dusts.
- The base is made of hot-galvanized steel plate to be fixed to the ground. Otherwise it is possible to use a base, always in galvanized steel, with reinforced concrete parts forming a circular bench. In this case the base can rest on the ground without need of further fixing systems.
- The connection/wiring parts, the control and recharge boards and the batteries are contained in several watertight boxes, provided with male and female connectors with IP Rating IP65 or higher, placed at the foot of the base or inside the concrete bench, according to the technical specifications of the Solar Tree version supplied.
- Benches in white painted concrete, with second coat of anti-graffiti paint.

Technical data

- Total number of heads with solar panels: 10
- Number of heads with LEDs: 4

  Installed power for each light head:
  about 23.1 W at 350mA (base current drive),
  max current drive 500mA.

- 20 power LEDs for each head in neutral
  light tonality 4300K.

  Maximum luminous flux for each head:
  minimum 1250 Lm.

  Solar panel voltage in open circuit: about 10 V.

  Peak power for each panel: about 63 W.

- Total number of "stems": 10.

  LED power for each "stem":
  about 1 W with a power supply of 350mA.

- 2 Batteries

  Battery voltage: 12 V

  Single battery capacity: 240 Ah

- Box with USB connection for diagnostics/
  setting/servicing access.

- Technical features of the light fixture in compliance
  with EN60598-1.

- IP Rating IP55.

- Insulation class II.

Solar Tree

4 photovoltaic cells with 20 LEDs each

4 photovoltaic cells + dissipators

10 "stems" 1 LED each

Base with concrete seats
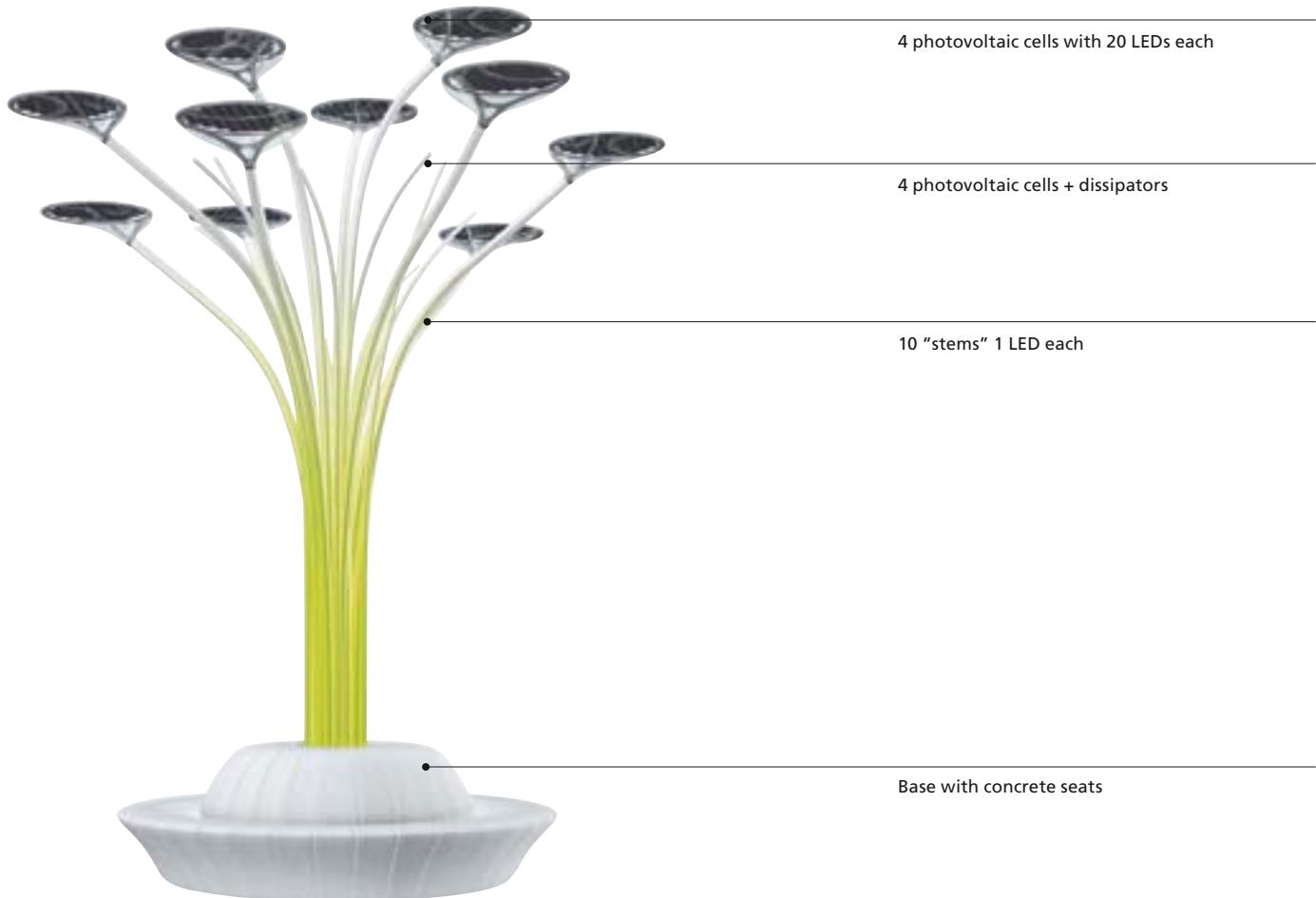
Working

Solar Tree has been designed to work in HYBRID configuration. The batteries can ensure an autonomous working at full charge for a period of 7-10 days (with an "Energy-saving" working cycle which is described below). Moreover, in case of discharged batteries, the fixture is connected to the mains, which supplies it with energy (by means of a suitable DC ballast connected to the mains). In this way it can ensure a continuous working even with persistent bad weather and/or reduced insulation or 100% use of the light performances or, anyway, in case of negative energy balance.

LED light sources light up in the twilight (recognized according to the hours of dawn and sunset which have been set in the management program or according to other modes) and they remain lit up until dawn according to the working duty-cycle set.

In case of "HYBRID" fixtures, the system uses the energy coming from the batteries until they reach the minimum charge limit, then the system is connected to the mains automatically.

