Artemide Outdoor
2012

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Artemide stands for excellence in Design, combined with continuous technological upgrade: this clear and consistent positioning has made the Company one of 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 harmonious atmospheres, 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.
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 CO2 emissions.

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

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.

Innovation and sustainability
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 and 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.

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 CO2 emissions
- very long operation time
- short maintenance cycles
- reduced sizes

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.
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.
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<td>230 Eracea</td>
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<td>276 Felsina</td>
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<td></td>
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Families

Naiade

12  Naiade Walk-over

Naiade walk-over 55  Naiade walk-over 90  Naiade walk-over 150  Naiade walk-over 220  Naiade 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

118  Naiade downlight

Naiade downlight 55  Naiade downlight 90  Naiade downlight 150  Naiade downlight 220  Naiade downlight 320

Orcamo

26  Orcamo walk-over

Orcamo walk-over 150  Orcamo walk-over 220  Orcamo walk-over 320

134  Orcamo downlight

Orcamo downlight 150  Orcamo downlight 220  Orcamo downlight 320
228 Ippolito

Ippolito 45
Ippolito 90

244 Giasole

Giasole floor unilateral
Giasole floor bilateral
Giasole wall

232 Granito

Granito 30
Granito 60

254 Hila

Hila floor
Hila pole
Hila wall

236 Illo, Catilina, Aglaia

Illo
Catilina
Aglaia

264 Provoca

Provoca pole
Provoca wall

240 Teseo

Teseo floor 50
Teseo floor 100
Teseo wall

276 Felsina

Felsina wall direct emission
Felsina pole fixed
Felsina pole 1 head
Felsina pole 2 heads
Felsina pole 3 heads

242 Alcesti

Alcesti floor
Alcesti wall

282 Timpone

Timpone axial
Timpone hanging side
- 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.
- 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
### 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 IK10**
- Fixed beam

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#### 1 LED 1W

<table>
<thead>
<tr>
<th>Model</th>
<th>Wattage</th>
<th>Color Temperature</th>
<th>Beam Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>T403110W00</td>
<td>1W</td>
<td>3000K</td>
<td>11°</td>
</tr>
<tr>
<td>T403110N00</td>
<td>1W</td>
<td>4000K</td>
<td>11°</td>
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<tr>
<td>T403110C00</td>
<td>1W</td>
<td>6000K</td>
<td>11°</td>
</tr>
<tr>
<td>T403139W00</td>
<td>1W</td>
<td>3000K</td>
<td>30°</td>
</tr>
<tr>
<td>T403139N00</td>
<td>1W</td>
<td>4000K</td>
<td>30°</td>
</tr>
<tr>
<td>T403139C00</td>
<td>1W</td>
<td>6000K</td>
<td>30°</td>
</tr>
<tr>
<td>T4031ELW00</td>
<td>1W</td>
<td>3000K</td>
<td>12°x36°</td>
</tr>
<tr>
<td>T4031ELN00</td>
<td>1W</td>
<td>4000K</td>
<td>12°x36°</td>
</tr>
<tr>
<td>T4031ELC00</td>
<td>1W</td>
<td>6000K</td>
<td>12°x36°</td>
</tr>
</tbody>
</table>

**electronic 24Vdc**

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#### Recessing box

**T409908**
- Recessing box supplied separately

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### 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 IK10**
- Fixed beam

---

#### 1 LED 1W

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<tr>
<td>T4031ELN00</td>
<td>1W</td>
<td>4000K</td>
<td>12°x36°</td>
</tr>
<tr>
<td>T4031ELC00</td>
<td>1W</td>
<td>6000K</td>
<td>12°x36°</td>
</tr>
</tbody>
</table>

**electronic 24Vdc**

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#### Recessing box

**T409908**
- Recessing box supplied separately

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## Effective power

1.44W
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

**T400110W00**  
1 LED 1W 3000K 11°  
electronic 24Vdc

**T400110N00**  
1 LED 1W 4000K 11°

**T400110C00**  
1 LED 1W 6000K 11°

**T400139W00**  
1 LED 1W 3000K 30°  
electronic 24Vdc

**T400139N00**  
1 LED 1W 4000K 30°

**T400139C00**  
1 LED 1W 6000K 30°

T4001ELW00  
1 LED 1W 3000K 12°x36°  
electronic 24Vdc

**T4001ELN00**  
1 LED 1W 4000K 12°x36°

**T4001ELC00**  
1 LED 1W 6000K 12°x36°

**T400210W00**  
1 LED 1W 3000K 11°  
electronic 24Vdc

**T400210N00**  
1 LED 1W 4000K 11°

**T400210C00**  
1 LED 1W 6000K 11°

**T400239W00**  
1 LED 1W 3000K 30°  
electronic 24Vdc

**T400239N00**  
1 LED 1W 4000K 30°

**T400239C00**  
1 LED 1W 6000K 30°

**T4002ELW00**  
1 LED 1W 3000K 12°x36°  
electronic 24Vdc

**T4002ELN00**  
1 LED 1W 4000K 12°x36°

**T4002ELC00**  
1 LED 1W 6000K 12°x36°

**T409908**  
Recessing box

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**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

**T400210W00**  
1 LED 1W 3000K 11°  
electronic 24Vdc

**T400210N00**  
1 LED 1W 4000K 11°

**T400210C00**  
1 LED 1W 6000K 11°

**T400239W00**  
1 LED 1W 3000K 30°  
electronic 24Vdc

**T400239N00**  
1 LED 1W 4000K 30°

**T400239C00**  
1 LED 1W 6000K 30°

**T4002ELW00**  
1 LED 1W 3000K 12°x36°  
electronic 24Vdc

**T4002ELN00**  
1 LED 1W 4000K 12°x36°

**T4002ELC00**  
1 LED 1W 6000K 12°x36°

**T409908**  
Recessing box
T403410W00  3 LED  3,3W  3000K  10°
T403410N00  3 LED  3,3W  4000K  10°
T403410C00  3 LED  3,3W  6000K  10°
electronic 24Vdc

T403439W00  3 LED  3,3W  3000K  25°
T403439N00  3 LED  3,3W  4000K  25°
T403439C00  3 LED  3,3W  6000K  25°
electronic 24Vdc

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

T409907  Recessing box
**Naiade 90 walk-over**

**Square aluminium**
- Painted aluminium ring (3mm)
- Aluminium secondary frame
  - Static load 1000 Kg
  - T glass 36° C
- Recessing box supplied separately

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

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**T400410W00** 3 LED 3,3W 3000K 10°
**T400410N00** 3 LED 3,3W 4000K 10°
**T400410C00** 3 LED 3,3W 6000K 10°
- Electronic 24Vdc

**T400439W00** 3 LED 3,3W 3000K 25°
**T400439N00** 3 LED 3,3W 4000K 25°
**T400439C00** 3 LED 3,3W 6000K 25°
- Electronic 24Vdc

**T4004ELW00** 3 LED 3,3W 3000K 35°
**T4004ELN00** 3 LED 3,3W 4000K 35°
**T4004ELC00** 3 LED 3,3W 6000K 35°
- Electronic 24Vdc

**T400510W00** 3 LED 3,3W 3000K 10°
**T400510N00** 3 LED 3,3W 4000K 10°
**T400510C00** 3 LED 3,3W 6000K 10°
- Electronic 24Vdc

**T400539W00** 3 LED 3,3W 3000K 25°
**T400539N00** 3 LED 3,3W 4000K 25°
**T400539C00** 3 LED 3,3W 6000K 25°
- Electronic 24Vdc

**T4005ELW00** 3 LED 3,3W 3000K 35°
**T4005ELN00** 3 LED 3,3W 4000K 35°
**T4005ELC00** 3 LED 3,3W 6000K 35°
- Electronic 24Vdc

**T409907** Recessing box
Naiade 150 walk-over

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

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

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

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

T409905  Recessing box

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

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

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

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

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 IK10

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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

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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

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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

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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

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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

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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

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T409906 Recessing box

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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 IK10

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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

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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

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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

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T409906 Recessing box
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

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

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

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

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

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

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

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

T409903  Recessing box
Naiade 220 walk-over

Square aluminium

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

IP65/67 IK10

220240Vac 50/60Hz electronic ballast

9 LED 13,8W 3000K 6°
T40101W00

9 LED 13,8W 4000K 6°
T40101N00

9 LED 13,8W 6000K 6°
T40101C00

220240Vac 50/60Hz electronic ballast

9 LED 13,8W 3000K 32°
T40103W00

9 LED 13,8W 4000K 32°
T40103N00

9 LED 13,8W 6000K 32°
T40103C00

220240Vac 50/60Hz electronic ballast

T409904 Recessing box
### Naiade 320 walk-over

**Naiaede 320 walk-over**

**Round aluminium**

<table>
<thead>
<tr>
<th>Model</th>
<th>LEDs</th>
<th>Watt</th>
<th>Kolor</th>
<th>Beam</th>
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<tbody>
<tr>
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<td>23.8W</td>
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220/240Vac 50/60Hz electronic ballast

### Naiade 320 walk-over

**Round steel**

<table>
<thead>
<tr>
<th>Model</th>
<th>LEDs</th>
<th>Watt</th>
<th>Kolor</th>
<th>Beam</th>
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<tr>
<td>T405010W00</td>
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<td>6º</td>
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<td>T405010C00</td>
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<td>23.8W</td>
<td>6000K</td>
<td>6º</td>
</tr>
</tbody>
</table>

220/240Vac 50/60Hz electronic ballast

### Recessing box supplied separately

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

### Technical specifications

- **Effective power:** +/− 15° 27W
- **Adjustable beam:** +/− 15° 32º
- **C = 0°-180°**
- **C = 90°-270°**
- **Cd/Klm:** 2,5 3,0 4,5 m
- **H:** 0,5 1,0 1,5 2,0 2,5 3,0 m

---

*Image of Naiade 320 walk-over diagram*
Naiade 320 walk-over

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 IK10

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 IK10

<table>
<thead>
<tr>
<th>Model</th>
<th>LED</th>
<th>Power (W)</th>
<th>CCT (K)</th>
<th>Angle (°)</th>
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<td>T4021W00</td>
<td>16</td>
<td>23,8</td>
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<td>6000</td>
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<td>220/240Vac 50/60Hz electronic ballast</td>
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<td>220/240Vac 50/60Hz electronic ballast</td>
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</table>

T409902  Recessing box

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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 IK10

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 IK10

<table>
<thead>
<tr>
<th>Model</th>
<th>LED</th>
<th>Power (W)</th>
<th>CCT (K)</th>
<th>Angle (°)</th>
</tr>
</thead>
<tbody>
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<td>23,8</td>
<td>3000</td>
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<tr>
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<td>T4021C00</td>
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<td>220/240Vac 50/60Hz electronic ballast</td>
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</table>

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.
Orcamo walk-over

Tempered glass flush with the floor

Lighting unit

Recessing box in polymer
Recessed depth 122 mm
Orcamo 150 walk-over

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

220/240Vac 50/60Hz electronic ballast

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

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+- 15°
Orcamo 220 walk-over

Orcamo 220 walk-over
Round
Static load 1000kg
Glass thickness 8 mm
T glass 40 °C
Recessing box supplied separately

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

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

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

T409911 Recessing box

Orcamo 220 walk-over
Square
Static load 1000kg
Glass thickness 8 mm
T glass 40 °C
Recessing box supplied separately

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

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

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

T409912 Recessing box
Orcamo 320 walk-over

**Orcamo 320 walk-over Round**

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

**Orcamo 320 walk-over Square**

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

### Orcamo 320 walk-over Round

- **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**

- **T411439W00**: 16 LED 23.8W 3000K 32°
- **T411439N00**: 16 LED 23.8W 4000K 32°
- **T411439C00**: 16 LED 23.8W 6000K 32°

- **220/240Vac 50/60Hz electronic ballast**

- **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**

### Orcamo 320 walk-over Square

- **T409909**: Recessing box

### Δ320

- **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**

- **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**

- **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**

### Δ430

- **T409910**: Recessing box
- 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.
- Insulation class III.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.
Ego 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.

Electronic ballast supplied separately.

Lighting unit

Recessing box in polymer
Recessed depth 60mm
Residenza privata, Milan - IT
Architectural project: Erna Corbetta
### 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

**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

---

**Specifications**

### NL4000010K002
- 1 LED 1W 3000K 11°
- 350mA electronic ballast

### NL4000010W002
- 1 LED 1W 4000K 11°
- 350mA electronic ballast

### NL4000010Z002
- 1 LED 1W 6000K 11°
- 350mA electronic ballast

### NL4000039K002
- 1 LED 1W 3000K 30°
- 350mA electronic ballast

### NL4000039W002
- 1 LED 1W 4000K 30°
- 350mA electronic ballast

### NL4000039Z002
- 1 LED 1W 6000K 30°
- 350mA electronic ballast

### NL40000ELK002
- 1 LED 1W 3000K 12°x36°
- 350mA electronic ballast

### NL40000ELW002
- 1 LED 1W 4000K 12°x36°
- 350mA electronic ballast

### NL40000ELZ002
- 1 LED 1W 6000K 12°x36°
- 350mA electronic ballast

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

---

### Fixed beam

#### NL4000210K001
- 1 LED 1W 3000K 11°
- 350mA electronic ballast

#### NL4000210W001
- 1 LED 1W 4000K 11°
- 350mA electronic ballast

#### NL4000210Z001
- 1 LED 1W 6000K 11°
- 350mA electronic ballast

#### NL4000239K001
- 1 LED 1W 3000K 30°
- 350mA electronic ballast

#### NL4000239W001
- 1 LED 1W 4000K 30°
- 350mA electronic ballast

#### NL4000239Z001
- 1 LED 1W 6000K 30°
- 350mA electronic ballast

#### NL40002ELK001
- 1 LED 1W 3000K 12°x36°
- 350mA electronic ballast

#### NL40002ELW001
- 1 LED 1W 4000K 12°x36°
- 350mA electronic ballast

#### NL40002ELZ001
- 1 LED 1W 6000K 12°x36°
- 350mA electronic ballast

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

---

**Effective power**

### NL400021H0
- 1,4W
- Effective power

### NL4000239W001
- 1,4W
- Effective power

---

**Cd/Klm**

### NL4000239W001
- 1,4W
- Effective power

---

**Dimensions**

### NL4000239W001
- ØC 358 1,34
- 0°-180°

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**Luminous Intensity**

### NL4000239W001
- 50 lux 358
- 0°-180°
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

350mA electronic ballast

NL4000110K002 1 LED 1W 3000K 11°
NL4000110W002 1 LED 1W 4000K 11°
NL4000110Z002 1 LED 1W 6000K 11°

NL40001139K002 1 LED 1W 3000K 30°
NL40001139W002 1 LED 1W 4000K 30°
NL40001139Z002 1 LED 1W 6000K 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

NL4000139K002 1 LED 1W 3000K 30°
NL4000139W002 1 LED 1W 4000K 30°
NL4000139Z002 1 LED 1W 6000K 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

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

350mA electronic ballast

NL4000310K001 1 LED 1W 3000K 11°
NL4000310W001 1 LED 1W 4000K 11°
NL4000310Z001 1 LED 1W 6000K 11°

NL4000339K001 1 LED 1W 3000K 30°
NL4000339W001 1 LED 1W 4000K 30°
NL4000339Z001 1 LED 1W 6000K 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

NL4000310K001 1 LED 1W 3000K 11°
NL4000310W001 1 LED 1W 4000K 11°
NL4000310Z001 1 LED 1W 6000K 11°

NL4000339K001 1 LED 1W 3000K 30°
NL4000339W001 1 LED 1W 4000K 30°
NL4000339Z001 1 LED 1W 6000K 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

NL40021H0 Recessing box
NL11022 Ballast 5W 350mA IP67 1 max
NL19019 Ballast 13W 350mA IP67 3 max
**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 K10**