In case of light fixtures with this configuration, if the connection to the mains takes place at the same time when the public lighting, which the Solar tree fixtures refer to, lights up, it is possible to set them so as that the moment of the mains connection is recognized as start for the Solar tree working, and vice-versa in case of mains cut-off.

Potsdamerplatz Berlin – DE

Solar Tree

ø 770

5440

700

4410
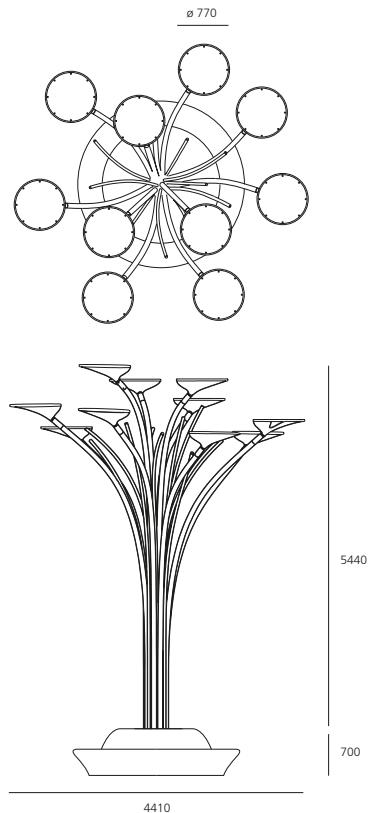
Solar Tree

IP55 ▢ ⍟

	4 LED heads 23W	(92W totali)	4300K
	+10 LED stems 1W	(10W totali)	6000K
T080600	Lighting units, curved poles, "stems" and batteries		
T080400	Pole support structure + 18 benches		

C = 0°-180° Cd/Klm
C = 90°-270°
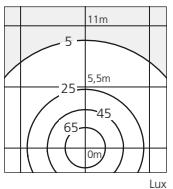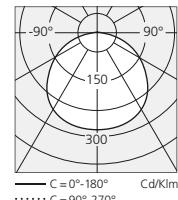
Light intensity of one head.
Flow 1250 lm

Lighting of the whole fixture.

0%   10%   100%   25%
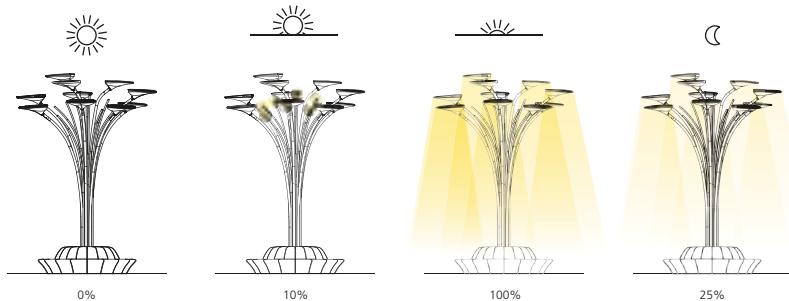
Working programs

Two working modes can be selected according to the needs: Manual and Automatic. Automatic mode can be set with three different configurations according to the performance and level of energy-saving desired for the light fixture. In particular:

Auto Eco
100% working in the hours when the installation areas are expected to be used more often, reduced working of the only LED heads during the hours of full night (the LED light sources are switched on and adjusted at about 25% of their working rating from sunset to dawn in order to ensure a mean floor lighting of 8 lux). This mode is recommended to obtain a continuous working even during autumn/winter and to maintain energy balance.

Auto 100%
Working mode to ensure the complete management of the fixture by considering its performances with respect to a higher input of solar energy (if this condition occurs).

Personalizzato
The user can establish the hours and the working configuration of the fixture according to his needs.

The three above-mentioned configurations can be associated to a particular period and they can alternate one another, if desired.

Manual
Can be enabled by the user in case of particular events and/or needs. The user can access the advanced adjustment menu for a 0-100% slicing of the flow emitted by the single LED heads and by the "stem" units. In this way the sources remain lit up and adjusted according to the configuration set by the user until switching off or return to automatic mode controlled by the user.

273

Felsina

- Series of light fixtures with direct or dual emission, with metal halide or high pressure sodium vapour sources.
- Wall or pole installation.

Felsina wall

- Available with fixed or adjustable projector.
- Lamp unit in painted die-cast EN-AB 46100 aluminium.
- Reflector in bright anodized aluminium.
- Moulded prismatic diffuser in sodium-calcium tempered glass..
- AISI 316 stainless steel screws and silicone seal gaskets.
- Painting is obtained with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- Insulation class I.

Awards:

Compasso D'Oro/ADI
"Segnalazione d'Onore", 1998 – Milano (IT)

Museums:

Museo Nazionale della Scienza e della Tecnica
Milano (IT)
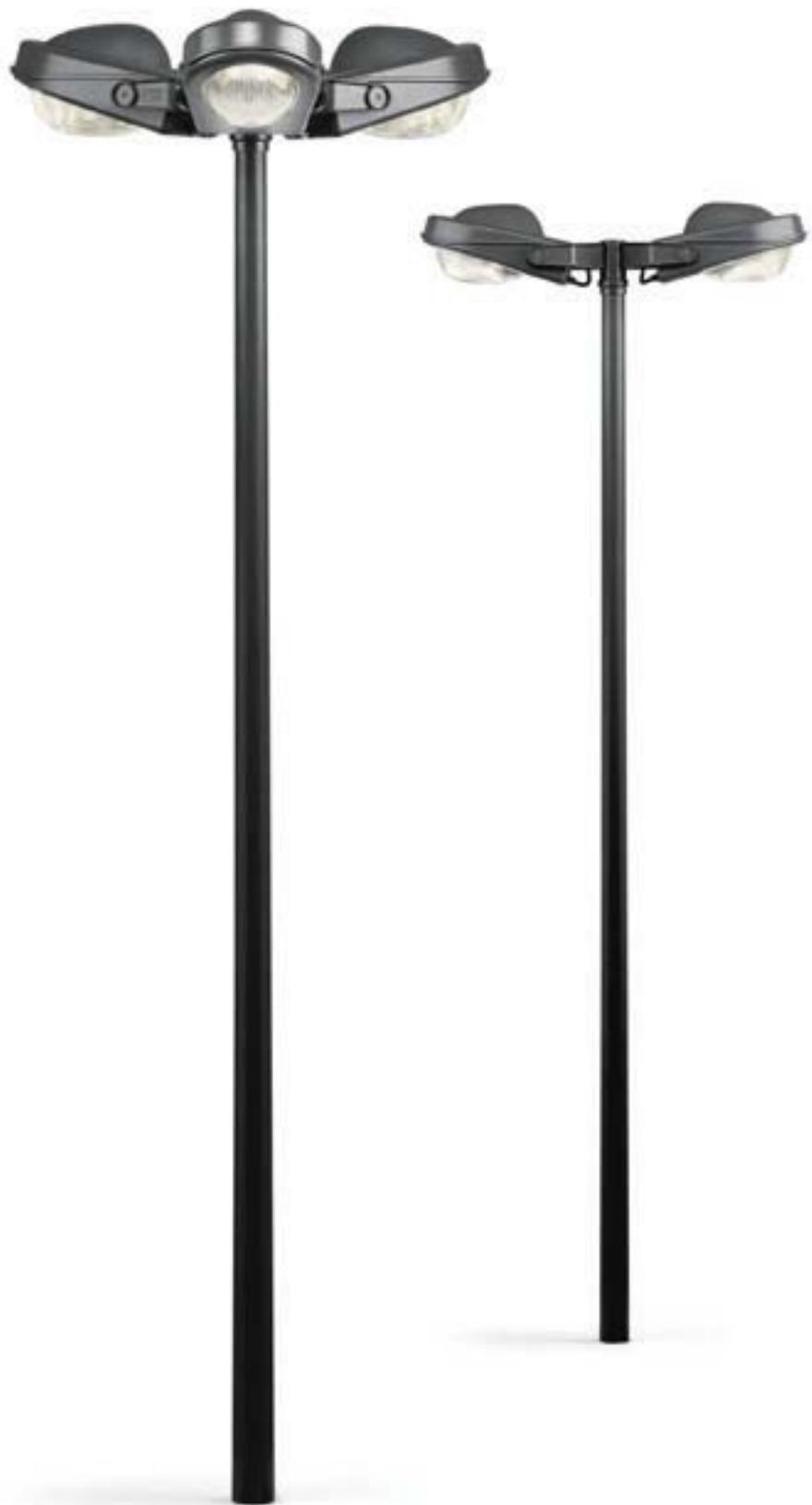
Felsina pole

- Version with axial pole and fixed projector and versions with pole, arms and adjustable projectors with one, two or three heads.
- Lamp unit in painted die-cast EN-AB 46100 aluminium.
- Reflector in bright anodized aluminium.
- Moulded prismatic diffuser in sodium-calcium tempered glass.
- 3/4/5-meter underground pole in hot-galvanized and painted steel.
- AISI 316 stainless steel screws and silicone seal gaskets.
- Painting is obtained with 3-stage outdoor treatment: nanotechnologies, antioxidant primer, polyester paint.
- Technical features of light fixtures in compliance with EN60598-1.
- IP Rating IP65.
- Insulation class I.

HIE 100W	direct emission		Lighting application		
h	L	a	Em	Emax	Emin
3.22 m	3.5 m	11.9 m	39 lux	130 lux	4 lux
4.22 m	4.5 m	15.6 m	22 lux	75 lux	3 lux
5.22 m	5.5 m	19.3 m	14 lux	48 lux	1.5 lux

	260
	270
1020	
1020	

3220
4220
5220

3180
4180
5180

500

500
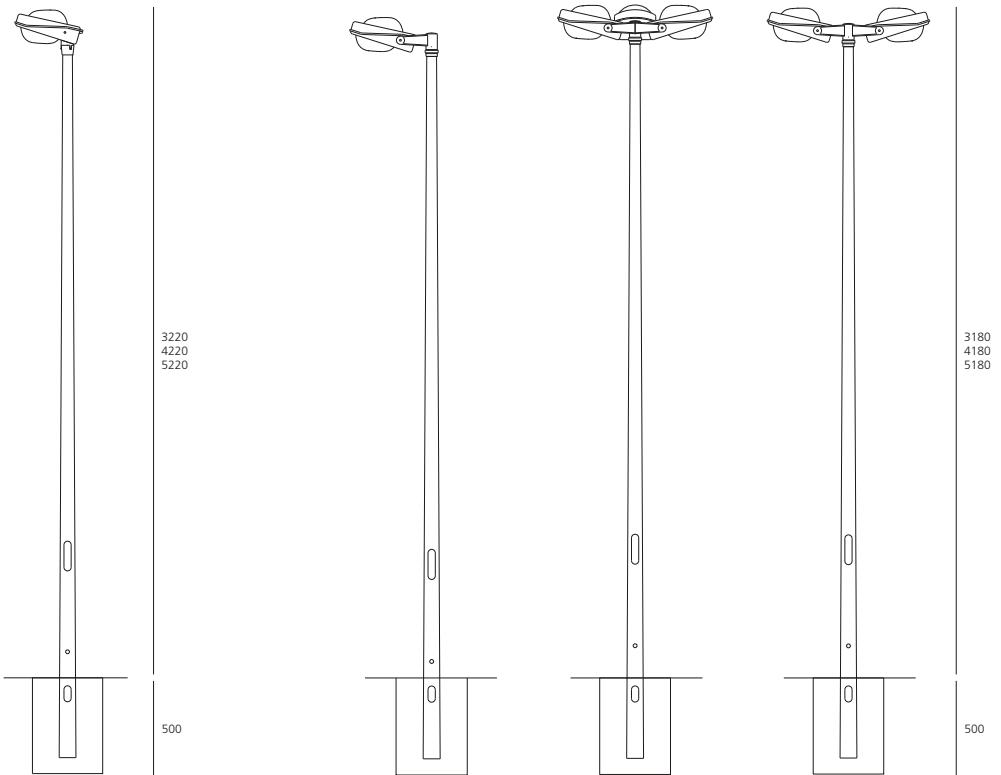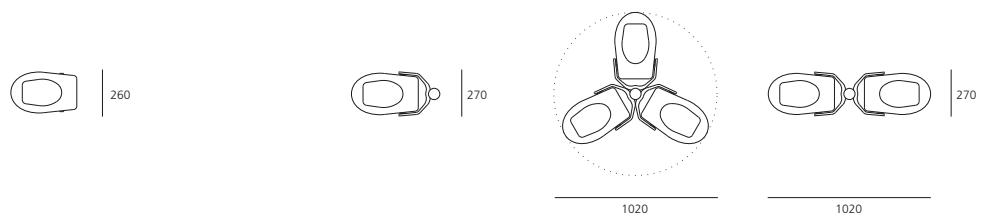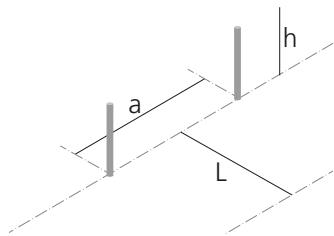
Felsina

Felsina pole

● antigua grey

Fixed projector unit
with direct emission
Pole supplied separately

Adjustable projector unit
with direct emission
Pole and pole connection
supplied separately

IP65 ⏚ ▽F

T003100	METAL HALIDE 1x70W (E27) - HIE	Fixed projector
T002800	METAL HALIDE 1x70W (E27) - HIE	Adjustable projector
220/240Vac 50/60Hz main voltage		

Cd/Klm — α=73°x 37°
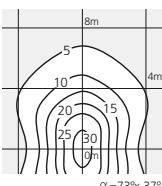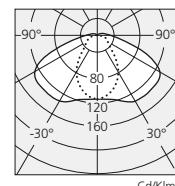
T003200	METAL HALIDE 1x100W (E27) - HIE	Fixed projector
T002900	METAL HALIDE 1x100W (E27) - HIE	Adjustable projector
220/240Vac 50/60Hz main voltage		

Cd/Klm — α=72°x 31°
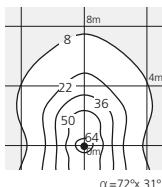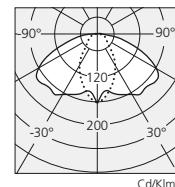
T003300	METAL HALIDE 1x150W (E27) - HIE	Fixed projector
T003000	METAL HALIDE 1x150W (E27) - HIE	Adjustable projector
220/240Vac 50/60Hz main voltage		

Cd/Klm — α=72°x 33°
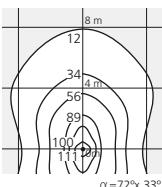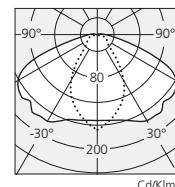
T000800	SODIUM VAPOUR 1x100W (E40) - HSE	Fixed projector
T000500	SODIUM VAPOUR 1x100W (E40) - HSE	Adjustable projector
220/240Vac 50/60Hz main voltage		

Cd/Klm — α=75°x 32°
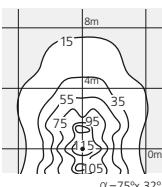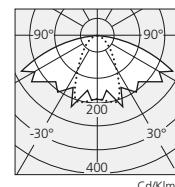
T000900	SODIUM VAPOUR 1x150W (E40) - HSE	Fixed projector
T000600	SODIUM VAPOUR 1x150W (E40) - HSE	Adjustable projector
220/240Vac 50/60Hz main voltage		

Cd/Klm — α=72°x 38°
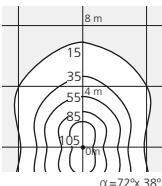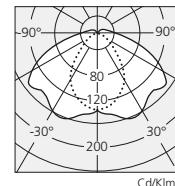
T001700	Underground conic pole with inspection door 3m
T001710	Underground conic pole with inspection door 4m
T001720	Underground conic pole with inspection door 5m

T001500	ø 60mm pole connection for 1 adjustable head
T001510	ø 60mm pole connection for 2 adjustable heads
T001520	ø 60mm pole connection for 3 adjustable heads

210
430
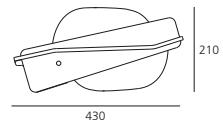
Felsina wall

● antigua grey

Adjustable projector unit
with direct emission

IP65

T002800	METAL HALIDE 1x70W (E27) - HIE				
220/240Vac 50/60Hz	main voltage				

H m	ØC0 m	ØC90 m	E lux
0,5	3,35	0,75	2199
1,0	6,71	1,49	550
1,5	10,06	2,24	244
2,0	13,42	2,98	137
2,5	16,77	3,73	88
3,0	20,13	4,47	61

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 73°x 37°

T002900	METAL HALIDE 1x100W (E27) - HIE				
220/240Vac 50/60Hz	main voltage				

H m	ØC0 m	ØC90 m	E lux
0,5	3,15	0,60	5164
1,0	6,30	1,20	1291
1,5	9,46	1,80	574
2,0	12,61	2,39	323
2,5	15,76	2,99	207
3,0	18,91	3,59	143

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 72°x 31°

T003000	METAL HALIDE 1x150W (E27) - HIE				
220/240Vac 50/60Hz	main voltage				

H m	ØC0 m	ØC90 m	E lux
0,5	3,08	0,65	7794
1,0	6,16	1,30	1494
1,5	9,23	1,96	866
2,0	12,31	2,61	487
2,5	15,39	3,26	312
3,0	18,47	3,91	217

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 72°x 33°

T000500	SODIUM VAPOUR 1x100W (E40) - HSE				
220/240Vac 50/60Hz	main voltage				

H m	ØC0 m	ØC90 m	E lux
0,5	3,68	0,62	7256
1,0	7,36	1,24	1814
1,5	11,04	1,87	806
2,0	14,72	2,49	454
2,5	18,40	3,11	290
3,0	22,08	3,73	202

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 75°x 32°

T000600	SODIUM VAPOUR 1x150W (E40) - HSE				
220/240Vac 50/60Hz	main voltage				

H m	ØC0 m	ØC90 m	E lux
0,5	3,17	0,80	7714
1,0	6,34	1,59	1929
1,5	9,51	2,39	857
2,0	12,69	3,18	482
2,5	15,86	3,98	309
3,0	19,03	4,77	214