**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 K10**

---

**NL4000410K002**

- 3 LED
- 3,3W
- 3000K
- 10°

**350mA electronic ballast**

**NL4000410W002**

- 3 LED
- 3,3W
- 4000K
- 10°

**NL4000410Z002**

- 3 LED
- 3,3W
- 6000K
- 10°

---

**NL4000439K002**

- 3 LED
- 3,3W
- 3000K
- 25°

**NL4000439W002**

- 3 LED
- 3,3W
- 4000K
- 25°

**NL4000439Z002**

- 3 LED
- 3,3W
- 6000K
- 25°

---

**NL40004ELK002**

- 3 LED
- 3,3W
- 3000K
- 35°

**NL40004ELW002**

- 3 LED
- 3,3W
- 4000K
- 35°

**NL40004ELZ002**

- 3 LED
- 3,3W
- 6000K
- 35°

---

**NL40022H0**

- Recessing box

**NL11022**

- Ballast
- 5W
- 350mA
- IP67
- 1 max

**NL19019**

- Ballast
- 13W
- 350mA
- IP67
- 3 max

---

**NL4000610K001**

- 3 LED
- 3,3W
- 3000K
- 10°

**NL4000610W001**

- 3 LED
- 3,3W
- 4000K
- 10°

**NL4000610Z001**

- 3 LED
- 3,3W
- 6000K
- 10°

---

**NL4000639K001**

- 3 LED
- 3,3W
- 3000K
- 25°

**NL4000639W001**

- 3 LED
- 3,3W
- 4000K
- 25°

**NL4000639Z001**

- 3 LED
- 3,3W
- 6000K
- 25°

---

**NL40006ELK001**

- 3 LED
- 3,3W
- 3000K
- 35°

**NL40006ELW001**

- 3 LED
- 3,3W
- 4000K
- 35°

**NL40006ELZ001**

- 3 LED
- 3,3W
- 6000K
- 35°

---

**NL40022H0**

- Recessing box

**NL11022**

- Ballast
- 5W
- 350mA
- IP67
- 1 max

**NL19019**

- Ballast
- 13W
- 350mA
- IP67
- 3 max
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 IK10

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 IK10

---

**Ego 90 walk-over**

**Square aluminium**

- NL4000510K002 3 LED 3,3W 3000K 10°
- NL4000510W002 3 LED 3,3W 4000K 10°
- NL4000510Z002 3 LED 3,3W 6000K 10°

350mA electronic ballast

- NL4000539K002 3 LED 3,3W 3000K 25°
- NL4000539W002 3 LED 3,3W 4000K 25°
- NL4000539Z002 3 LED 3,3W 6000K 25°

350mA electronic ballast

- NL40005ELK002 3 LED 3,3W 3000K 35°
- NL40005ELW002 3 LED 3,3W 4000K 35°
- NL40005ELZ002 3 LED 3,3W 6000K 35°

350mA electronic ballast

**Recessing box**

- NL40022H0

**Ballast**

- NL11022 : 5W 350mA IP67 1 max
- NL19019 : 13W 350mA IP67 3 max

---

**Ego 90 walk-over**

**Square steel**

- NL4000710K001 3 LED 3,3W 3000K 10°
- NL4000710W001 3 LED 3,3W 4000K 10°
- NL4000710Z001 3 LED 3,3W 6000K 10°

350mA electronic ballast

- NL4000739K001 3 LED 3,3W 3000K 25°
- NL4000739W001 3 LED 3,3W 4000K 25°
- NL4000739Z001 3 LED 3,3W 6000K 25°

350mA electronic ballast

- NL40007ELK001 3 LED 3,3W 3000K 35°
- NL40007ELW001 3 LED 3,3W 4000K 35°
- NL40007ELZ001 3 LED 3,3W 6000K 35°

350mA electronic ballast

**Recessing box**

- NL40022H0

**Ballast**

- NL11022 : 5W 350mA IP67 1 max
- NL19019 : 13W 350mA IP67 3 max

---

41
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

Ego 150 walk-over

Round steel

AlSi 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
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

NL400910K002  4 LED  6.3W  3000K  6°
NL400910W002  4 LED  6.3W  4000K  6°
NL400910Z002  4 LED  6.3W  6000K  6°

500mA electronic ballast

NL400939K002  4 LED  6.3W  3000K  32°
NL400939W002  4 LED  6.3W  4000K  32°
NL400939Z002  4 LED  6.3W  6000K  32°

500mA electronic ballast

NL4009ELK002  4 LED  6.3W  3000K  6°x45°
NL4009ELW002  4 LED  6.3W  4000K  6°x45°
NL4009ELZ002  4 LED  6.3W  6000K  6°x45°

500mA electronic ballast

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

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

NL400110K001  4 LED  6.3W  3000K  6°
NL400110W001  4 LED  6.3W  4000K  6°
NL400110Z001  4 LED  6.3W  6000K  6°

500mA electronic ballast

NL400139K001  4 LED  6.3W  3000K  32°
NL400139W001  4 LED  6.3W  4000K  32°
NL400139Z001  4 LED  6.3W  6000K  32°

500mA electronic ballast

NL4001ELK001  4 LED  6.3W  3000K  6°x45°
NL40031ELW001  4 LED  6.3W  4000K  6°x45°
NL4001ELZ001  4 LED  6.3W  6000K  6°x45°

500mA electronic ballast

NL40023H0  Recessing box
NL19022  Ballast  14W  500mA  IP67  1 max
NL19026  Ballast  18W  500mA  IP67  2 max
Ego 220 walk-over

**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

**IP55/67 IK10**

---

**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

**IP55/67 IK10**

---

**NL4001210K002**
9 LED 13,8W 3000K 6°

**NL4001210W002**
9 LED 13,8W 4000K 6°

**NL4001210Z002**
9 LED 13,8W 6000K 6°

500mA electronic ballast

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**NL4001239K002**
9 LED 13,8W 3000K 32°

**NL4001239W002**
9 LED 13,8W 4000K 32°

**NL4001239Z002**
9 LED 13,8W 6000K 32°

500mA electronic ballast

---

**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

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**NL40026H0**
Recessing box

**NL19026**
Ballast 18W 500mA IP67 1 max

---

**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

**IP55/67 IK10**

---

**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

**IP55/67 IK10**

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**NL4001210K002**
9 LED 13,8W 3000K 6°

**NL4001210W002**
9 LED 13,8W 4000K 6°

**NL4001210Z002**
9 LED 13,8W 6000K 6°

500mA electronic ballast

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**NL4001239K002**
9 LED 13,8W 3000K 32°

**NL4001239W002**
9 LED 13,8W 4000K 32°

**NL4001239Z002**
9 LED 13,8W 6000K 32°

500mA electronic ballast

---

**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

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**NL40026H0**
Recessing box

**NL19026**
Ballast 18W 500mA IP67 1 max
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 IK10

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 IK10
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.
Ego vetro 150 walk-over

**Round**

Static load 1000kg
Glass thickness 8 mm
T glass 35 °C
Recessing box supplied separately

- **NL4001710K002**
  - 4 LED 6,3W 3000K 6°
  - 500mA electronic ballast

- **NL4001710W002**
  - 4 LED 6,3W 4000K 6°

- **NL4001710Z002**
  - 4 LED 6,3W 6000K 6°

- **NL4001739K002**
  - 4 LED 6,3W 3000K 32°
  - 500mA electronic ballast

- **NL4001739W002**
  - 4 LED 6,3W 4000K 32°

- **NL4001739Z002**
  - 4 LED 6,3W 6000K 32°

- **NL40017ELK002**
  - 4 LED 6,3W 3000K 6°x45°
  - 500mA electronic ballast

- **NL40017ELW002**
  - 4 LED 6,3W 4000K 6°x45°

- **NL40017ELZ002**
  - 4 LED 6,3W 6000K 6°x45°

**Square**

Static load 1000kg
Glass thickness 8 mm
T glass 35 °C
Recessing box supplied separately

- **NL4001810K002**
  - 4 LED 6,3W 3000K 6°x45°
  - 500mA electronic ballast

- **NL4001810W002**
  - 4 LED 6,3W 4000K 6°x45°

- **NL4001810Z002**
  - 4 LED 6,3W 6000K 6°x45°

- **NL4001839K002**
  - 4 LED 6,3W 3000K 32°
  - 500mA electronic ballast

- **NL4001839W002**
  - 4 LED 6,3W 4000K 32°

- **NL4001839Z002**
  - 4 LED 6,3W 6000K 32°

- **NL40018ELK002**
  - 4 LED 6,3W 3000K 6°x45°
  - 500mA electronic ballast

- **NL40018ELW002**
  - 4 LED 6,3W 4000K 6°x45°

- **NL40018ELZ002**
  - 4 LED 6,3W 6000K 6°x45°

**Recessing box**

- **NL40029H0**
  - Ballast 14W 500mA IP67 1 max

- **NL40026**
  - Ballast 18W 500mA IP67 2 max
Ego vetro 220 walk-over

Round

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

- NL4001910K002: 9 LED 14.4W 3000K 6°
- NL4001910W002: 9 LED 14.4W 4000K 6°
- NL4001910Z002: 9 LED 14.4W 6000K 6°
500mA electronic ballast

- NL4001939K002: 9 LED 14.4W 3000K 32°
- NL4001939W002: 9 LED 14.4W 4000K 32°
- NL4001939Z002: 9 LED 14.4W 6000K 32°
500mA electronic ballast

- 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

Square

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

- NL4002010K002: 9 LED 14.4W 3000K 6°
- NL4002010W002: 9 LED 14.4W 4000K 6°
- NL4002010Z002: 9 LED 14.4W 6000K 6°
500mA electronic ballast

- NL4002039K002: 9 LED 14.4W 3000K 32°
- NL4002039W002: 9 LED 14.4W 4000K 32°
- NL4002039Z002: 9 LED 14.4W 6000K 32°
500mA electronic ballast

- 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

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

Ego vetro 220 walk-over

Fixed beam

- NL4002010K002: 9 LED 14.4W 3000K 6°
- NL4002010W002: 9 LED 14.4W 4000K 6°
- NL4002010Z002: 9 LED 14.4W 6000K 6°
500mA electronic ballast

- NL4002039K002: 9 LED 14.4W 3000K 32°
- NL4002039W002: 9 LED 14.4W 4000K 32°
- NL4002039Z002: 9 LED 14.4W 6000K 32°
500mA electronic ballast

- 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

- NL40028H0: Recessing box
- NL19026: Ballast 18W 500mA IP67 1 max
• 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.
Microled

Microled 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

<table>
<thead>
<tr>
<th>Model</th>
<th>LED Qty</th>
<th>Power (W)</th>
<th>Color Temp (K)</th>
<th>Beam Angle (°)</th>
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<td>4000</td>
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<td>NL17050VTZ0</td>
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<td>0,08</td>
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<td>140</td>
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</table>

12Vdc electronic ballast

<table>
<thead>
<tr>
<th>Model</th>
<th>Ballast Qty</th>
<th>Power (W)</th>
<th>Voltage (V)</th>
<th>Insulation (IP)</th>
<th>LED Max</th>
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</thead>
<tbody>
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<td>NL17055H0</td>
<td>Recessing box</td>
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<tr>
<td>Naiade drive-over</td>
<td>2011</td>
<td></td>
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</tbody>
</table>
- 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 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.
- 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.
Naiade drive-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 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

IPS 6/67 IK 10

T400010W00 1 LED 1W 3000K 11°
T400010N00 1 LED 1W 4000K 11°
T400010C00 1 LED 1W 6000K 11°
electronic 24Vdc

T400039W00 1 LED 1W 3000K 30°
T400039N00 1 LED 1W 4000K 30°
T400039C00 1 LED 1W 6000K 30°
electronic 24Vdc

T4000ELW00 1 LED 1W 3000K 12°x36°
T4000ELN00 1 LED 1W 4000K 12°x36°
T4000ELC00 1 LED 1W 6000K 12°x36°
electronic 24Vdc

T409908 Recessing box

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

IPS 6/67 IK 10

T400010W00 1 LED 1W 3000K 11°
T400010N00 1 LED 1W 4000K 11°
T400010C00 1 LED 1W 6000K 11°
electronic 24Vdc

T400039W00 1 LED 1W 3000K 30°
T400039N00 1 LED 1W 4000K 30°
T400039C00 1 LED 1W 6000K 30°
electronic 24Vdc

T4000ELW00 1 LED 1W 3000K 12°x36°
T4000ELN00 1 LED 1W 4000K 12°x36°
T4000ELC00 1 LED 1W 6000K 12°x36°
electronic 24Vdc

T409908 Recessing box

Naiade 55 drive-over

Naiade 55 drive-over

Naiade 55 drive-over

Naiade 55 drive-over

Naiade 55 drive-over

Naiade 55 drive-over

Naiade 55 drive-over

Naiade 55 drive-over

Naiade 55 drive-over

Naiade 55 drive-over

Naiade 55 drive-over

Naiade 55 drive-over

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Naiade 55 drive-over

Naiade 55 drive-over

Naiade 55 drive-over

Naiade 55 drive-over

Naiade 55 drive-over

Naiade 55 drive-over

Naiade 55 drive-over
Naiade 90 drive-over

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

Naiade 90 drive-over

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

T403310W00 3 LED 3,3W 3000K 10°
T403310N00 3 LED 3,3W 4000K 10°
T403310C00 3 LED 3,3W 6000K 10°
electronic 24Vdc

T403339W00 3 LED 3,3W 3000K 25°
T403339N00 3 LED 3,3W 4000K 25°
T403339C00 3 LED 3,3W 6000K 25°
electronic 24Vdc

T4033ELW00 3 LED 3,3W 3000K 35°
T4033ELN00 3 LED 3,3W 4000K 35°
T4033ELC00 3 LED 3,3W 6000K 35°
electronic 24Vdc

T409907 Recessing box

T400310W00 3 LED 3,3W 3000K 10°
T400310N00 3 LED 3,3W 4000K 10°
T400310C00 3 LED 3,3W 6000K 10°
electronic 24Vdc

T400339W00 3 LED 3,3W 3000K 25°
T400339N00 3 LED 3,3W 4000K 25°
T400339C00 3 LED 3,3W 6000K 25°
electronic 24Vdc

T4003ELW00 3 LED 3,3W 3000K 35°
T4003ELN00 3 LED 3,3W 4000K 35°
T4003ELC00 3 LED 3,3W 6000K 35°
electronic 24Vdc

T409907 Recessing box

Adjustable beam
+0° -8°

Elective power 3,7W
**Naiade 150 drive-over**

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

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

**Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>LED Type</th>
<th>CCT</th>
<th>Beam Angle</th>
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<tbody>
<tr>
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<td>4 LED 6,3W</td>
<td>3000K</td>
<td>6°</td>
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<tr>
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<td>4 LED 6,3W</td>
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<td>T403639C00</td>
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</tbody>
</table>

220/240Vac 50/60Hz electronic ballast

**Adjustable beam**
- ±15°

**Effective power**
- 7,9W

**Recessing box**

**Naiade 150 drive-over**

**Recessing box**

**Adjustable beam**
- ±15°

**Effective power**
- 7,9W

**Recessing box**

**Adjustable beam**
- ±15°

**Effective power**
- 7,9W
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

**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

---

**T409903**  Recessing box

---

**T409904**  Recessing box

---

**Specifications**

### T403910W00
- 9 LED 13.8W 3000K 6°
- 220V/240Vac 50/60Hz electronic ballast

### T403910N00
- 9 LED 13.8W 4000K 6°
- 220V/240Vac 50/60Hz electronic ballast

### T403910C00
- 9 LED 13.8W 6000K 6°
- 220V/240Vac 50/60Hz electronic ballast

### T403939W00
- 9 LED 13.8W 3000K 32°
- 220V/240Vac 50/60Hz electronic ballast

### T403939N00
- 9 LED 13.8W 4000K 32°
- 220V/240Vac 50/60Hz electronic ballast

### T403939C00
- 9 LED 13.8W 6000K 32°
- 220V/240Vac 50/60Hz electronic ballast

### T4039ELW00
- 9 LED 13.8W 3000K 6°x45°
- 220V/240Vac 50/60Hz electronic ballast

### T4039ELN00
- 9 LED 13.8W 4000K 6°x45°
- 220V/240Vac 50/60Hz electronic ballast

### T4039ELC00
- 9 LED 13.8W 6000K 6°x45°
- 220V/240Vac 50/60Hz electronic ballast

---

**Adjustable beam**

- +/- 15°

---

**Effective power**

- 15.9W

---

**CD/KLM**

- C = 0°-180°
- C = 90°-270°
Naiade 320 drive-over

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 IK10

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 IK10

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

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

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

T409901 Recessing box

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

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

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

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 to 13.3 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.
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

Aluminium cap

Diffuser in UV resistant polycarbonate

Recessing box in polymer

Recessed depth:
- Megara 90: 100mm
- Megara 150: 117mm
- Megara 220: 117mm
### Megara 90 1 light beam
Painted aluminium cap  
H=20mm  
Polycarbonate diffuser  
Static load 3000 Kg  
Recessing box supplied separately

<table>
<thead>
<tr>
<th>Model</th>
<th>LED</th>
<th>Power</th>
<th>CCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>T415300W00</td>
<td>1</td>
<td>2,5W</td>
<td>3000K</td>
</tr>
<tr>
<td>T415300N00</td>
<td>1</td>
<td>2,5W</td>
<td>4000K</td>
</tr>
<tr>
<td>T415300C00</td>
<td>1</td>
<td>2,5W</td>
<td>6000K</td>
</tr>
</tbody>
</table>