—— C = 0°-180°   Cd/Klm
······ C = 90°-270°   α = 72°x 38°

T001600	Wall support

Felsina

Felsina wall dual emission

● antigua grey

Adjustable projector unit with dual emission

IP65

			H m	ØC0 m	ØC90 m	E lux
T002500	METAL HALIDE 1x70W (E27) - HIE					
220/240Vac 50/60Hz main voltage			0,5	2,38	0,81	2431
			1,0	4,76	1,62	608
			1,5	7,14	2,43	270
			2,0	9,52	3,24	152
			2,5	11,89	4,05	97
			3,0	14,27	4,86	68
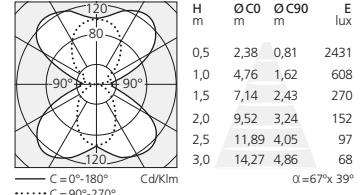
— C=0°-180° Cd/Klm
····· C=90°-270°   α=67°x 39°

			H m	ØC0 m	ØC90 m	E lux
T002600	METAL HALIDE 1x100W (E27) - HIE					
220/240Vac 50/60Hz main voltage			0,5	2,38	0,81	3193
			1,0	4,76	1,62	798
			1,5	7,14	2,43	355
			2,0	9,52	3,24	200
			2,5	11,89	4,05	128
			3,0	14,27	4,86	89

— C=0°-180° Cd/Klm
····· C=90°-270°   α=67°x 39°

			H m	ØC0 m	ØC90 m	E lux
T002700	METAL HALIDE 1x150W (E27) - HIE					
220/240Vac 50/60Hz main voltage			0,5	2,38	0,81	5261
			1,0	4,76	1,62	1315
			1,5	7,14	2,43	585
			2,0	9,52	3,24	329
			2,5	11,89	4,05	210
			3,0	14,27	4,86	146

— C=0°-180° Cd/Klm
····· C=90°-270°   α=67°x 39°

			H m	ØC0 m	ØC90 m	E lux
T000200	SODIUM VAPOUR 1x100W (E40) - HSE					
220/240Vac 50/60Hz main voltage			0,5	2,38	0,81	3447
			1,0	4,76	1,62	862
			1,5	7,14	2,43	383
			2,0	9,52	3,24	215
			2,5	11,89	4,05	138
			3,0	14,27	4,86	96

— C=0°-180° Cd/Klm
····· C=90°-270°   α=67°x 39°
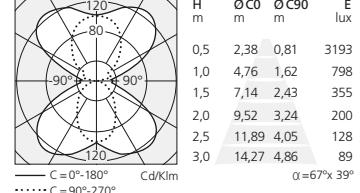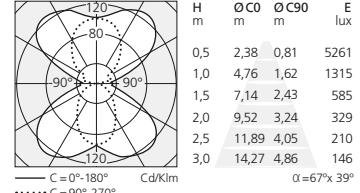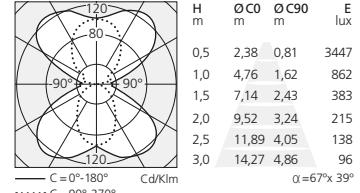
			H m	ØC0 m	ØC90 m	E lux
T000300	SODIUM VAPOUR 1x150W (E40) - HSE					
220/240Vac 50/60Hz main voltage			0,5	2,38	0,81	5624
			1,0	4,76	1,62	1406
			1,5	7,14	2,43	625
			2,0	9,52	3,24	352
			2,5	11,89	4,05	225
			3,0	14,27	4,86	156

— C=0°-180° Cd/Klm
····· C=90°-270°   α=67°x 39°

T001600	Wall support

210

430
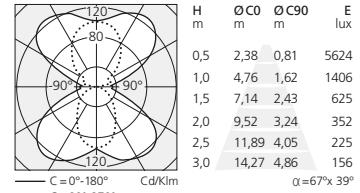
Timpone

- Lighting system with diffuse emission,
  with metal halide or high pressure sodium vapour
  sources.
- Installation with single pole or pole with side arms.
  Available in different configurations.
- Lamp unit in painted die-cast EN-AB 46100
  aluminium.
- 3.8m and 5m underground poles in hot-galvanized
  and painted steel.
- Single or dual arms in hot-galvanized
  and painted steel.
- Deflector in white painted steel sheet.
- Shock resistant diffuser in opal PMMA.
- Painting is obtained with 3-stage outdoor treatment:
  nanotechnologies, antioxidant primer,
  polyester paint.
- AISI 316 stainless steel screws and silicone
  seal gaskets.
- Technical features of light fixtures
  in compliance with EN60598-1.
- IP Rating IP65.
- ENEC approved.
- Insulation class I.
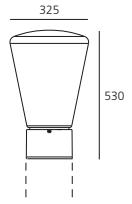
Timpone

Timpone axial

● dark grey

Diffuser with deflector
and axial connection

IP65

T017400	METAL HALIDE 1x70W (E27) - HIE
220/240Vac 50/60Hz main voltage	

C = 0°-180°
C = 90°-270°
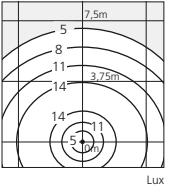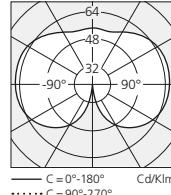
T017500	METAL HALIDE 1x100W (E27) - HIE
T017300	SODIUM VAPOUR 1x100W (E40) - HSE
220/240Vac 50/60Hz main voltage	

C = 0°-180°
C = 90°-270°
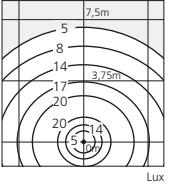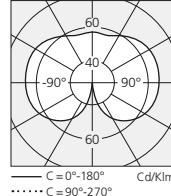
T015700	3,8 m ø 90 mm Underground pole
T016000	Flanged base

HSE 100W	Lighting application				
Timpone hanging side					
h	L	a	Em	Emax	Emin
3.8 m	3.8 m	14.06 m	20 lux	44 lux	7.5 lux
5.0 m	5.0 m	18.5 m	11 lux	25 lux	4.5 lux
Timpone axial					
h	L	a	Em	Emax	Emin
3.8 m	3.8 m	14.06 m	14 lux	23 lux	1.5 lux
5.0 m	5.0 m	18.5 m	9 lux	14 lux	1.5 lux

HIE 70W	Lighting application				
Timpone hanging side					
h	L	a	Em	Emax	Emin
3.8 m	3.8 m	14.06 m	11 lux	22 lux	5.5 lux
5.0 m	5.0 m	18.5 m	6 lux	13 lux	2.5 lux
Timpone axial					
h	L	a	Em	Emax	Emin
3.8 m	3.8 m	14.06 m	9 lux	16 lux	1.5 lux
5.0 m	5.0 m	18.5 m	6 lux	9 lux	1.5 lux
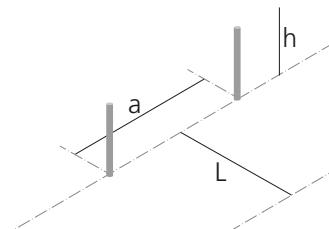
HIE 100W	Lighting application				
Timpone hanging side					
h	L	a	Em	Emax	Emin
3.8 m	3.8 m	14.06 m	16 lux	33 lux	6.5 lux
5.0 m	5.0 m	18.5 m	9 lux	19 lux	4.0 lux
Timpone axial					
h	L	a	Em	Emax	Emin
3.8 m	3.8 m	14.06 m	14 lux	23 lux	1.5 lux
5.0 m	5.0 m	18.5 m	8 lux	13 lux	1.5 lux

Timpone

530

325
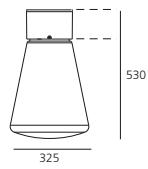
**Timpone hanging side**

● dark grey

Diffuser with deflector
and hanging side connection

IP65

T019400	METAL HALIDE 1x70W (E27) - HIE
220/240Vac 50/60Hz main voltage	

C = 0°-180° Cd/Klm
C = 90°-270°

-90°   90°
32
48
64

6m
5
7
11
3m
13
15
17
21
19
1m
Lux
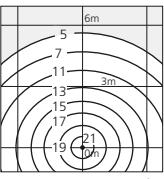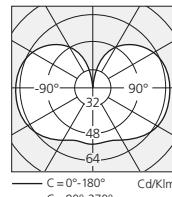
T019500	METAL HALIDE 1x100W (E27) - HIE
T019300	SODIUM VAPOUR 1x100W (E40) - HSE
220/240Vac 50/60Hz main voltage	

C = 0°-180° Cd/Klm
C = 90°-270°

80
-90°   90°
40
80

7m
5
8
11
3,5m
17
20
26
29
32
1m
Lux
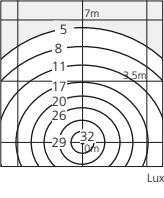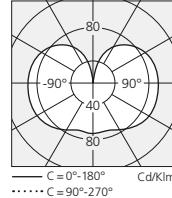
T016400	500mm Single arm
T016500	600mm Single arm
T016600	1200mm Single arm

T016800	1200mm Linear dual arm

T015500	3,8m ø 90mm Underground pole
T015600	5m ø 90mm Underground pole

T016000	Flanged base (single pole cover)
T016100	Flanged base (dual pole cover)

5000
800

3800
600

330

3800

470

1250

1030

2730   1530   810   2130   2270   1530   1530   1670
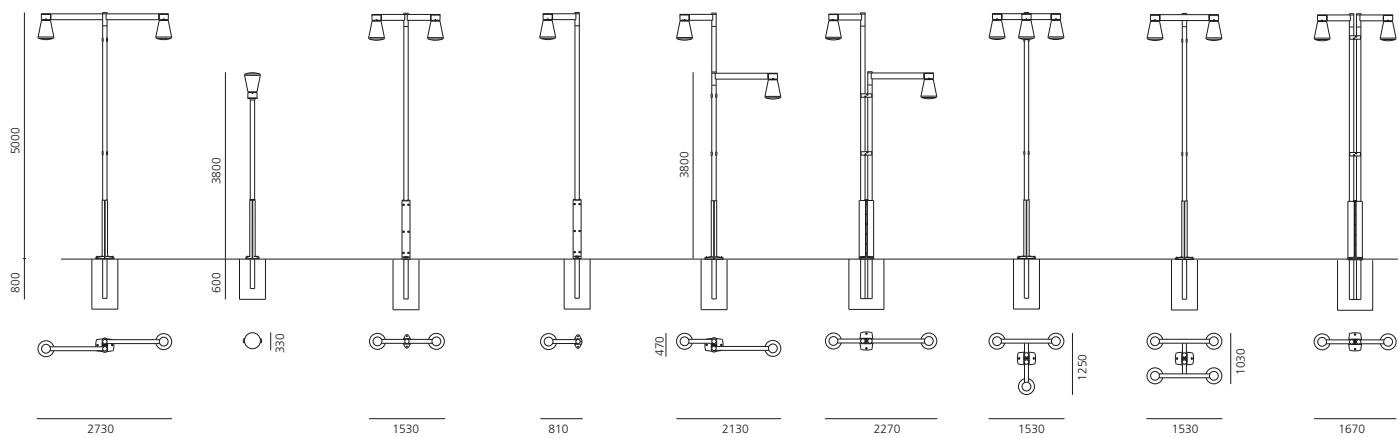
RGB control systems

DMX lighting controller
NL19030

Max. distance 100 mt

LED Driver NL81260 and NL84100 are compatbile
with an USITT DMX 512 control system.
The standard USITT DMX 512 permits a simple,
reliable and economical control, to realized colour
changing scenes with RGB products.
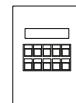
Driver

NL81260	LED driver NLX 2-70 IP65 70W 24Vdc	PWM
NL84100	LED driver NLX 2-100 IP65 100W 24Vdc	PWM

PWM driver for fixtures with autonomous colour programs for stand-alone
or controlled working by means of DMX 512 protocol for installations of all sizes.

Lighting Controller

NL19030	DSC 30 USB interface - DMX stand alone

Digital interface provided with software. If connected to the PC USB port,
it transforms the program instructions into DMX 512 control signals.
DSC30 (512 DMX controllable channels, real-time clock, local use) allows
computer-interactive programming and stand-alone mode, that is the possibility
of autonomous interface repetition without PC connection.

DSC 30 Accessories

NL19031	9V/350mA ballast with mini USB connector for DSC30
NL7833	Cable with HE10 connector for connection to a 50cm-long keyboard

Led driver NLX
NL81260/NL84100

RGB LEDs

maximum n° of products
depends on the total power.