Electronic 24Vdc  
Recessing box T409907

### Megara 90 2 light beams
Painted aluminium cap  
H=20mm  
Polycarbonate diffuser  
Static load 3000 Kg  
Recessing box supplied separately

<table>
<thead>
<tr>
<th>Model</th>
<th>LED</th>
<th>Power</th>
<th>CCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>T415200W00</td>
<td>1</td>
<td>2,5W</td>
<td>3000K</td>
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<tr>
<td>T415200N00</td>
<td>1</td>
<td>2,5W</td>
<td>4000K</td>
</tr>
<tr>
<td>T415200C00</td>
<td>1</td>
<td>2,5W</td>
<td>6000K</td>
</tr>
</tbody>
</table>

Electronic 24Vdc  
Recessing box T409907

### Megara 90 4 light beams
Painted aluminium cap  
H=20mm  
Polycarbonate diffuser  
Static load 3000 Kg  
Recessing box supplied separately

<table>
<thead>
<tr>
<th>Model</th>
<th>LED</th>
<th>Power</th>
<th>CCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>T415100W00</td>
<td>1</td>
<td>2,5W</td>
<td>3000K</td>
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<tr>
<td>T415100N00</td>
<td>1</td>
<td>2,5W</td>
<td>4000K</td>
</tr>
<tr>
<td>T415100C00</td>
<td>1</td>
<td>2,5W</td>
<td>6000K</td>
</tr>
</tbody>
</table>

Electronic 24Vdc  
Recessing box T409907

### Megara 90 12 light beams
Painted aluminium cap  
H=20mm  
Polycarbonate diffuser  
Static load 3000 Kg  
Recessing box supplied separately

<table>
<thead>
<tr>
<th>Model</th>
<th>LED</th>
<th>Power</th>
<th>CCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>T415000W00</td>
<td>1</td>
<td>2,5W</td>
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<tr>
<td>T415000N00</td>
<td>1</td>
<td>2,5W</td>
<td>4000K</td>
</tr>
<tr>
<td>T415000C00</td>
<td>1</td>
<td>2,5W</td>
<td>6000K</td>
</tr>
</tbody>
</table>

Electronic 24Vdc  
Recessing box T409907
Megara 150

**Megara 150 1 light beam**
- Painted aluminium cap
- H=27mm
- Polycarbonate diffuser
- Static load 4000 Kg
- Recessing box supplied separately

<table>
<thead>
<tr>
<th>Model</th>
<th>LED Type</th>
<th>Power</th>
<th>CCT</th>
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</thead>
<tbody>
<tr>
<td>T415700W00</td>
<td>1 LED</td>
<td>5W</td>
<td>3000K</td>
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<tr>
<td>T415700N00</td>
<td>1 LED</td>
<td>5W</td>
<td>4000K</td>
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<tr>
<td>T415700C00</td>
<td>1 LED</td>
<td>5W</td>
<td>6000K</td>
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</tbody>
</table>

220/240Vac 50/60Hz electronic ballast

**Effective power** 8W

**Recessing box**

**Megara 150 2 light beams**
- Painted aluminium cap
- H=27mm
- Polycarbonate diffuser
- Static load 4000 Kg
- Recessing box supplied separately

<table>
<thead>
<tr>
<th>Model</th>
<th>LED Type</th>
<th>Power</th>
<th>CCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>T415600W00</td>
<td>1 LED</td>
<td>5W</td>
<td>3000K</td>
</tr>
<tr>
<td>T415600N00</td>
<td>1 LED</td>
<td>5W</td>
<td>4000K</td>
</tr>
<tr>
<td>T415600C00</td>
<td>1 LED</td>
<td>5W</td>
<td>6000K</td>
</tr>
</tbody>
</table>

220/240Vac 50/60Hz electronic ballast

**Effective power** 8W

**Recessing box**

**Megara 150 4 light beams**
- Painted aluminium cap
- H=27mm
- Polycarbonate diffuser
- Static load 4000 Kg
- Recessing box supplied separately

<table>
<thead>
<tr>
<th>Model</th>
<th>LED Type</th>
<th>Power</th>
<th>CCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>T415500W00</td>
<td>1 LED</td>
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<td>3000K</td>
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<tr>
<td>T415500N00</td>
<td>1 LED</td>
<td>5W</td>
<td>4000K</td>
</tr>
<tr>
<td>T415500C00</td>
<td>1 LED</td>
<td>5W</td>
<td>6000K</td>
</tr>
</tbody>
</table>

220/240Vac 50/60Hz electronic ballast

**Effective power** 8W

**Recessing box**

**Megara 150 12 light beams**
- Painted aluminium cap
- H=27mm
- Polycarbonate diffuser
- Static load 4000 Kg
- Recessing box supplied separately

<table>
<thead>
<tr>
<th>Model</th>
<th>LED Type</th>
<th>Power</th>
<th>CCT</th>
</tr>
</thead>
<tbody>
<tr>
<td>T415400W00</td>
<td>1 LED</td>
<td>5W</td>
<td>3000K</td>
</tr>
<tr>
<td>T415400N00</td>
<td>1 LED</td>
<td>5W</td>
<td>4000K</td>
</tr>
<tr>
<td>T415400C00</td>
<td>1 LED</td>
<td>5W</td>
<td>6000K</td>
</tr>
</tbody>
</table>

220/240Vac 50/60Hz electronic ballast

**Effective power** 8W

**Recessing box**
Megara 220

Megara 220 1 light beam
Painted aluminium cap
H=40mm
Poly carbonate diffuser
Static load 5000 Kg
Recessing box supplied separately

Effective power 15W

Megara 220 2 light beams
Painted aluminium cap
H=40mm
Poly carbonate diffuser
Static load 5000 Kg
Recessing box supplied separately

Effective power 15W

Megara 220 4 light beams
Painted aluminium cap
H=40mm
Poly carbonate diffuser
Static load 5000 Kg
Recessing box supplied separately

Effective power 15W

Megara 220 12 light beams
Painted aluminium cap
H=40mm
Poly carbonate diffuser
Static load 5000 Kg
Recessing box supplied separately

Effective power 15W
Rivoli

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

<table>
<thead>
<tr>
<th>Model</th>
<th>Wattage</th>
<th>Color Temperature</th>
<th>Dimmable</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>M128800</td>
<td>1x28W</td>
<td>T16 (G5)</td>
<td>non</td>
<td>1260mm</td>
</tr>
<tr>
<td>M128900</td>
<td>1x54W</td>
<td>T16 (G5)</td>
<td>non</td>
<td>1260mm</td>
</tr>
<tr>
<td>M129000</td>
<td>1x35W</td>
<td>T16 (G5)</td>
<td>non</td>
<td>1560mm</td>
</tr>
<tr>
<td>M129100</td>
<td>1x28W</td>
<td>T16 (G5)</td>
<td>dimmable</td>
<td>1260mm</td>
</tr>
<tr>
<td>M129200</td>
<td>1x54W</td>
<td>T16 (G5)</td>
<td>dimmable</td>
<td>1260mm</td>
</tr>
<tr>
<td>M129300</td>
<td>1x35W</td>
<td>T16 (G5)</td>
<td>dimmable</td>
<td>1560mm</td>
</tr>
</tbody>
</table>

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

Glass thickness 5mm
Fixing bracket and connection block supplied separately

IP65 IK10

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 pieces required per luminaire
2001Label 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 4x0.50mm² 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.
- IP Rating IP65.
- Insulation class III.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.
Label Light

**UV resistant transparent polycarbonate**

Table:

<table>
<thead>
<tr>
<th>Model</th>
<th>Power</th>
<th>Color Temperature</th>
<th>Lumens</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL704550K0</td>
<td>5.8W</td>
<td>2900K</td>
<td>320</td>
<td>320mm</td>
</tr>
<tr>
<td>NL704550T0</td>
<td>5.8W</td>
<td>4500K</td>
<td>36.2</td>
<td>36.5mm</td>
</tr>
<tr>
<td>NL704650K0</td>
<td>8.7W</td>
<td>2900K</td>
<td>460</td>
<td>460mm</td>
</tr>
<tr>
<td>NL704650T0</td>
<td>8.3W</td>
<td>4500K</td>
<td>36.3</td>
<td>36.5mm</td>
</tr>
<tr>
<td>NL704750K0</td>
<td>15.5W</td>
<td>2900K</td>
<td>850</td>
<td>850mm</td>
</tr>
<tr>
<td>NL704750T0</td>
<td>15.5W</td>
<td>4500K</td>
<td>36.5</td>
<td>36.5mm</td>
</tr>
<tr>
<td>NL704850K0</td>
<td>22.2W</td>
<td>2900K</td>
<td>1250</td>
<td>1250mm</td>
</tr>
<tr>
<td>NL704850T0</td>
<td>22.2W</td>
<td>4500K</td>
<td>36.5</td>
<td>36.5mm</td>
</tr>
<tr>
<td>NL704950K0</td>
<td>29.1W</td>
<td>2900K</td>
<td>1640</td>
<td>1640mm</td>
</tr>
<tr>
<td>NL704950T0</td>
<td>29.1W</td>
<td>4500K</td>
<td>36.5</td>
<td>36.5mm</td>
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</table>

28Vac power supply

Transformer Models:

<table>
<thead>
<tr>
<th>Model</th>
<th>Power</th>
<th>Volts</th>
<th>VA</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL99490</td>
<td>Transformer 50VA</td>
<td>28Vac</td>
<td>IP65</td>
</tr>
<tr>
<td>NL86870</td>
<td>Transformer 150VA</td>
<td>28Vac</td>
<td>IP65</td>
</tr>
<tr>
<td>NL87770</td>
<td>Transformer 250VA</td>
<td>28Vac</td>
<td>IP65</td>
</tr>
<tr>
<td>NL88690</td>
<td>Transformer 400VA</td>
<td>28Vac</td>
<td>IP65</td>
</tr>
</tbody>
</table>

Maximum number of fixtures per transformer:

<table>
<thead>
<tr>
<th>Label 320</th>
<th>Label 460</th>
<th>Label 850</th>
<th>Label 1250</th>
<th>Label 1640</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>5</td>
<td>2</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>20</td>
<td>15</td>
<td>8</td>
<td>5</td>
<td>3</td>
</tr>
<tr>
<td>35</td>
<td>25</td>
<td>13</td>
<td>9</td>
<td>6</td>
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<tr>
<td>48</td>
<td>30</td>
<td>18</td>
<td>12</td>
<td>8</td>
</tr>
</tbody>
</table>

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80
**Label Light**

**Label Light RGB**
- UV resistant transparent polycarbonate
- IP65
- 16,7 M

<table>
<thead>
<tr>
<th>Model</th>
<th>Power (W)</th>
<th>P.max</th>
<th>LED Type</th>
<th>Length (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL75310</td>
<td>6,7</td>
<td>RGB</td>
<td>L=450mm</td>
<td></td>
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<tr>
<td>NL75320</td>
<td>13,0</td>
<td>RGB</td>
<td>L=840mm</td>
<td></td>
</tr>
<tr>
<td>NL75340</td>
<td>21</td>
<td>RGB</td>
<td>L=1230mm</td>
<td></td>
</tr>
<tr>
<td>NL75350</td>
<td>23,5</td>
<td>RGB</td>
<td>L=1430mm</td>
<td></td>
</tr>
<tr>
<td>NL75360</td>
<td>26,0</td>
<td>RGB</td>
<td>L=1630mm</td>
<td></td>
</tr>
</tbody>
</table>

LED power supply: 24 Vdc PWM

Connecting diagram see pag. 286

**Label 450 Label 840 Label 1230 Label 1430 Label 1630**

<table>
<thead>
<tr>
<th>Power (W)</th>
<th>Label 450</th>
<th>Label 840</th>
<th>Label 1230</th>
<th>Label 1430</th>
<th>Label 1630</th>
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<tbody>
<tr>
<td>6,7</td>
<td>8</td>
<td>4</td>
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<td>2</td>
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<td>13,0</td>
<td>12</td>
<td>6</td>
<td>4</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

Maximum n° of fixtures per LED driver.

**Label 450**
- 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 840**
- 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.

**Label 1230**
- NL19031 9V/350mA ballast with mini USB connector for DSC30
- NL7830 50cm-long Cable with HE10 connector for connection to a keyboard
LineaLed

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°C.
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

@ aluminium

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

24Vdc power supply

<table>
<thead>
<tr>
<th>Model</th>
<th>Power</th>
<th>Colour Temperature</th>
<th>Dimmable</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL739BVSK0</td>
<td>5W</td>
<td>3000K</td>
<td>dimmable</td>
<td>L=618mm</td>
</tr>
<tr>
<td>NL739BVSW0</td>
<td>5W</td>
<td>5000K</td>
<td>dimmable</td>
<td>L=618mm</td>
</tr>
<tr>
<td>NL7419VSK0</td>
<td>8W</td>
<td>3000K</td>
<td>dimmable</td>
<td>L=978mm</td>
</tr>
<tr>
<td>NL7419VSW0</td>
<td>8W</td>
<td>5000K</td>
<td>dimmable</td>
<td>L=978mm</td>
</tr>
</tbody>
</table>

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<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL62040</td>
<td>Ballast 40W 24 Vdc</td>
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<tr>
<td>NL89080</td>
<td>Ballast 70W 24 Vdc</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>NL62880</td>
<td>Ballast 100W 24 Vdc</td>
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<td></td>
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<tr>
<td>NL76670</td>
<td>Recessing box L=622mm</td>
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<tr>
<td>NL76680</td>
<td>Recessing box L=982mm</td>
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<tr>
<td>NL75810</td>
<td>Connection bracket for recessed housing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NL74890</td>
<td>1.5mm-thick end piece for recessed housing (Pair)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NL10446</td>
<td>Connector stopper</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

IP65/67 ⚡ ⚠️

LineaLed 618 | LineaLed 978
---|---
6 | 4
12 | 7
16 | 10

maximum n° of fixtures per ballast.

86
LineaLed RGB

@ aluminium

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

Connecting diagram see pag. 286

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Power</th>
<th>Dimmable</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL76480</td>
<td>7.2W RGB dimmable</td>
<td>47.5mm</td>
<td>618mm</td>
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</tr>
<tr>
<td>NL76490</td>
<td>12W RGB dimmable</td>
<td>47.5mm</td>
<td>978mm</td>
<td></td>
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</tbody>
</table>

24Vdc power supply

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL81260</td>
<td>LED driver NLX 2-70 IP65 70W 24Vdc PWM</td>
</tr>
<tr>
<td>NL84100</td>
<td>LED driver NLX 2-70 IP65 70W 24Vdc PWM</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL19030</td>
<td>DSC 30 USB interfaced DMX stand alone</td>
</tr>
<tr>
<td>NL19031</td>
<td>9V/350mA ballast with mini USB connector for DSC 30</td>
</tr>
<tr>
<td>NL7833</td>
<td>50cm-long Cable with HE10 connector for connection to a keyboard</td>
</tr>
</tbody>
</table>

Connecting diagram see pag. 286

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL76670</td>
<td>Recessing box</td>
</tr>
<tr>
<td>NL76680</td>
<td>Recessing box</td>
</tr>
<tr>
<td>NL75810</td>
<td>Connection bracket for recessed housing</td>
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<td>NL10446</td>
<td>Connector stopper</td>
</tr>
</tbody>
</table>

IP65/67 16,7 M

Connecting diagram see pag. 286

<table>
<thead>
<tr>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>Linea Led Connector stopper</td>
</tr>
<tr>
<td>Recessed housing</td>
</tr>
<tr>
<td>End piece for recessed housing</td>
</tr>
<tr>
<td>Connection bracket for recessed housing</td>
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Connecting diagram see pag. 286

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<tr>
<td>Connection bracket for recessed housing</td>
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</tr>
</tbody>
</table>
Twirl, Università Statale di Milano, Milan - IT   Lighting Design: Zaha Hadid Architects
**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
- 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°C.
- 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
- 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

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

Components needed for dimming are available upon request.

Components needed for dimming are available upon request.

Components needed for dimming are available upon request.

Loop in – loop out connection of fixtures to the ballast

Linealed 300 mm Linealed 500 mm Linealed 780 mm Linealed 978 mm

maximum n° of fixtures per ballast.