Data cable DMX

Led driver NLX
NL81260/NL84100

RGB LEDs

maximum n° of products
depends on the total power.

Data cable DMX

Led driver NLX
NL81260/NL84100

RGB LEDs

maximum n° of products
depends on the total power.
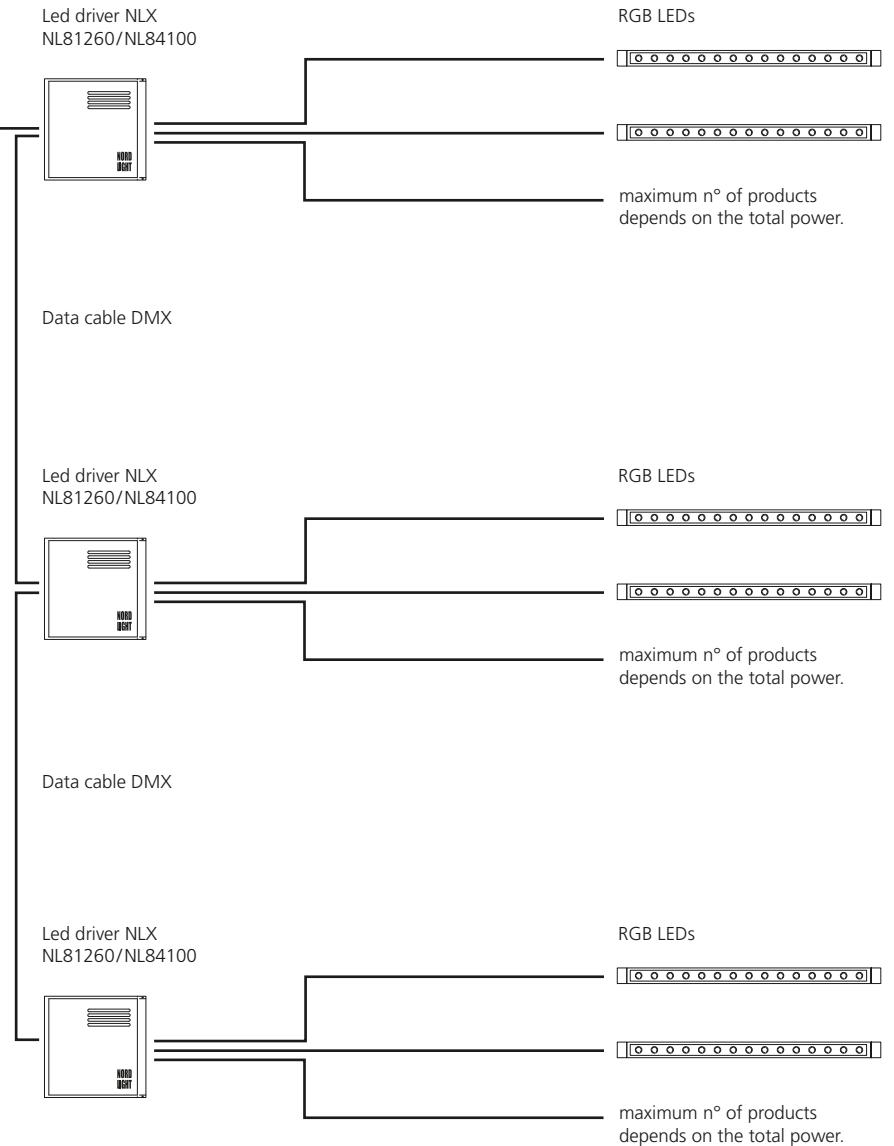
Legenda

Classifications

⏚

Class I
The safety of the luminaire is guaranteed
by an additional protective conductor (earth)
connected with the metal frame of the lamp.

□

Class II
The safety of the luminaire is guaranteed
by the double reinforced insulation of conductive
parts, and without earth connection.

◇

Class III
The luminaire is fitted with a protection device
against electrical shock that features a very l
ow voltage power supply and prevents it from
generating higher voltages.
Note: a Class III luminaire does not have to be
equipped with an earth protection.

▽

Luminaire suitable for installation on normally
inflammable surfaces.

Approvals

ENEC 03

ENEC Certification of European Conformity.

IMQ

IMQ Italian Institute of Quality Mark.

Sizes
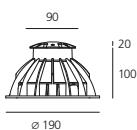
Drawings in this catalogue are in mm.

IP Rate

IP65
Electrical fittings are preset in order to prevent
the intrusion and contact with solids and liquids
with live parts. Resistance against the penetration
of solids and liquids is expressed by the initials IP,
followed by two digits that stand for the degree
of protection: the first referring to solids,
the second to liquids.

First digit
0 Non-protected.
1 Protected against the penetration
  of solid objects greater than 50 mm.
2 Protected against the penetration
  of solid objects greater than 12 mm.
3 Protected against the penetration
  of solid objects greater than 2,5 mm.
4 Protected against the penetration
  of solid objects greater than 1 mm.
5 Dust-protected.
6 Dust-tight.

Second digit
0 Non-protected.
1 Protected against dripping water.
2 Protected against dripping water
  when tilted up to 15°.
3 Protected against spraying water.
4 Protected against splashing water.
5 Protected against water jets.
6 Protected against heavy seas.
7 Protected against the effects of immersion.
8 Protected against submersion.

IK shock-resistance degree

IK10
The light fixture is placed on a horizontal stable surface.
A body of a certain shape and weight is dropped
repeatedly from a certain height according
to the IK degree to be tested.

IK Degree	Impact Energy (J)	Equivalent impact
00	Unprotected	-
01	0,15	Fall of a 200g body from 40cm of height
02	0,2	Fall of a 200g body from 40cm of height
03	0,35	Fall of a 200g body from 40cm of height
04	0,5	Fall of a 200g body from 40cm of height
05	0,7	Fall of a 200g body from 40cm of height
06	1	Fall of a 500g body from 40cm of height
07	2	Fall of a 500g body from 40cm of height
08	5	Fall of a 1,7kg body from 40cm of height
09	10	Fall of a 5kg body from 40cm of height
10	20	Fall of a 5kg body from 40cm of height

Photometric data

—— C = 0°-180° Cd/Klm
······ C = 90°-270°

Lux

H m	ØC0 m	ØC90 m	E lux
0,5	0,05	0,05	46928
1,0	0,09	0,09	11732
1,5	0,14	0,14	5214
2,0	0,19	0,19	2933
2,5	0,24	0,24	1877
3,0	0,28	0,28	1304
			α=6°
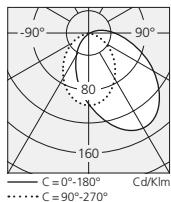
Photometric curve in polar coordinates
It represents the light intensity distribution
(in candles/1000 lumen) emitted by the light fixture
on the planes passing through its optical axis.
Two curves are indicated for each light fixture.
The first one refers to the transversal C0-C180
plane (continuous line) and the second one to the
longitudinal C90-C270 plane (broken line).
The photometric curve defines the lighting engineer-
ing features of the fixture, such as the luminous flux
control, the type of emission, the maximum intensity
direction, which are needed for testing illuminance
values during use.
Photometric curves shown in this catalogue are only
indicative. For accurate photometric data, calculations
should be taken from Dialux programme.
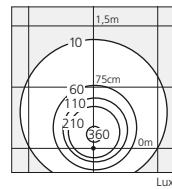
Isolux diagram
It shows the illuminance distribution on the vertical
plane (wall washer fixtures) or on the horizontal
plane (floor fixtures and poles). The Isolux lines link
the points of equal illuminance.

Light cone
It shows the maximum illuminance level in lux,
measured in horizontal parts at different heights with
respect to the fixture. øC0 and øC90 represent the
lengths of the section axes. In case of rotating
symmetric emissions, the two values coincide.
The emission angle shows the flat angle subtended
by the directions where light intensity is equal
to the 50% of the maximum intensity.

Lighting application
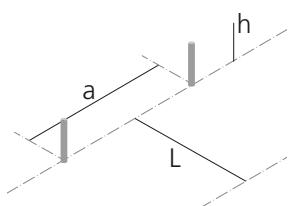
Summary of illuminance levels according
to the design parameters.
h= source height
a= width of the light fixture positioning interval
L= illuminance distance

Light emissions

Spot

Flood

Wide Flood

Elliptical
Flood

Elliptical
Wide Flood

Diffuse

Asimmetrical

Bidirectional
asimmetrical

Asimmetrical
Wide Flood

Double
emission
Spot/Flood

Double
emission
Flood/Flood

Double
elliptical
emission
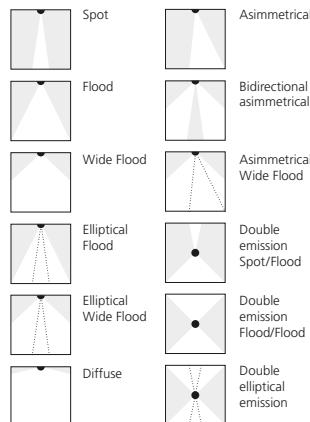
Symbols

Walk-over light fixture

Drive-over light fixture

Light fixture with RGB colour mixing system.

## Finish
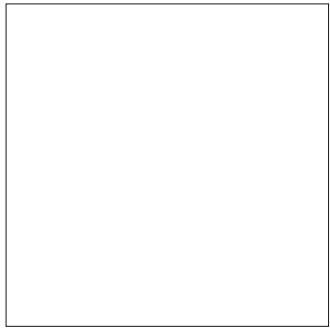
White
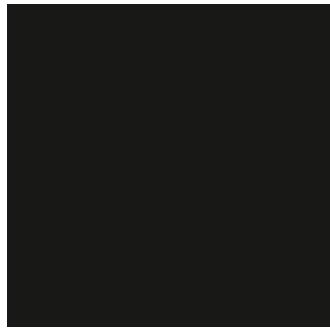
Black
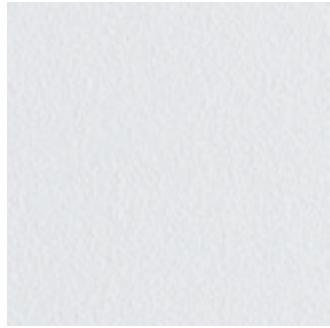
Light grey

Silver grey

Anthracite grey
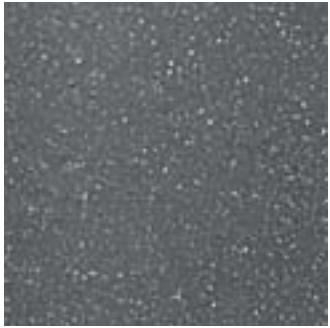
Antigua grey
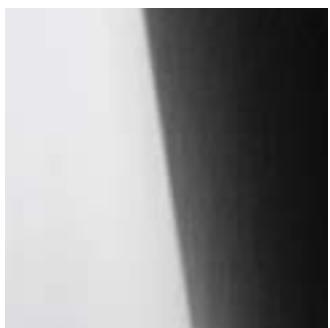
Polished
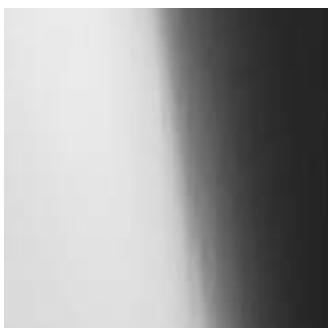
Satiny

Green
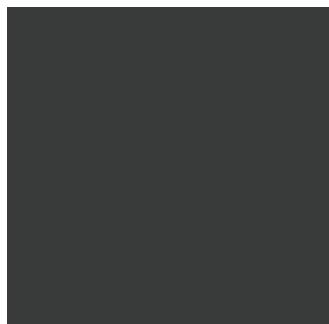
Dark grey
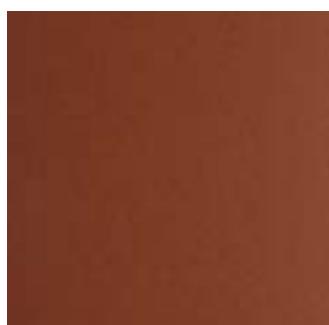
Rust

Rust Cor-ten

⚠

The colour of Cor-ten steel may change
in time depending on weather conditions.
Before stabilization, Cor-ten steel
may release rust powder that may stain
the surface where it is placed.