<table>
<thead>
<tr>
<th>Linealed</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Linealed</td>
<td>Ballast 40W</td>
<td>24 Vdc</td>
<td>IP67</td>
</tr>
<tr>
<td>NL62040</td>
<td>Ballast 70W</td>
<td>24 Vdc</td>
<td>IP67</td>
</tr>
<tr>
<td>NL89080</td>
<td>Ballast 150W</td>
<td>24 Vdc</td>
<td>IP67</td>
</tr>
<tr>
<td>NL62880</td>
<td>Recessing box</td>
<td>L=305mm</td>
<td></td>
</tr>
<tr>
<td>NL7325H0</td>
<td>Recessing box</td>
<td>L=505mm</td>
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<tr>
<td>NL7326H0</td>
<td>Recessing box</td>
<td>L=785mm</td>
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</tr>
<tr>
<td>NL7327H0</td>
<td>Recessing box</td>
<td>L=983mm</td>
<td></td>
</tr>
<tr>
<td>NL7328H0</td>
<td>Connection bracket for recessed housing</td>
<td></td>
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<tr>
<td>NL75810</td>
<td>1.5mm-thick end caps for recessed housing</td>
<td></td>
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</tr>
<tr>
<td>NL10446</td>
<td>Connector stopper</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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

Components needed for dimming are available upon request.

24Vdc power supply

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

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

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.

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.

Components needed for dimming are available upon request.

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.

Components needed for dimming are available upon request.
- 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 version 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 IP65

**UV resistant transparent polycarbonate**

<table>
<thead>
<tr>
<th>Component Code</th>
<th>Wattage</th>
<th>CCT</th>
<th>Lumens</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL17400VTK0</td>
<td>2W</td>
<td>3000K</td>
<td>540</td>
</tr>
<tr>
<td>NL17400VTW0</td>
<td>2W</td>
<td>4000K</td>
<td>540</td>
</tr>
<tr>
<td>NL17401VTK0</td>
<td>3W</td>
<td>3000K</td>
<td>780</td>
</tr>
<tr>
<td>NL17401VTW0</td>
<td>3W</td>
<td>4000K</td>
<td>780</td>
</tr>
<tr>
<td>NL17402VTK0</td>
<td>4W</td>
<td>3000K</td>
<td>1020</td>
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<tr>
<td>NL17402VTW0</td>
<td>4W</td>
<td>4000K</td>
<td>1020</td>
</tr>
</tbody>
</table>

24Vdc power supply

Components needed for dimming are available upon request.

- **NL62040** Ballast 40W 24Vdc
- **NL89080** Ballast 70W 24Vdc
- **NL62880** Ballast 150W 24Vdc
- **NL89090** Fixing bracket
- **NL88520** Fixing bracket
- **NL86610** Fixing bracket

### Riga 540 / 780 / 1020

Maximum number of fixtures per ballast:

- **Riga 540**: 15
- **Riga 780**: 25
- **Riga 1020**: 60

Maximum number of fixtures per ballast:

- **Riga 540**: 10
- **Riga 780**: 18
- **Riga 1020**: 40

Maximum n° of fixtures per ballast:

- **Riga 540**: 8
- **Riga 780**: 14
- **Riga 1020**: 30
**Riga**

- **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

- **NL89090** Fixing bracket
- **NL88520** Fixing bracket
- **NL86610** Fixing bracket

<table>
<thead>
<tr>
<th>Riga 520</th>
<th>Riga 750</th>
<th>Riga 980</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>7</td>
<td>5</td>
</tr>
<tr>
<td>14</td>
<td>9</td>
<td>7</td>
</tr>
</tbody>
</table>

n° max. apparecchi per LED driver.

**Connecting diagram see pag. 286**

**Riga RGB IP65**

- UV resistant transparent polycarbonate

**IP65 IP 65**

**16,7 M**

Connecting diagram see pag. 286
Spike

• 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.
Spike

**Spot optic**
Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

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

**Flood optic**
Wide luminous flow suitable for lighting large areas.

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

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

Components needed for dimming are available upon request.

NL50001
8,4W 3000K dimmable 10° L=300mm
NL50001W002
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.

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.

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.

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.

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

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

Spike 300
Spike 500
Spike 800
Spike 1000
3 2 1 1
7 3 2 1
15 7 5 3
maximum nº of fixtures per ballast.
Spike

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

IP65 - IP67 16,7 M

Connecting diagram see pag. 286

<table>
<thead>
<tr>
<th>Model</th>
<th>Power</th>
<th>max</th>
<th>Color</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL500311OC002</td>
<td>25,2W</td>
<td>P.max</td>
<td>RGB</td>
<td>L=780mm</td>
</tr>
<tr>
<td>NL500313OC002</td>
<td>25,2W</td>
<td>P.max</td>
<td>RGB</td>
<td>L=780mm</td>
</tr>
<tr>
<td>NL500314OC002</td>
<td>25,2W</td>
<td>P.max</td>
<td>RGB</td>
<td>L=780mm</td>
</tr>
<tr>
<td>NL50031VSC002</td>
<td>25,2W</td>
<td>P.max</td>
<td>RGB</td>
<td>L=1500mm</td>
</tr>
<tr>
<td>NL500321OC002</td>
<td>50,4W</td>
<td>P.max</td>
<td>RGB</td>
<td>L=1500mm</td>
</tr>
<tr>
<td>NL500323OC002</td>
<td>50,4W</td>
<td>P.max</td>
<td>RGB</td>
<td>L=1500mm</td>
</tr>
<tr>
<td>NL500324OC002</td>
<td>50,4W</td>
<td>P.max</td>
<td>RGB</td>
<td>L=1500mm</td>
</tr>
<tr>
<td>NL50032VSC002</td>
<td>50,4W</td>
<td>P.max</td>
<td>RGB</td>
<td>L=1500mm</td>
</tr>
</tbody>
</table>

24 Vdc PWM power supply

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL81260</td>
<td>LED driver NLX 2-70 IP65 70W 24Vdc PWM</td>
</tr>
<tr>
<td>NL84100</td>
<td>LED driver NLX 2-100 IP65 100W 24Vdc PWM</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL19030</td>
<td>DSC 30 USB interfaced DMX stand alone</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL19031</td>
<td>9V/350mA ballast with mini USB connector for DSC30</td>
</tr>
<tr>
<td>NL7833</td>
<td>50cm-long Cable with HE10 connector for connection to a keyboard</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Antidazzle screen</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL50035</td>
</tr>
<tr>
<td>NL50036</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spike RGB 780</td>
<td>Spike RGB 1500</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>1</td>
</tr>
</tbody>
</table>

Maximum n° of fixtures per LED driver.
• 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

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

24Vdc power supply

Components needed for dimming are available upon request.

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Light Output</th>
<th>Dimmable</th>
<th>L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL7166010K0</td>
<td>50.4W</td>
<td>3000K</td>
<td>10°</td>
<td>750</td>
</tr>
<tr>
<td>NL7166010W0</td>
<td>50.4W</td>
<td>4000K</td>
<td>10°</td>
<td>750</td>
</tr>
<tr>
<td>NL7167010K0</td>
<td>67.2W</td>
<td>3000K</td>
<td>10°</td>
<td>975</td>
</tr>
<tr>
<td>NL7167010W0</td>
<td>67.2W</td>
<td>4000K</td>
<td>10°</td>
<td>975</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Light Output</th>
<th>Dimmable</th>
<th>L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL7166025K0</td>
<td>50.4W</td>
<td>3000K</td>
<td>25°</td>
<td>750</td>
</tr>
<tr>
<td>NL7166025W0</td>
<td>50.4W</td>
<td>4000K</td>
<td>25°</td>
<td>750</td>
</tr>
<tr>
<td>NL7167025K0</td>
<td>67.2W</td>
<td>3000K</td>
<td>25°</td>
<td>975</td>
</tr>
<tr>
<td>NL7167025W0</td>
<td>67.2W</td>
<td>4000K</td>
<td>25°</td>
<td>975</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Light Output</th>
<th>Dimmable</th>
<th>L (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL7166040K0</td>
<td>50.4W</td>
<td>3000K</td>
<td>40°</td>
<td>750</td>
</tr>
<tr>
<td>NL7166040W0</td>
<td>50.4W</td>
<td>4000K</td>
<td>40°</td>
<td>750</td>
</tr>
<tr>
<td>NL7167040K0</td>
<td>67.2W</td>
<td>3000K</td>
<td>40°</td>
<td>975</td>
</tr>
<tr>
<td>NL7167040W0</td>
<td>67.2W</td>
<td>4000K</td>
<td>40°</td>
<td>975</td>
</tr>
</tbody>
</table>

Components needed for dimming are available upon request.

- NL89080 Ballast 70W 24 Vdc
- NL62880 Ballast 150W 24 Vdc

**Super Spike 750**
- 1

**Super Spike 975**
- 2

Maximum number of fixtures per ballast.
Superspike

Superspike
silver grey
Extruded aluminium profile
3mm thick transparent tempered glass
Driver RGB 24Vdc PWM fornito a parte
IP65 16,7 M

Connecting diagram
see pag. 286

<table>
<thead>
<tr>
<th>Model</th>
<th>Power (W)</th>
<th>Max RGB</th>
<th>Length (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL756510C0</td>
<td>50.4</td>
<td>RGB</td>
<td>750</td>
</tr>
<tr>
<td>NL756525C0</td>
<td>50.4</td>
<td>RGB</td>
<td>750</td>
</tr>
<tr>
<td>NL756540C0</td>
<td>50.4</td>
<td>RGB</td>
<td>750</td>
</tr>
<tr>
<td>NL756610C0</td>
<td>100.8</td>
<td>RGB</td>
<td>1450</td>
</tr>
<tr>
<td>NL756625C0</td>
<td>100.8</td>
<td>RGB</td>
<td>1450</td>
</tr>
<tr>
<td>NL756640C0</td>
<td>100.8</td>
<td>RGB</td>
<td>1450</td>
</tr>
</tbody>
</table>

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.

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

Connecting diagram see pag. 286

Super Spike RGB 750 Super Spike RGB 1450

1 1

Maximum n° of fixtures per LED driver.
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**

<table>
<thead>
<tr>
<th>Model</th>
<th>Wattage</th>
<th>Color</th>
<th>Length</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL50026VSK006</td>
<td>2W</td>
<td>3000K dimmable</td>
<td>256mm</td>
<td>white</td>
</tr>
<tr>
<td>NL50026VSK004</td>
<td>2W</td>
<td>4000K dimmable</td>
<td>256mm</td>
<td>black</td>
</tr>
<tr>
<td>NL50026VSW006</td>
<td>2W</td>
<td>3000K dimmable</td>
<td>256mm</td>
<td>white</td>
</tr>
<tr>
<td>NL50026VSW004</td>
<td>2W</td>
<td>4000K dimmable</td>
<td>256mm</td>
<td>black</td>
</tr>
<tr>
<td>NL50014VSK006</td>
<td>5W</td>
<td>4000K dimmable</td>
<td>616mm</td>
<td>white</td>
</tr>
<tr>
<td>NL50014VSK004</td>
<td>5W</td>
<td>3000K dimmable</td>
<td>616mm</td>
<td>black</td>
</tr>
<tr>
<td>NL50014VSW006</td>
<td>5W</td>
<td>4000K dimmable</td>
<td>616mm</td>
<td>white</td>
</tr>
<tr>
<td>NL50014VSW004</td>
<td>5W</td>
<td>3000K dimmable</td>
<td>616mm</td>
<td>black</td>
</tr>
<tr>
<td>NL50015VSK006</td>
<td>8W</td>
<td>4000K dimmable</td>
<td>976mm</td>
<td>white</td>
</tr>
<tr>
<td>NL50015VSK004</td>
<td>8W</td>
<td>3000K dimmable</td>
<td>976mm</td>
<td>black</td>
</tr>
<tr>
<td>NL50015VSW006</td>
<td>8W</td>
<td>4000K dimmable</td>
<td>976mm</td>
<td>white</td>
</tr>
<tr>
<td>NL50015VSW004</td>
<td>8W</td>
<td>4000K dimmable</td>
<td>976mm</td>
<td>black</td>
</tr>
</tbody>
</table>

24Vdc power supply

Components needed for dimming are available upon request.

<table>
<thead>
<tr>
<th>Model</th>
<th>Wattage</th>
<th>Color</th>
<th>Length</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL62040</td>
<td>40W</td>
<td></td>
<td></td>
<td>Ballast</td>
</tr>
<tr>
<td>NL89080</td>
<td>70W</td>
<td></td>
<td></td>
<td>Ballast</td>
</tr>
<tr>
<td>NL62880</td>
<td>150W</td>
<td></td>
<td></td>
<td>Ballast</td>
</tr>
</tbody>
</table>

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

**Percorso end pieces (Dx Sx)**

<table>
<thead>
<tr>
<th>Model</th>
<th>Color</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL50025006</td>
<td>white</td>
<td></td>
</tr>
<tr>
<td>NL50025004</td>
<td>black</td>
<td></td>
</tr>
</tbody>
</table>

**Percorso pair of end pieces for external recessed housing**

<table>
<thead>
<tr>
<th>Model</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL50024</td>
<td></td>
</tr>
</tbody>
</table>

**Connector stopper**

256/616/976 **Effective power**

90°

8 12 7

20 16 10

maximum n° of fixtures per ballast.
Naiade downlight
• 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.
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

ø 203 ±2 mm

**Naiade 320 downlight**
Recessed depth 116 mm

ø 300 ±2 mm

ø 304 ±2 mm
Naiade 55 downlight

Naiade 55 downlight
Round aluminium
Painted aluminium ring (3mm)
Glass thickness 8 mm
Installation with built-in springs
IP65/67 IK10

Naiade 55 downlight
Round steel
AISI 316 stainless steel ring (3mm)
Glass thickness 8 mm
Installation with built-in springs
IP65/67 IK10

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

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

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

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

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

**T4080ELW00** 1 LED 1W 3000K 12°x36°
T4080ELN00 1 LED 1W 4000K 12°x36°
T4080ELC00 1 LED 1W 6000K 12°x36°
electronic 24Vdc
Naiade 55 downlight

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

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

### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>LED Type</th>
<th>Power</th>
<th>Color Temp</th>
<th>Beam Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>T406110W00</td>
<td>1 LED</td>
<td>1W</td>
<td>3000K</td>
<td>11°</td>
</tr>
<tr>
<td>T406110N00</td>
<td>1 LED</td>
<td>1W</td>
<td>4000K</td>
<td>11°</td>
</tr>
<tr>
<td>T406110C00</td>
<td>1 LED</td>
<td>1W</td>
<td>6000K</td>
<td>11°</td>
</tr>
<tr>
<td>T406139W00</td>
<td>1 LED</td>
<td>1W</td>
<td>3000K</td>
<td>30°</td>
</tr>
<tr>
<td>T406139N00</td>
<td>1 LED</td>
<td>1W</td>
<td>4000K</td>
<td>30°</td>
</tr>
<tr>
<td>T406139C00</td>
<td>1 LED</td>
<td>1W</td>
<td>6000K</td>
<td>30°</td>
</tr>
<tr>
<td>T4061ELW00</td>
<td>1 LED</td>
<td>1W</td>
<td>3000K</td>
<td>12°x36°</td>
</tr>
<tr>
<td>T4061ELN00</td>
<td>1 LED</td>
<td>1W</td>
<td>4000K</td>
<td>12°x36°</td>
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<tr>
<td>T4061ELC00</td>
<td>1 LED</td>
<td>1W</td>
<td>6000K</td>
<td>12°x36°</td>
</tr>
</tbody>
</table>

Electronic 24Vdc

<table>
<thead>
<tr>
<th>Model</th>
<th>LED Type</th>
<th>Power</th>
<th>Color Temp</th>
<th>Beam Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>T406010W00</td>
<td>1 LED</td>
<td>1W</td>
<td>3000K</td>
<td>11°</td>
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<tr>
<td>T406010N00</td>
<td>1 LED</td>
<td>1W</td>
<td>4000K</td>
<td>11°</td>
</tr>
<tr>
<td>T406010C00</td>
<td>1 LED</td>
<td>1W</td>
<td>6000K</td>
<td>11°</td>
</tr>
<tr>
<td>T406039W00</td>
<td>1 LED</td>
<td>1W</td>
<td>3000K</td>
<td>30°</td>
</tr>
<tr>
<td>T406039N00</td>
<td>1 LED</td>
<td>1W</td>
<td>4000K</td>
<td>30°</td>
</tr>
<tr>
<td>T406039C00</td>
<td>1 LED</td>
<td>1W</td>
<td>6000K</td>
<td>30°</td>
</tr>
<tr>
<td>T4060ELW00</td>
<td>1 LED</td>
<td>1W</td>
<td>3000K</td>
<td>12°x36°</td>
</tr>
<tr>
<td>T4060ELN00</td>
<td>1 LED</td>
<td>1W</td>
<td>4000K</td>
<td>12°x36°</td>
</tr>
<tr>
<td>T4060ELC00</td>
<td>1 LED</td>
<td>1W</td>
<td>6000K</td>
<td>12°x36°</td>
</tr>
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</table>

Effective power 1.44W

<table>
<thead>
<tr>
<th>Model</th>
<th>Beam Angle</th>
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</thead>
<tbody>
<tr>
<td>T406110W00</td>
<td>11°</td>
</tr>
<tr>
<td>T406110N00</td>
<td>11°</td>
</tr>
<tr>
<td>T406110C00</td>
<td>11°</td>
</tr>
<tr>
<td>T406139W00</td>
<td>30°</td>
</tr>
<tr>
<td>T406139N00</td>
<td>30°</td>
</tr>
<tr>
<td>T406139C00</td>
<td>30°</td>
</tr>
<tr>
<td>T4061ELW00</td>
<td>12°x36°</td>
</tr>
<tr>
<td>T4061ELN00</td>
<td>12°x36°</td>
</tr>
<tr>
<td>T4061ELC00</td>
<td>12°x36°</td>
</tr>
<tr>
<td>T406010W00</td>
<td>11°</td>
</tr>
<tr>
<td>T406010N00</td>
<td>11°</td>
</tr>
<tr>
<td>T406010C00</td>
<td>11°</td>
</tr>
<tr>
<td>T406039W00</td>
<td>30°</td>
</tr>
<tr>
<td>T406039N00</td>
<td>30°</td>
</tr>
<tr>
<td>T406039C00</td>
<td>30°</td>
</tr>
<tr>
<td>T4060ELW00</td>
<td>12°x36°</td>
</tr>
<tr>
<td>T4060ELN00</td>
<td>12°x36°</td>
</tr>
<tr>
<td>T4060ELC00</td>
<td>12°x36°</td>
</tr>
</tbody>
</table>
Naiade 90 downlight

Tiempo 8310W00 3 LED 3,3W 3000K 10°
Tiempo 8310N00 3 LED 3,3W 4000K 10°
Tiempo 8310C00 3 LED 3,3W 6000K 10°
electronic 24Vdc

Tiempo 8339W00 3 LED 3,3W 3000K 25°
Tiempo 8339N00 3 LED 3,3W 4000K 25°
Tiempo 8339C00 3 LED 3,3W 6000K 25°
electronic 24Vdc

Tiempo 83ELW00 3 LED 3,3W 3000K 35°
Tiempo 83ELN00 3 LED 3,3W 4000K 35°
Tiempo 83ELC00 3 LED 3,3W 6000K 35°
electronic 24Vdc
Naiade 90 downlight

**Naiade 90 downlight**

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

**IP65/67 IK10**

---

**T406310W00** 3 LED 3,3W 3000K 10°
- Electronic 24Vdc

**T406310N00** 3 LED 3,3W 4000K 10°

**T406310C00** 3 LED 3,3W 6000K 10°

---

**T406339W00** 3 LED 3,3W 3000K 25°
- Electronic 24Vdc

**T406339N00** 3 LED 3,3W 4000K 25°

**T406339C00** 3 LED 3,3W 6000K 25°

---

**T4063ELW00** 3 LED 3,3W 3000K 35°
- Electronic 24Vdc

**T4063ELN00** 3 LED 3,3W 4000K 35°

**T4063ELC00** 3 LED 3,3W 6000K 35°

---

**Naiade 90 downlight**

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

**IP65/67 IK10**

---

**T406210W00** 3 LED 3,3W 3000K 10°
- Electronic 24Vdc

**T406210N00** 3 LED 3,3W 4000K 10°

**T406210C00** 3 LED 3,3W 6000K 10°

---

**T406239W00** 3 LED 3,3W 3000K 25°
- Electronic 24Vdc

**T406239N00** 3 LED 3,3W 4000K 25°

**T406239C00** 3 LED 3,3W 6000K 25°

---

**T4062ELW00** 3 LED 3,3W 3000K 35°
- Electronic 24Vdc

**T4062ELN00** 3 LED 3,3W 4000K 35°

**T4062ELC00** 3 LED 3,3W 6000K 35°

---

**Effective power**
- 3,7W

**Cd/Klm**
- C = 0°-180°
- C = 90°-270°

---

**Adjustable beam**
- +0° -8°
Naiade 150 downlight

Naiade 150 downlight
Round aluminium
Painted aluminium ring (3mm)
Aluminium secondary frame
Glass thickness 8 mm
Installation with built-in brackets

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

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

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

Naiade 150 downlight
Round steel
AISI 316 stainless steel ring (3mm)
Aluminium secondary frame
Installation with built-in brackets

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

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

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
Naiade 150 downlight

**Naiade 150 downlight**

Square aluminium
- Painted aluminium ring (3mm)
- Aluminium secondary frame
- Glass thickness 8 mm
- Installation with built-in brackets

**IP65/67 IK10**

<table>
<thead>
<tr>
<th>Model</th>
<th>LED Type</th>
<th>Power</th>
<th>Colour Temperature</th>
<th>Beam Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>T406510W00</td>
<td>4 LED</td>
<td>6.3W</td>
<td>3000K</td>
<td>6°</td>
</tr>
<tr>
<td>T406510N00</td>
<td>4 LED</td>
<td>6.3W</td>
<td>4000K</td>
<td>6°</td>
</tr>
<tr>
<td>T406510C00</td>
<td>4 LED</td>
<td>6.3W</td>
<td>6000K</td>
<td>6°</td>
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</table>

220-240Vac 50-60Hz electronic ballast

<table>
<thead>
<tr>
<th>Model</th>
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<th>Power</th>
<th>Colour Temperature</th>
<th>Beam Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>T406539W00</td>
<td>4 LED</td>
<td>6.3W</td>
<td>3000K</td>
<td>32°</td>
</tr>
<tr>
<td>T406539N00</td>
<td>4 LED</td>
<td>6.3W</td>
<td>4000K</td>
<td>32°</td>
</tr>
<tr>
<td>T406539C00</td>
<td>4 LED</td>
<td>6.3W</td>
<td>6000K</td>
<td>32°</td>
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220-240Vac 50-60Hz electronic ballast

<table>
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<tr>
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<tbody>
<tr>
<td>T4065ELW00</td>
<td>4 LED</td>
<td>6.3W</td>
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<td>6°x45°</td>
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<td>T4065ELN00</td>
<td>4 LED</td>
<td>6.3W</td>
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</tr>
<tr>
<td>T4065ELC00</td>
<td>4 LED</td>
<td>6.3W</td>
<td>6000K</td>
<td>6°x45°</td>
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220-240Vac 50-60Hz electronic ballast

<table>
<thead>
<tr>
<th>Model</th>
<th>LED Type</th>
<th>Power</th>
<th>Colour Temperature</th>
<th>Beam Angle</th>
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</thead>
<tbody>
<tr>
<td>T406410W00</td>
<td>4 LED</td>
<td>6.3W</td>
<td>3000K</td>
<td>6°</td>
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<tr>
<td>T406410N00</td>
<td>4 LED</td>
<td>6.3W</td>
<td>4000K</td>
<td>6°</td>
</tr>
<tr>
<td>T406410C00</td>
<td>4 LED</td>
<td>6.3W</td>
<td>6000K</td>
<td>6°</td>
</tr>
</tbody>
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220-240Vac 50-60Hz electronic ballast

<table>
<thead>
<tr>
<th>Model</th>
<th>LED Type</th>
<th>Power</th>
<th>Colour Temperature</th>
<th>Beam Angle</th>
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</thead>
<tbody>
<tr>
<td>T406439W00</td>
<td>4 LED</td>
<td>6.3W</td>
<td>3000K</td>
<td>32°</td>
</tr>
<tr>
<td>T406439N00</td>
<td>4 LED</td>
<td>6.3W</td>
<td>4000K</td>
<td>32°</td>
</tr>
<tr>
<td>T406439C00</td>
<td>4 LED</td>
<td>6.3W</td>
<td>6000K</td>
<td>32°</td>
</tr>
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220-240Vac 50-60Hz electronic ballast

<table>
<thead>
<tr>
<th>Model</th>
<th>LED Type</th>
<th>Power</th>
<th>Colour Temperature</th>
<th>Beam Angle</th>
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</thead>
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<tr>
<td>T4064ELW00</td>
<td>4 LED</td>
<td>6.3W</td>
<td>3000K</td>
<td>6°x45°</td>
</tr>
<tr>
<td>T4064ELN00</td>
<td>4 LED</td>
<td>6.3W</td>
<td>4000K</td>
<td>6°x45°</td>
</tr>
<tr>
<td>T4064ELC00</td>
<td>4 LED</td>
<td>6.3W</td>
<td>6000K</td>
<td>6°x45°</td>
</tr>
</tbody>
</table>

220-240Vac 50-60Hz electronic ballast
### Naiade 220 downlight

#### Round aluminium
- **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

#### Round steel
- **T408810W00**: 9 LED, 13.8W, 3000K, 6°
- **T408810N00**: 9 LED, 13.8W, 4000K, 6°
- **T408810C00**: 9 LED, 13.8W, 6000K, 6°
  - 220-240Vac 50/60Hz electronic ballast

### Specifications
- **Effective power**: 15.9W
- **Adjustable beam**: ±15°
- **Installation**: with built-in brackets
- **IP**: 65/67
- **IK**: 10
- **H m**
- **ØC0 m**
- **ØC90 m**
- **E lux**

### Dimensions
- Round aluminium: ø 203 ±2mm
- Round steel: ø 203 ±2mm

---

**130**
### Naiade 220 downlight

**Square aluminium**
- Painted aluminium ring (3mm)
- Aluminium secondary frame
- Glass thickness 8 mm
- Installation with built-in brackets

**Specifications**
- **Model:** T406710W00
  - **LEDs:** 9
  - **Power:** 13.8W
  - **Colour Temperature:** 3000K
  - **Adjustable Beam:** 6°
  - Electronic ballast

- **Model:** T406710N00
  - **LEDs:** 9
  - **Power:** 13.8W
  - **Colour Temperature:** 4000K
  - **Adjustable Beam:** 6°
  - Electronic ballast

- **Model:** T406710C00
  - **LEDs:** 9
  - **Power:** 13.8W
  - **Colour Temperature:** 6000K
  - **Adjustable Beam:** 6°
  - Electronic ballast

**Square steel**
- AISI 316 stainless steel ring (3mm)
- Aluminium secondary frame
- Glass thickness 8 mm
- Installation with built-in brackets

**Specifications**
- **Model:** T4067ELW00
  - **LEDs:** 9
  - **Power:** 13.8W
  - **Colour Temperature:** 3000K
  - **Adjustable Beam:** 6°x45°
  - Electronic ballast

- **Model:** T4067ELN00
  - **LEDs:** 9
  - **Power:** 13.8W
  - **Colour Temperature:** 4000K
  - **Adjustable Beam:** 6°x45°
  - Electronic ballast

- **Model:** T4067ELC00
  - **LEDs:** 9
  - **Power:** 13.8W
  - **Colour Temperature:** 6000K
  - **Adjustable Beam:** 6°x45°
  - Electronic ballast

---

### Naiade 220 downlight

**Specifications**
- **Model:** T406610W00
  - **LEDs:** 9
  - **Power:** 13.8W
  - **Colour Temperature:** 3000K
  - **Adjustable Beam:** 6°
  - Electronic ballast

- **Model:** T406610N00
  - **LEDs:** 9
  - **Power:** 13.8W
  - **Colour Temperature:** 4000K
  - **Adjustable Beam:** 6°
  - Electronic ballast

- **Model:** T406610C00
  - **LEDs:** 9
  - **Power:** 13.8W
  - **Colour Temperature:** 6000K
  - **Adjustable Beam:** 6°
  - Electronic ballast

**Adjustable beam:**
- **α = 6°**
- **α = 32°**
- **α = 6°x45°**
Naiade 320 downlight

Round aluminium

Painted aluminium ring (3mm)
Aluminium secondary frame
Glass thickness 8 mm
Installation with built-in brackets

220/240Vac 50/60Hz electronic ballast

Naiade 320 downlight

Round steel

Aluminium secondary frame (3mm)
Aluminium secondary frame
Glass thickness 8 mm
Installation with built-in brackets

220/240Vac 50/60Hz electronic ballast

T409310W00 16 LED 23,8W 3000K 6°
T409310N00 16 LED 23,8W 4000K 6°
T409310C00 16 LED 23,8W 6000K 6°

T409310W00 16 LED 23,8W 3000K 32°
T409310N00 16 LED 23,8W 4000K 32°
T409310C00 16 LED 23,8W 6000K 32°

T4093ELW00 16 LED 23,8W 3000K 6°x45°
T4093ELN00 16 LED 23,8W 4000K 6°x45°
T4093ELC00 16 LED 23,8W 6000K 6°x45°

T409210W00 16 LED 23,8W 3000K 6°
T409210N00 16 LED 23,8W 4000K 6°
T409210C00 16 LED 23,8W 6000K 6°

T409239W00 16 LED 23,8W 3000K 32°
T409239N00 16 LED 23,8W 4000K 32°
T409239C00 16 LED 23,8W 6000K 32°

T4092ELW00 16 LED 23,8W 3000K 6°x45°
T4092ELN00 16 LED 23,8W 4000K 6°x45°
T4092ELC00 16 LED 23,8W 6000K 6°x45°
Naiade 320 downlight

Square aluminium
Painted aluminium ring (3mm)
Aluminium secondary frame
Glass thickness 8 mm
Installation with built-in brackets

220/240Vac 50/60Hz electronic ballast

Naiade 320 downlight
Square steel
Aluminium secondary frame
Glass thickness 8 mm
Installation with built-in brackets

220/240Vac 50/60Hz electronic ballast

Adjustable beam
+15° -7°

Adjustable beam
+/- 15°

Adjustable beam
+/- 15°

Adjustable beam
+/- 15°

Effective power
27W
- 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.
- 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**

**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**
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
Orcamo 150 downlight

**Round**

- **T4130W00**: 4 LED, 6.3W, 3000K, 6°
- **T4130N00**: 4 LED, 6.3W, 4000K, 6°
- **T4130C00**: 4 LED, 6.3W, 6000K, 6°
  - 220/240Vac 50/60Hz electronic ballast

- **T41303W00**: 4 LED, 6.3W, 3000K, 32°
- **T41303N00**: 4 LED, 6.3W, 4000K, 32°
- **T41303C00**: 4 LED, 6.3W, 6000K, 32°
  - 220/240Vac 50/60Hz electronic ballast

- **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

**Square**

- **T4120W00**: 4 LED, 6.3W, 3000K, 6°
- **T4120N00**: 4 LED, 6.3W, 4000K, 6°
- **T4120C00**: 4 LED, 6.3W, 6000K, 6°
  - 220/240Vac 50/60Hz electronic ballast

- **T41203W00**: 4 LED, 6.3W, 3000K, 32°
- **T41203N00**: 4 LED, 6.3W, 4000K, 32°
- **T41203C00**: 4 LED, 6.3W, 6000K, 32°
  - 220/240Vac 50/60Hz electronic ballast

- **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

**Plate for plasterboard**

- **T409919**: Plate for plasterboard
- **T409920**: Plate for plasterboard
T413110W00 9 LED 13,8W 3000K 6° 220/240Vac 50/60Hz electronic ballast
T413110N00 9 LED 13,8W 4000K 6°
T413110C00 9 LED 13,8W 6000K 6°

T413139W00 9 LED 13,8W 3000K 32°
T413139N00 9 LED 13,8W 4000K 32°
T413139C00 9 LED 13,8W 6000K 32°

T4131ELW00 9 LED 13,8W 3000K 6°x45°
T4131ELN00 9 LED 13,8W 4000K 6°x45°
T4131ELC00 9 LED 13,8W 6000K 6°x45°

T412110W00 9 LED 13,8W 3000K 6°
T412110N00 9 LED 13,8W 4000K 6°
T412110C00 9 LED 13,8W 6000K 6°

T412139W00 9 LED 13,8W 3000K 32°
T412139N00 9 LED 13,8W 4000K 32°
T412139C00 9 LED 13,8W 6000K 32°

T4121ELW00 9 LED 13,8W 3000K 6°x45°
T4121ELN00 9 LED 13,8W 4000K 6°x45°
T4121ELC00 9 LED 13,8W 6000K 6°x45°

T409917 Plate for plasterboard

T409918 Plate for plasterboard
Orcamo 320 downlight

**Round**
- Glass thickness 8 mm
- Plate for plasterboard supplied separately

<table>
<thead>
<tr>
<th>Model</th>
<th>LED Type</th>
<th>Wattage</th>
<th>Color Temperature</th>
<th>Beam Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>T413410W00</td>
<td>16</td>
<td>23.8W</td>
<td>3000K</td>
<td>6°</td>
</tr>
<tr>
<td>T413410N00</td>
<td>16</td>
<td>23.8W</td>
<td>4000K</td>
<td>6°</td>
</tr>
<tr>
<td>T413410C00</td>
<td>16</td>
<td>23.8W</td>
<td>6000K</td>
<td>6°</td>
</tr>
<tr>
<td>T413439W00</td>
<td>16</td>
<td>23.8W</td>
<td>3000K</td>
<td>32°</td>
</tr>
<tr>
<td>T413439N00</td>
<td>16</td>
<td>23.8W</td>
<td>4000K</td>
<td>32°</td>
</tr>
<tr>
<td>T413439C00</td>
<td>16</td>
<td>23.8W</td>
<td>6000K</td>
<td>32°</td>
</tr>
</tbody>
</table>

220/240Vac 50/60Hz electronic ballast

**Square**
- Glass thickness 8 mm
- Plate for plasterboard supplied separately

<table>
<thead>
<tr>
<th>Model</th>
<th>LED Type</th>
<th>Wattage</th>
<th>Color Temperature</th>
<th>Beam Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>T412410W00</td>
<td>16</td>
<td>23.8W</td>
<td>3000K</td>
<td>6°</td>
</tr>
<tr>
<td>T412410N00</td>
<td>16</td>
<td>23.8W</td>
<td>4000K</td>
<td>6°</td>
</tr>
<tr>
<td>T412410C00</td>
<td>16</td>
<td>23.8W</td>
<td>6000K</td>
<td>6°</td>
</tr>
<tr>
<td>T412439W00</td>
<td>16</td>
<td>23.8W</td>
<td>3000K</td>
<td>32°</td>
</tr>
<tr>
<td>T412439N00</td>
<td>16</td>
<td>23.8W</td>
<td>4000K</td>
<td>32°</td>
</tr>
<tr>
<td>T412439C00</td>
<td>16</td>
<td>23.8W</td>
<td>6000K</td>
<td>32°</td>
</tr>
</tbody>
</table>

220/240Vac 50/60Hz electronic ballast

Adjustable beam +15° -7°

<table>
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<tr>
<th>Model</th>
<th>LED Type</th>
<th>Wattage</th>
<th>Color Temperature</th>
<th>Beam Angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>T4134ELW00</td>
<td>16</td>
<td>23.8W</td>
<td>3000K</td>
<td>6° x45°</td>
</tr>
<tr>
<td>T4134ELN00</td>
<td>16</td>
<td>23.8W</td>
<td>4000K</td>
<td>6° x45°</td>
</tr>
<tr>
<td>T4134ELC00</td>
<td>16</td>
<td>23.8W</td>
<td>6000K</td>
<td>6° x45°</td>
</tr>
<tr>
<td>T4124ELW00</td>
<td>16</td>
<td>23.8W</td>
<td>3000K</td>
<td>6° x45°</td>
</tr>
<tr>
<td>T4124ELN00</td>
<td>16</td>
<td>23.8W</td>
<td>4000K</td>
<td>6° x45°</td>
</tr>
<tr>
<td>T4124ELC00</td>
<td>16</td>
<td>23.8W</td>
<td>6000K</td>
<td>6° x45°</td>
</tr>
</tbody>
</table>

220/240Vac 50/60Hz electronic ballast

Adjustable beam +15° -15°

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Plate for plasterboard

**Orcamo 320 downlight**

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139
- 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.
- 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)
Installation with built-in springs
IP65/67

Ego 55 downlight
Round steel
AISI 316 stainless steel 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

NL4200139K002 1 LED 1W 3000K 30°
NL4200139W002 1 LED 1W 4000K 30°
NL4200139Z002 1 LED 1W 6000K 30°
350mA electronic ballast

NL42001ELK002 1 LED 1W 3000K 12°x36°
NL42001ELW002 1 LED 1W 4000K 12°x36°
NL42001ELZ002 1 LED 1W 6000K 12°x36°
350mA electronic ballast

NL11022 Ballast 5W 350mA IP67 3 max
NL19019 Ballast 13W 350mA IP67 9 max

NL4200910K001 1 LED 1W 3000K 11°
NL4200910W001 1 LED 1W 4000K 11°
NL4200910Z001 1 LED 1W 6000K 11°
350mA electronic ballast

NL4200939K001 1 LED 1W 3000K 30°
NL4200939W001 1 LED 1W 4000K 30°
NL4200939Z001 1 LED 1W 6000K 30°
350mA electronic ballast

NL42009ELK001 1 LED 1W 3000K 12°x36°
NL42009ELW001 1 LED 1W 4000K 12°x36°
NL42009ELZ001 1 LED 1W 6000K 12°x36°
350mA electronic ballast

NL11022 Ballast 5W 350mA IP67 3 max
NL19019 Ballast 13W 350mA IP67 9 max
Ego 55 downlight

**Square aluminium**
- Painted aluminium ring (3mm)
- Glass thickness 4 mm
- Installation with built-in springs
- IP65/67

- **NL4200210K002**
  - 1 LED
  - 1 W
  - 3000 K
  - 11°
  - 350mA electronic ballast

- **NL4200210W002**
  - 1 LED
  - 1 W
  - 4000 K
  - 11°
  - 350mA electronic ballast

- **NL4200210Z002**
  - 1 LED
  - 1 W
  - 6000 K
  - 11°
  - 350mA electronic ballast

- **NL4200239K002**
  - 1 LED
  - 1 W
  - 3000 K
  - 30°
  - 350mA electronic ballast

- **NL4200239W002**
  - 1 LED
  - 1 W
  - 4000 K
  - 30°
  - 350mA electronic ballast

- **NL4200239Z002**
  - 1 LED
  - 1 W
  - 6000 K
  - 30°
  - 350mA electronic ballast

- **NL42002ELK002**
  - 1 LED
  - 1 W
  - 3000 K
  - 12° x 36°
  - 350mA electronic ballast

- **NL42002ELW002**
  - 1 LED
  - 1 W
  - 4000 K
  - 12° x 36°
  - 350mA electronic ballast

- **NL42002ELZ002**
  - 1 LED
  - 1 W
  - 6000 K
  - 12° x 36°
  - 350mA electronic ballast

- **NL11022**
  - Ballast
  - 5 W
  - 350 mA
  - IP67
  - 3 max

- **NL19019**
  - Ballast
  - 13 W
  - 350 mA
  - IP67
  - 9 max

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
  - 1 W
  - 3000 K
  - 11°
  - 350mA electronic ballast

- **NL4201010W001**
  - 1 LED
  - 1 W
  - 4000 K
  - 11°
  - 350mA electronic ballast

- **NL4201010Z001**
  - 1 LED
  - 1 W
  - 6000 K
  - 11°
  - 350mA electronic ballast

- **NL4201039K001**
  - 1 LED
  - 1 W
  - 3000 K
  - 30°
  - 350mA electronic ballast

- **NL4201039W001**
  - 1 LED
  - 1 W
  - 4000 K
  - 30°
  - 350mA electronic ballast

- **NL4201039Z001**
  - 1 LED
  - 1 W
  - 6000 K
  - 30°
  - 350mA electronic ballast

- **NL42010ELK001**
  - 1 LED
  - 1 W
  - 3000 K
  - 12° x 36°
  - 350mA electronic ballast

- **NL42010ELW001**
  - 1 LED
  - 1 W
  - 4000 K
  - 12° x 36°
  - 350mA electronic ballast

- **NL42010ELZ001**
  - 1 LED
  - 1 W
  - 6000 K
  - 12° x 36°
  - 350mA electronic ballast

- **NL11022**
  - Ballast
  - 5 W
  - 350 mA
  - IP67
  - 3 max

- **NL19019**
  - Ballast
  - 13 W
  - 350 mA
  - IP67
  - 9 max
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

NL4200339K002 3 LED 3,3W 3000K 25°
NL4200339W002 3 LED 3,3W 4000K 25°
NL4200339Z002 3 LED 3,3W 6000K 25°

350mA electronic ballast

NL42003ELK002 3 LED 3,3W 3000K 35°
NL42003ELW002 3 LED 3,3W 4000K 35°
NL42003ELZ002 3 LED 3,3W 6000K 35°

350mA electronic ballast

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

NL4201139K001 3 LED 3,3W 3000K 25°
NL4201139W001 3 LED 3,3W 4000K 25°
NL4201139Z001 3 LED 3,3W 6000K 25°

350mA electronic ballast

NL42011ELK001 3 LED 3,3W 3000K 35°
NL42011ELW001 3 LED 3,3W 4000K 35°
NL42011ELZ001 3 LED 3,3W 6000K 35°

350mA electronic ballast

NL11022 Ballast 5W 350mA IP67 1 max
NL19019 Ballast 13W 350mA IP67 3 max
Ego 90 downlight

Square aluminium
Painted aluminium ring (3mm)
Installation with built-in springs

350mA electronic ballast

Ego 90 downlight
Square steel
AISI 316 stainless steel ring (3mm)
Glass thickness 4 mm
Installation with built-in springs

350mA electronic ballast

---

 NL4200410K002  3 LED  3,3W  3000K  10°
 NL4200410W002  3 LED  3,3W  4000K  10°
 NL4200410Z002  3 LED  3,3W  6000K  10°

350mA electronic ballast

 NL4200439K002  3 LED  3,3W  3000K  25°
 NL4200439W002  3 LED  3,3W  4000K  25°
 NL4200439Z002  3 LED  3,3W  6000K  25°

350mA electronic ballast

 NL42004ELK002  3 LED  3,3W  3000K  35°
 NL42004ELW002  3 LED  3,3W  4000K  35°
 NL42004ELZ002  3 LED  3,3W  6000K  35°

350mA electronic ballast

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

---

 H  m  C0  m  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  40
 3.0  0.68  0.68  47

α = 10°

---

 H  m  C0  m  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  30
 3.0  1.72  1.72  26

α = 25°

---

 H  m  C0  m  C90  m  E  lux
 0.5  0.32  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°

---

 NL4201210K001  3 LED  3,3W  3000K  10°
 NL4201210W001  3 LED  3,3W  4000K  10°
 NL4201210Z001  3 LED  3,3W  6000K  10°

350mA electronic ballast

 NL4201239K001  3 LED  3,3W  3000K  25°
 NL4201239W001  3 LED  3,3W  4000K  25°
 NL4201239Z001  3 LED  3,3W  6000K  25°

350mA electronic ballast

 NL42012ELK001  3 LED  3,3W  3000K  35°
 NL42012ELW001  3 LED  3,3W  4000K  35°
 NL42012ELZ001  3 LED  3,3W  6000K  35°

350mA electronic ballast

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

---

 H  m  C0  m  C90  m  E  lux
 0.5  0.32  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°
Ego 150 downlight

Round aluminium

- Painted aluminium ring (3mm)
- Glass thickness 4 mm
- Installation with built-in springs
- IP65/67

150 mm Ø round downlight

- Aluminium
- AISI 316 stainless steel ring (3mm)
- Glass thickness 4 mm
- Installation with built-in springs
- IP65/67

Effective power: 8W

Ego 150 downlight
Ego 150 downlight

Ego 150 downlight
Square aluminium
Painted aluminium ring (3mm)
Glass thickness 4 mm
Installation with built-in springs

500mA electronic ballast

Ego 150 downlight
Square steel
AISI 316 stainless steel ring (3mm)
Glass thickness 4 mm
Installation with built-in springs

500mA electronic ballast

NL4200610K002 4 LED 6,3W 3000K 6°
NL4200610W002 4 LED 6,4W 4000K 6°
NL4200610Z002 4 LED 6,4W 6000K 6°

500mA electronic ballast

NL4200639K002 4 LED 6,4W 3000K 32°
NL4200639W002 4 LED 6,4W 4000K 32°
NL4200639Z002 4 LED 6,4W 6000K 32°

500mA electronic ballast

NL42006ELK001 4 LED 6,4W 3000K 6°x45°
NL42006ELW001 4 LED 6,4W 4000K 6°x45°
NL42006ELZ001 4 LED 6,4W 6000K 6°x45°

500mA electronic ballast

NL19022 Ballast 14W 500mA IP67 1 max
NL19026 Ballast 18W 500mA IP67 2 max
Ego 220 downlight

Round aluminium

Painted aluminium ring (3mm) Glass thickness 4 mm Installation with built-in springs

IP65/67

Ego 220 downlight Round steel

AISI 316 stainless steel ring (3mm) Glass thickness 4 mm Installation with built-in springs

IP65/67

NL4200710K002 9 LED 14.4W 3000K 6°
NL4200710V002 9 LED 14.4W 4000K 6°
NL4200710Z002 9 LED 14.4W 6000K 6°
500mA electronic ballast

NL4200739K002 9 LED 14.4W 3000K 32°
NL4200739W002 9 LED 14.4W 4000K 32°
NL4200739Z002 9 LED 14.4W 6000K 32°
500mA electronic ballast

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

NL19026 Ballast 18W 500mA IP67 1 max
Ego 220 downlight

**Square aluminium**

- Painted aluminium ring (3mm)
- Glass thickness 4 mm
- Installation with built-in springs

**Square steel**

- AISI 316 stainless steel ring (3mm)
- Glass thickness 4 mm
- Installation with built-in springs

---

**Ego 220 downlight**

**Square aluminium**

- NL4200810K002: 9 LED 14.4W 3000K 6°
- NL4200810W002: 9 LED 14.4W 4000K 6°
- NL4200810Z002: 9 LED 14.4W 6000K 6°

500mA electronic ballast

**Ego 220 downlight**

**Square steel**

- NL4200839K002: 9 LED 14.4W 3000K 32°
- NL4200839W002: 9 LED 14.4W 4000K 32°
- NL4200839Z002: 9 LED 14.4W 6000K 32°

500mA electronic ballast

---

**Ego 220 downlight**

**Square aluminium**

- 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

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**NL19026**

- Ballast 18W 500mA IP67 1 max
Ego vetro downlight

2012

h
60 mm
• 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

### Round
- *Glass thickness 4 mm*
- *Installation with built-in springs*
- **NL4201710K002**
  - 4 LED
  - 6,4W
  - 3000K
  - 6°
  - 500mA electronic ballast
- **NL4201710W002**
  - 4 LED
  - 6,4W
  - 4000K
  - 6°
  - 500mA electronic ballast
- **NL4201710Z002**
  - 4 LED
  - 6,4W
  - 6000K
  - 6°
  - 500mA electronic ballast
- **NL4201739K002**
  - 4 LED
  - 6,4W
  - 3000K
  - 32°
  - 500mA electronic ballast
- **NL4201739W002**
  - 4 LED
  - 6,4W
  - 4000K
  - 32°
  - 500mA electronic ballast
- **NL4201739Z002**
  - 4 LED
  - 6,4W
  - 6000K
  - 32°
  - 500mA electronic ballast
- **NL42017ELK002**
  - 4 LED
  - 6,4W
  - 3000K
  - 6°x45°
  - 500mA electronic ballast
- **NL42017ELW002**
  - 4 LED
  - 6,4W
  - 4000K
  - 6°x45°
  - 500mA electronic ballast
- **NL42017ELZ002**
  - 4 LED
  - 6,4W
  - 6000K
  - 6°x45°
  - 500mA electronic ballast

### Square
- *Glass thickness 4 mm*
- *Installation with built-in springs*
- **NL4201810K002**
  - 4 LED
  - 6,4W
  - 3000K
  - 6°
  - 500mA electronic ballast
- **NL4201810W002**
  - 4 LED
  - 6,4W
  - 4000K
  - 6°
  - 500mA electronic ballast
- **NL4201810Z002**
  - 4 LED
  - 6,4W
  - 6000K
  - 6°
  - 500mA electronic ballast
- **NL4201839K002**
  - 4 LED
  - 6,4W
  - 3000K
  - 32°
  - 500mA electronic ballast
- **NL4201839W002**
  - 4 LED
  - 6,4W
  - 4000K
  - 32°
  - 500mA electronic ballast
- **NL4201839Z002**
  - 4 LED
  - 6,4W
  - 6000K
  - 32°
  - 500mA electronic ballast
- **NL42018ELK002**
  - 4 LED
  - 6,4W
  - 3000K
  - 6°x45°
  - 500mA electronic ballast
- **NL42018ELW002**
  - 4 LED
  - 6,4W
  - 4000K
  - 6°x45°
  - 500mA electronic ballast
- **NL42018ELZ002**
  - 4 LED
  - 6,4W
  - 6000K
  - 6°x45°
  - 500mA electronic ballast

### Ballast
- **NL19022**
  - Ballast
  - 14W
  - 500mA
  - IP67
  - 1 max
- **NL19026**
  - Ballast
  - 18W
  - 500mA
  - IP67
  - 2 max
Ego vetro 220 downlight Round
Glass thickness 4 mm
Installation with built-in springs

NL4201910K002  9 LED  14,4W  3000K  6°
NL4201910W002  9 LED  14,4W  4000K  6°
NL4201910Z002  9 LED  14,4W  6000K  6°
500mA electronic ballast

NL4201939K002  9 LED  14,4W  3000K  32°
NL4201939W002  9 LED  14,4W  4000K  32°
NL4201939Z002  9 LED  14,4W  6000K  32°
500mA electronic ballast

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

NL19026  Ballast  18W  500mA  IP67  1 max

Ego vetro 220 downlight Square
Glass thickness 4 mm
Installation with built-in springs

NL4202010K002  9 LED  14,4W  3000K  6°
NL4202010W002  9 LED  14,4W  4000K  6°
NL4202010Z002  9 LED  14,4W  6000K  6°
500mA electronic ballast

NL4202039K002  9 LED  14,4W  3000K  32°
NL4202039W002  9 LED  14,4W  4000K  32°
NL4202039Z002  9 LED  14,4W  6000K  32°
500mA electronic ballast

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

NL19026  Ballast  18W  500mA  IP67  1 max
design
Alessandro Pedretti
(Studio Rota & Partners)
2011
• 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.
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
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<th>Dimensions</th>
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220/240Vac 50/60Hz electronic ballast

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220/240Vac 50/60Hz electronic ballast

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220/240Vac 50/60Hz electronic ballast
### Cefiso 20

**Lighting Specifiers**
- **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

- **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

- **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

**Technical Specifications**
- Effective power: 38W
- Glass thickness: 8 mm
- IP: 65
- IK: 10
- H: 0.5, 1, 1.5, 2, 2.5 m
- ØC0: 0.10, 0.19, 0.29, 0.39, 0.48 m
- ØC90: 0.10, 0.19, 0.29, 0.39, 0.48 m
- E: 55462, 13866, 6162, 3466, 2218, 1541 lux
- Effective power 38W

**Diagram**
- Diagram showing light distribution and angles for each model.

---

163
Falange

design
Wilmotte & Industries
2011
• Adjustable light fixture with direct emission, with high-performance LED light sources.
• Ground, wall, eaves installation.
• 2 sizes: 134x134, 238x134 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.
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<th>Temperature</th>
<th>Angle</th>
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**Effective power: 22W**

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**Effective power: 22W**

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<tr>
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**Effective power: 22W**

---

**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

**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**

---

**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**

---

**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**

---

**Glass thickness 10 mm**

**IP65**

**IK10**

**Effective power**

**44W**

**Cd/KlmC = 0°-180°**

**C = 90°-270°**

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**Falange 18**

![Falange 18](image)
- 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

#### 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°

#### 700mA 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

#### 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

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**Effective power**

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**Effective power**

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**Effective power**

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**Effective power**

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**Effective power**

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</table>
### Ego 7 Spot

**@ silver grey**

Glass thickness 10mm

#### NL763610K0
- 7 LED 16,8W 3000K 10°
- 700mA ballast

#### NL763610W0
- 7 LED 16,8W 4000K 10°
- 700mA ballast

#### NL763625K0
- 7 LED 16,8W 3000K 25°
- 700mA ballast

#### NL763625W0
- 7 LED 16,8W 4000K 25°
- 700mA ballast

#### NL763625K0
- 7 LED 16,8W 3000K 40°
- 700mA ballast

#### NL763625W0
- 7 LED 16,8W 4000K 40°
- 700mA ballast

#### NL19029
- Ballast 21W 700mA IP67 1 max

#### NL97150
- Picket

---

### Spot optic

Concentrated luminous flow to highlight details avoiding unwanted light dispersion.

### Medium optic

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

### Flood optic

Wide luminous flow suitable for lighting large areas.

---

<table>
<thead>
<tr>
<th>Optic</th>
<th>Effective power 21W</th>
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<tbody>
<tr>
<td>10°</td>
<td>89 Cd/KlmC = 0°-180°</td>
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<tr>
<td>20°</td>
<td>20 Cd/KlmC = 90°-270°</td>
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<tr>
<td>30°</td>
<td>110 Cd/KlmC = 0°-180°</td>
</tr>
<tr>
<td>40°</td>
<td>171 Cd/KlmC = 90°-270°</td>
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</tbody>
</table>

---

### Technical Specifications

**Effective Power**
- 7 LED 16,8W
- 3000K / 4000K
- 700mA Ballast

**Beam Angle**
- 10°, 25°, 40°

**Luminous Flux**
- Spot: 23773 lux @ 0.5m
- Medium: 14520 lux @ 1m
- Flood: 5380 lux @ 1.5m

**Lumen Efficiency**
- 23773 lux @ 2.5m
- 14520 lux @ 3m
- 5380 lux @ 4m

---

**Features**

- IP65 Protection
- Glass thickness 10mm
- Silver grey finish

---

**Images**

- 10° optic
- 25° optic
- 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.
- IP Rating IP65.
- Insulation class III.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.
Minispot

Mini Spot
© silver grey
IP65

NL702910K0 1 LED 2,2W 3000K 10°
700mA electronic ballast

NL702910W0 1 LED 2,2W 4000K 10°

NL702925K0 1 LED 2,2W 3000K 25°
NL702925W0 1 LED 2,2W 4000K 25°
550mA electronic ballast

NL702940K0 1 LED 2,2W 3000K 40°
NL702940W0 1 LED 2,2W 4000K 40°
550mA electronic ballast

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
- 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.
- IP Rating IP65.
- Insulation class III.
- Installation must be carried out by specialized personnel. Carefully follow the instructions.
Dado

© silver grey
Spot unit in anticorodal aluminium
Diffuser in transparent polycarbonate

NL734810K0  1 LED  4,4W  3000K  10°
NL734810W0  1 LED  4,4W  4000K  10°
350mA electronic ballast

NL734810K0  1 LED  4,4W  3000K  30°
NL734810W0  1 LED  4,4W  4000K  30°
350mA electronic ballast

NL734810K0  1 LED  4,4W  3000K  48x32°
NL734810W0  1 LED  4,4W  4000K  48x32°
350mA electronic ballast

NL19019  Ballast  12,6W  350mA  IP67  2 max

Calc/KlmC = 0°-180°
Calc/KlmC = 90°-270°

5200 14243
5000 4534
325 1812
208 520
77 120
50 

1300 4534
104 120
77 520

Metamorfosi kit outdoor

- 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

**stand alone**
- green
- Kit of 3 projectors + distribution board and receiver
- Dichroic filters and fixing bracket included

**synchronized**
- green
- Kit of 3 projectors + distribution board and receiver
- Distribution board-repeater and remote control supplied separately. Dichroic filters and fixing bracket included

---

**A220700**  
**HALO 3x150W (B15d) - ECO**  
220/240Vac 50/60Hz electronic ballast

**A299500**  
**Set of pickets for soft ground (4 pieces)**

---

**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)**

---

**Cd/KlmC = 0°-180°  
C = 90°-270°**
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 RJ11 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.
- 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**

**1 narrow beam**
- **T4201NW00**: 1LED, 2.05W, 3000K, 1x15°, light grey / rust
- **T4201NW10**: 1LED, 2.05W, 3000K, 1x15°, rust
- **T4201NN00**: 1LED, 2.05W, 4000K, 1x15°, light grey / rust
- **T4201NN10**: 1LED, 2.05W, 4000K, 1x15°, rust
- **T4201NC00**: 1LED, 2.05W, 6000K, 1x15°, light grey / rust
- **T4201NC10**: 1LED, 2.05W, 6000K, 1x15°, rust

220/240Vac 50/60Hz electronic ballast

**2 narrow beams**
- **T4201NW00**: 2LED, 4.12W, 3000K, 2x15°, light grey / rust
- **T4201NW10**: 2LED, 4.12W, 3000K, 2x15°, rust
- **T4201NN00**: 2LED, 4.12W, 4000K, 2x15°, light grey / rust
- **T4201NN10**: 2LED, 4.12W, 4000K, 2x15°, rust
- **T4201NC00**: 2LED, 4.12W, 6000K, 2x15°, light grey / rust
- **T4201NC10**: 2LED, 4.12W, 6000K, 2x15°, rust

220/240Vac 50/60Hz electronic ballast

**1 large beam**
- **T4201LW00**: 1LED, 2.05W, 3000K, 1x90°, light grey / rust
- **T4201LW10**: 1LED, 2.05W, 3000K, 1x90°, rust
- **T4201LN00**: 1LED, 2.05W, 4000K, 1x90°, light grey / rust
- **T4201LN10**: 1LED, 2.05W, 4000K, 1x90°, rust
- **T4201LC00**: 1LED, 2.05W, 6000K, 1x90°, light grey / rust
- **T4201LC10**: 1LED, 2.05W, 6000K, 1x90°, rust

220/240Vac 50/60Hz electronic ballast

**2 large beams**
- **T4201LW00**: 2LED, 4.12W, 3000K, 2x15°+ 1x90°, light grey / rust
- **T4201LW10**: 2LED, 4.12W, 3000K, 2x15°+ 1x90°, rust
- **T4201LN00**: 2LED, 4.12W, 4000K, 2x15°+ 1x90°, light grey / rust
- **T4201LN10**: 2LED, 4.12W, 4000K, 2x15°+ 1x90°, rust
- **T4201LC00**: 2LED, 4.12W, 6000K, 2x15°+ 1x90°, light grey / rust
- **T4201LC10**: 2LED, 4.12W, 6000K, 2x15°+ 1x90°, rust

220/240Vac 50/60Hz electronic ballast
### Effetto

**2 large beams**

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<th>LED Type</th>
<th>Power</th>
<th>CCT</th>
<th>Beam Angle</th>
<th>Color</th>
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<tbody>
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<td>2LED</td>
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<td>3000K</td>
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<td>3000K</td>
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<td>T42012LN00</td>
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<td>4.12W</td>
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<td>rust</td>
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<td>4.12W</td>
<td>6000K</td>
<td>2x90°</td>
<td>light grey</td>
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<tr>
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<td>2LED</td>
<td>4.12W</td>
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220/240Vac 50/60Hz electronic ballast

**4 large beams**

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<td>T42004LW10</td>
<td>4LED</td>
<td>8.21W</td>
<td>3000K</td>
<td>4x15°</td>
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<tr>
<td>T42004LN00</td>
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<td>8.21W</td>
<td>4000K</td>
<td>4x15°</td>
<td>light grey</td>
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<tr>
<td>T42004LN10</td>
<td>4LED</td>
<td>8.21W</td>
<td>4000K</td>
<td>4x15°</td>
<td>rust</td>
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<tr>
<td>T42004LC00</td>
<td>4LED</td>
<td>8.21W</td>
<td>6000K</td>
<td>4x15°</td>
<td>light grey</td>
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<tr>
<td>T42004LC10</td>
<td>4LED</td>
<td>8.21W</td>
<td>6000K</td>
<td>4x15°</td>
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220/240Vac 50/60Hz electronic ballast

**4 narrow beams**

<table>
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<th>LED Type</th>
<th>Power</th>
<th>CCT</th>
<th>Beam Angle</th>
<th>Color</th>
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<td>8.21W</td>
<td>3000K</td>
<td>4x15°</td>
<td>light grey</td>
</tr>
<tr>
<td>T42004NW10</td>
<td>4LED</td>
<td>8.21W</td>
<td>3000K</td>
<td>4x15°</td>
<td>rust</td>
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<tr>
<td>T42004NN10</td>
<td>4LED</td>
<td>8.21W</td>
<td>4000K</td>
<td>4x15°</td>
<td>rust</td>
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<tr>
<td>T42004NC00</td>
<td>4LED</td>
<td>8.21W</td>
<td>6000K</td>
<td>4x15°</td>
<td>light grey</td>
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<tr>
<td>T42004NC10</td>
<td>4LED</td>
<td>8.21W</td>
<td>6000K</td>
<td>4x15°</td>
<td>rust</td>
</tr>
</tbody>
</table>

220/240Vac 50/60Hz electronic ballast
The fixture is a 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.
<table>
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<th>Indirect Emission</th>
<th>Direct Emission</th>
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<td>T4190NLW00</td>
<td>1 LED 10W 3000K 90°</td>
<td>1 LED 2W 3000K 8°</td>
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<td>90°</td>
</tr>
<tr>
<td>T4190NLW10</td>
<td>1 LED 10W 3000K 90°</td>
<td>1 LED 2W 3000K 8°</td>
<td>14.3W</td>
<td>anthracite grey</td>
<td>90°</td>
</tr>
<tr>
<td>T4190NLN00</td>
<td>1 LED 10W 4000K 90°</td>
<td>1 LED 2W 4000K 8°</td>
<td>14.3W</td>
<td>light grey</td>
<td>90°</td>
</tr>
<tr>
<td>T4190NLN10</td>
<td>1 LED 10W 4000K 90°</td>
<td>1 LED 2W 4000K 8°</td>
<td>14.3W</td>
<td>anthracite grey</td>
<td>90°</td>
</tr>
<tr>
<td>T4190NLC00</td>
<td>1 LED 10W 6000K 90°</td>
<td>1 LED 2W 6000K 8°</td>
<td>14.3W</td>
<td>light grey</td>
<td>90°</td>
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<tr>
<td>T4190NLC10</td>
<td>1 LED 10W 6000K 90°</td>
<td>1 LED 2W 6000K 8°</td>
<td>14.3W</td>
<td>anthracite grey</td>
<td>90°</td>
</tr>
</tbody>
</table>

220/240Vac 50/60Hz electronic ballast
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.
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.
• 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

Prismatic glass diffuser

IP65

Niki

Opal polycarbonate diffuser

IP65

L221180  HALO max 1x52W (E27) - ECO  ○ satiny
L221190  HALO max 1x52W (E27) - ECO  ○ polished
220/240Vac 50/60Hz main voltage

L220380  FLUO 2x18W (G24d-2) - TC-D  ○ satiny
L220390  FLUO 2x18W (G24d-2) - TC-D  ○ polished
220/240Vac 50/60Hz main voltage

L220480  FLUO 2x18W (G24q-2) - TC-DEL  ○ satiny
L220490  FLUO 2x18W (G24q-2) - TC-DEL  ○ polished
220/240Vac 50/60Hz electronic ballast

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 ballast 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 ballast

L225380  FLUO 2x18W (G24d-2) - TC-D  ○ satiny
L225390  FLUO 2x18W (G24d-2) - TC-D  ○ polished
220/240Vac 50/60Hz main voltage

L225480  FLUO 2x18W (G24q-2) - TC-DEL  ○ satiny
L225490  FLUO 2x18W (G24q-2) - TC-DEL  ○ polished
220/240Vac 50/60Hz electronic ballast

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 ballast 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 ballast
Pantarei
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**

**Sanded glass diffuser**

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Wattage</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>T270230</td>
<td>HALO max 1x28W (E14) - ECO</td>
<td></td>
<td>black</td>
</tr>
<tr>
<td>T270290</td>
<td>HALO max 1x28W (E14) - ECO</td>
<td></td>
<td>silver grey</td>
</tr>
<tr>
<td>T270030</td>
<td>FLUO 1x10W (G24d-1) - TC-D</td>
<td></td>
<td>black</td>
</tr>
<tr>
<td>T270090</td>
<td>FLUO 1x10W (G24d-1) - TC-D</td>
<td></td>
<td>silver grey</td>
</tr>
<tr>
<td>T270090</td>
<td>FLUO 1x10W (G24d-1) - TC-D</td>
<td></td>
<td>silver grey</td>
</tr>
</tbody>
</table>

220/240Vac 50/60Hz main voltage

**Opal polycarbonate diffuser**

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Wattage</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>T270130</td>
<td>FLUO 1x10W (G24d-1) - TC-D</td>
<td></td>
<td>black</td>
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<tr>
<td>T270190</td>
<td>FLUO 1x10W (G24d-1) - TC-D</td>
<td></td>
<td>silver grey</td>
</tr>
<tr>
<td>T270030</td>
<td>FLUO 1x10W (G24d-1) - TC-D</td>
<td></td>
<td>black</td>
</tr>
<tr>
<td>T270090</td>
<td>FLUO 1x10W (G24d-1) - TC-D</td>
<td></td>
<td>silver grey</td>
</tr>
</tbody>
</table>

220/240Vac 50/60Hz main voltage

**Opal polycarbonate diffuser**

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Wattage</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>T273730</td>
<td>FLUO 1x10W (G24d-1) - TC-D</td>
<td></td>
<td>black</td>
</tr>
<tr>
<td>T273790</td>
<td>FLUO 1x10W (G24d-1) - TC-D</td>
<td></td>
<td>silver grey</td>
</tr>
</tbody>
</table>

220/240Vac 50/60Hz main voltage
**Pantarei 300 polycarbonate**

- **T27130** FLUO 1x26W (G24d-3) - TC-D
  - black
  - 220/240Vac 50/60Hz main voltage

- **T271390** FLUO 1x26W (G24d-3) - TC-D
  - silver grey

- **T276530** FLUO 1x26W (G24q-3) - TC-DEL
  - black
  - alimentazione elettronica 220/240Vdc 50/60Hz

- **T291330** FLUO 1x24W (2G10) - TC-FEL with emergency
  - black
  - alimentazione elettronica 220/240Vdc 50/60Hz

- **T291390** FLUO 1x24W (2G10) - TC-FEL with emergency
  - silver grey
  - alimentazione elettronica 220/240Vdc 50/60Hz

- **T271130** FLUO 2x18W (G24d-2) - TC-D
  - black
  - 220/240Vac 50/60Hz main voltage

- **T271190** FLUO 2x18W (G24d-2) - TC-D
  - silver grey

- **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
Pantarei 390

Pantarei 390
Sanded glass diffuser

- black
- silver grey

Pantarei 390
Opal polycarbonate diffuser

- black
- silver grey

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Color</th>
<th>Color</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>T273130</td>
<td>HALO max 2x60W (E27) - ECO</td>
<td>black</td>
<td>black</td>
<td>220/240 Vac 50/60 Hz</td>
</tr>
<tr>
<td>T273190</td>
<td>HALO max 2x60W (E27) - ECO</td>
<td>silver grey</td>
<td>silver grey</td>
<td>220/240 Vac 50/60 Hz</td>
</tr>
<tr>
<td>T272030</td>
<td>FLUO 2x26W (G24d-3) - TC-D</td>
<td>black</td>
<td>black</td>
<td>220/240 Vac 50/60 Hz</td>
</tr>
<tr>
<td>T272090</td>
<td>FLUO 2x26W (G24d-3) - TC-D</td>
<td>silver grey</td>
<td>silver grey</td>
<td>220/240 Vac 50/60 Hz</td>
</tr>
<tr>
<td>T293830</td>
<td>FLUO 1x24W (2G10) - TC-FEL</td>
<td>black</td>
<td>black</td>
<td>220/240 Vac 50/60 Hz</td>
</tr>
<tr>
<td>T293890</td>
<td>FLUO 1x24W (2G10) - TC-FEL</td>
<td>silver grey</td>
<td>silver grey</td>
<td>220/240 Vac 50/60 Hz</td>
</tr>
<tr>
<td>T293830</td>
<td>FLUO 1x36W (2G10) - TC-FEL with emergency</td>
<td>black</td>
<td>black</td>
<td>220/240 Vac 50/60 Hz</td>
</tr>
<tr>
<td>T293890</td>
<td>FLUO 1x36W (2G10) - TC-FEL with emergency</td>
<td>silver grey</td>
<td>silver grey</td>
<td>220/240 Vac 50/60 Hz</td>
</tr>
<tr>
<td>T278230</td>
<td>70 LED 25W 4000K</td>
<td>black</td>
<td>black</td>
<td>alimentazione elettronica 220/240 Vac 50/60 Hz</td>
</tr>
<tr>
<td>T278290</td>
<td>70 LED 25W 4000K</td>
<td>silver grey</td>
<td>silver grey</td>
<td>alimentazione elettronica 220/240 Vac 50/60 Hz</td>
</tr>
</tbody>
</table>

- black
- silver grey

- IP65
Dioscuri
Michele De Lucchi
1999

Awards:
- Reddot Design Awards 2000 - Essen (DE)
- Design Plus Light + Building 2000 - Frankfurt am Main (DE)

- 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

Dioscuri 14
Blown glass diffuser
IP65

1039010A HALO max 1x60W (G9) - ECO
220/240Vac 50/60Hz main voltage

Dioscuri 25
Blown glass diffuser
IP65

0112010A HALO max 1x70W (E27) - ECO
or FLUO 1x20W (E27) - TC-TSE
220/240Vac 50/60Hz main voltage

Dioscuri 35
Blown glass diffuser
IP65

0116010A HALO max 1x105W (E27) - ECO
or FLUO 1x23W (E27) - TC-TSE
220/240Vac 50/60Hz main voltage

Dioscuri 42
Blown glass diffuser
IP65

0117010A HALO max 1x105W (E27) - ECO
or FLUO 1x23W (E27) - TC-TSE
220/240Vac 50/60Hz main voltage
Capsule

design
Ross Lovegrove
2011

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

1604010A
HALO max 1x105W (E27) - ECO
or FLUO 1x23W (E27) - TC-TSE

220/240Vac 50/60Hz main voltage

Blown glass diffuser
IP65 L L
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.
<table>
<thead>
<tr>
<th>Code</th>
<th>Model Description</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>T052310</td>
<td>HALO max 2x28W (E14) - ECO</td>
<td>black</td>
</tr>
<tr>
<td>T052390</td>
<td>HALO max 2x28W (E14) - ECO</td>
<td>silver grey</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T052210</td>
<td>FLUO 1x26W (G24d-3) - TC-D</td>
<td>black</td>
</tr>
<tr>
<td>T052290</td>
<td>FLUO 1x26W (G24d-3) - TC-D</td>
<td>silver grey</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T087100</td>
<td>Directional screen</td>
<td></td>
</tr>
</tbody>
</table>

220/240Vac 50/60Hz main voltage

Blown glass diffuser

IP65

Cd/KlmC = 0°-180°
C = 90°-270°

Mitasi
Chilone

Available with downward emission in two heights (h 5cm and h 90cm) and with upward emission (Chilone Up).

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 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 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.
- 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 design
Ernesto Gismondi
2009
### Chilone floor 45

**LED 7W**  
**Lighting application**

<table>
<thead>
<tr>
<th>h</th>
<th>L</th>
<th>a</th>
<th>Em</th>
<th>Emax</th>
<th>Emin</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.45 m</td>
<td>1.0 m</td>
<td>3.0 m</td>
<td>55 lux</td>
<td>300 lux</td>
<td>1.5 lux</td>
</tr>
</tbody>
</table>

### Chilone floor 90

**LED 7W**  
**Lighting application**

<table>
<thead>
<tr>
<th>h</th>
<th>L</th>
<th>a</th>
<th>Em</th>
<th>Emax</th>
<th>Emin</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.90 m</td>
<td>1.0 m</td>
<td>4.0 m</td>
<td>32 lux</td>
<td>115 lux</td>
<td>1.5 lux</td>
</tr>
</tbody>
</table>

### Chilone pole

**LED 15W**  
**Lighting application**

<table>
<thead>
<tr>
<th>h</th>
<th>L</th>
<th>a</th>
<th>Em</th>
<th>Emax</th>
<th>Emin</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.50 m</td>
<td>2.5 m</td>
<td>9.25 m</td>
<td>8 lux</td>
<td>19 lux</td>
<td>1.5 lux</td>
</tr>
</tbody>
</table>
Chilone floor 45

- **T082200**: 6 LED 7W 4000K light grey
- **T082210**: 6 LED 7W 4000K rust

220/240Vac 50/60Hz electronic ballast

Chilone floor 90

- **T082100**: 6 LED 7W 4000K light grey
- **T082110**: 6 LED 7W 4000K rust

220/240Vac 50/60Hz electronic ballast

Chilone Up

- **T082300**: 6 LED 15W 4000K light grey
- **T082310**: 6 LED 15W 4000K rust

220/240Vac 50/60Hz electronic ballast

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### Chilone pole

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Power</th>
<th>Color</th>
<th>Accessories</th>
<th>Compatibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>T082000</td>
<td>6 LED, 15W, 4000K</td>
<td>light grey</td>
<td>rust</td>
<td>Wall support included</td>
<td>220/240Vac, 50/60Hz electronic ballast</td>
</tr>
<tr>
<td>T082010</td>
<td>6 LED, 15W, 4000K</td>
<td>rust</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Chilone wall

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Power</th>
<th>Color</th>
<th>Accessories</th>
<th>Compatibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>T082400</td>
<td>6 LED, 15W, 4000K</td>
<td>light grey</td>
<td>rust</td>
<td>Wall support included</td>
<td>220/240Vac, 50/60Hz electronic ballast</td>
</tr>
<tr>
<td>T082410</td>
<td>6 LED, 15W, 4000K</td>
<td>rust</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**IP65**

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Ciclope

design
Alessandro Pedretti
(Studio Rota & Partners)
2009
• 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 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.
• 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.
• 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 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;
  • 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.
• 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

<table>
<thead>
<tr>
<th>LED 6W</th>
<th>Lighting application</th>
</tr>
</thead>
<tbody>
<tr>
<td>h</td>
<td>L</td>
</tr>
<tr>
<td>0.5 m</td>
<td>1.0 m</td>
</tr>
</tbody>
</table>

### Ciclope floor 90 unilateral/bilateral

<table>
<thead>
<tr>
<th>LED 6W</th>
<th>Lighting application</th>
</tr>
</thead>
<tbody>
<tr>
<td>h</td>
<td>L</td>
</tr>
<tr>
<td>0.9 m</td>
<td>1.0 m</td>
</tr>
</tbody>
</table>

### Ciclope wall/recessed

<table>
<thead>
<tr>
<th>LED 6W</th>
<th>Lighting application</th>
</tr>
</thead>
<tbody>
<tr>
<td>h</td>
<td>L</td>
</tr>
<tr>
<td>0.5 m</td>
<td>1.0 m</td>
</tr>
</tbody>
</table>
Ciclope floor 50

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Power (W)</th>
<th>Color</th>
<th>Finish</th>
<th>Input Voltage</th>
<th>Frequency</th>
<th>Ballast Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>T081000</td>
<td>LED</td>
<td>6</td>
<td>3000K</td>
<td>light grey</td>
<td>220/240Vac</td>
<td>50/60Hz</td>
<td>electronic ballast</td>
</tr>
<tr>
<td>T081010</td>
<td>LED</td>
<td>6</td>
<td>3000K</td>
<td>rust</td>
<td>220/240Vac</td>
<td>50/60Hz</td>
<td>electronic ballast</td>
</tr>
</tbody>
</table>

Ciclope floor 50 Bilateral

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Power (W)</th>
<th>Color</th>
<th>Finish</th>
<th>Input Voltage</th>
<th>Frequency</th>
<th>Ballast Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>T081300</td>
<td>LED</td>
<td>2x6</td>
<td>3000K</td>
<td>light grey</td>
<td>220/240Vac</td>
<td>50/60Hz</td>
<td>electronic ballast</td>
</tr>
<tr>
<td>T081310</td>
<td>LED</td>
<td>2x6</td>
<td>3000K</td>
<td>rust</td>
<td>220/240Vac</td>
<td>50/60Hz</td>
<td>electronic ballast</td>
</tr>
</tbody>
</table>
Ciclope floor 90

### Unilateral

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Power</th>
<th>Color</th>
<th>Beam Angle</th>
<th>IP Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>T081100</td>
<td>LED 6W</td>
<td>6W</td>
<td>light grey</td>
<td>-90°-90°</td>
<td>IP65</td>
</tr>
<tr>
<td>T081110</td>
<td>LED 6W</td>
<td>6W</td>
<td>rust</td>
<td>-90°-90°</td>
<td>IP65</td>
</tr>
</tbody>
</table>

220/240Vac 50/60Hz electronic ballast

### Bilateral

<table>
<thead>
<tr>
<th>Model</th>
<th>Type</th>
<th>Power</th>
<th>Color</th>
<th>Beam Angle</th>
<th>IP Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>T081400</td>
<td>LED 2x6W</td>
<td>2x6W</td>
<td>light grey</td>
<td>-90°-90°</td>
<td>IP65</td>
</tr>
<tr>
<td>T081410</td>
<td>LED 2x6W</td>
<td>2x6W</td>
<td>rust</td>
<td>-90°-90°</td>
<td>IP65</td>
</tr>
</tbody>
</table>

220/240Vac 50/60Hz electronic ballast

---

**Effective power**: 7.2W (single-sided) and 14.4W (double-sided).
Ciclope

Ciclope recessed
- light grey
- rust
Recessing box supplied separately

IP65

Ciclope wall
- light grey
- rust
Wall support included

Recessed hole
230 x 330 x 50 mm

Recessing box
201 x 300 x 48,5 mm

Lighting unit

Aesthetic cover

Recessing box
T081500  LED  6W  light grey
T081510  LED  6W  rust
220/240Vac  50/60Hz  electronic ballast

T081600  Recessing box

T081200  LED  6W  light grey
T081210  LED  6W  rust
220/240Vac  50/60Hz  electronic ballast
• 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**

<table>
<thead>
<tr>
<th>LED 8.5W</th>
<th>Lighting application</th>
</tr>
</thead>
<tbody>
<tr>
<td>h</td>
<td>L</td>
</tr>
<tr>
<td>0.5 m</td>
<td>0.5 m</td>
</tr>
</tbody>
</table>

**Nuda floor 100 unilateral**

<table>
<thead>
<tr>
<th>LED 17W</th>
<th>Lighting application</th>
</tr>
</thead>
<tbody>
<tr>
<td>h</td>
<td>L</td>
</tr>
<tr>
<td>1.0 m</td>
<td>1.0 m</td>
</tr>
</tbody>
</table>

**Nuda floor 50 bilateral**

<table>
<thead>
<tr>
<th>LED 8.5W</th>
<th>Lighting application</th>
</tr>
</thead>
<tbody>
<tr>
<td>h</td>
<td>L</td>
</tr>
<tr>
<td>0.5 m</td>
<td>0.5 m</td>
</tr>
</tbody>
</table>

**Nuda floor 100 bilateral**

<table>
<thead>
<tr>
<th>LED 8.5W</th>
<th>Lighting application</th>
</tr>
</thead>
<tbody>
<tr>
<td>h</td>
<td>L</td>
</tr>
<tr>
<td>1.0 m</td>
<td>1.0 m</td>
</tr>
</tbody>
</table>

**Nuda recessed**

<table>
<thead>
<tr>
<th>LED 8.5W</th>
<th>Lighting application</th>
</tr>
</thead>
<tbody>
<tr>
<td>h</td>
<td>L</td>
</tr>
<tr>
<td>0.5 m</td>
<td>1.0 m</td>
</tr>
</tbody>
</table>
### Nuda floor 50

<table>
<thead>
<tr>
<th>Model</th>
<th>Configuration</th>
<th>Power</th>
<th>Color</th>
<th>Option 1</th>
<th>Option 2</th>
<th>Ballast Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>T083600</td>
<td>unilateral</td>
<td>6 LED</td>
<td>7W</td>
<td>4000K light grey</td>
<td>4000K light grey</td>
<td>220/240Vac, 50/60Hz, electronic ballast</td>
</tr>
<tr>
<td>T083610</td>
<td>unilateral</td>
<td>6 LED</td>
<td>7W</td>
<td>4000K rust</td>
<td>4000K rust</td>
<td>220/240Vac, 50/60Hz, electronic ballast</td>
</tr>
<tr>
<td>T083700</td>
<td>bilateral</td>
<td>6 LED</td>
<td>7W</td>
<td>4000K light grey</td>
<td>4000K light grey</td>
<td>220/240Vac, 50/60Hz, electronic ballast</td>
</tr>
<tr>
<td>T083710</td>
<td>bilateral</td>
<td>6 LED</td>
<td>7W</td>
<td>4000K rust</td>
<td>4000K rust</td>
<td>220/240Vac, 50/60Hz, electronic ballast</td>
</tr>
</tbody>
</table>
Nuda floor 100

T083800  6 LED  15W  4000K  light grey
T083810  6 LED  15W  4000K  rust

220/240Vac  50/60Hz  electronic ballast

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

IP65
# Nuda recessed

## Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>LED Type</th>
<th>Watt</th>
<th>Color</th>
<th>Voltage</th>
<th>Frequency</th>
<th>Ballast Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>T083500</td>
<td>6 LED 7W 4000K light grey</td>
<td>6 LED</td>
<td>7</td>
<td>light grey</td>
<td>220/240Vac 50/60Hz</td>
<td>electron</td>
<td></td>
</tr>
<tr>
<td>T083510</td>
<td>6 LED 7W 4000K rust</td>
<td>6 LED</td>
<td>7</td>
<td>rust</td>
<td>220/240Vac 50/60Hz</td>
<td>electron</td>
<td></td>
</tr>
</tbody>
</table>

220V/240Vac 50/60Hz electronic ballast

- **Recessing box** supplied separately
- **IP65**

## Dimensions

- **Recessed hole**: 200 x 260 x 60 mm
- **Recessing box**: 190 x 250 x 55 mm
- **Lighting unit**: 160 mm
- **Aesthetic cover**: 240 mm

---

**Effective power**: 6.5W
• 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
- T085100 4 LED 9.5W 4000K
- 220/240Vac 50/60Hz electronic ballast

Ippolito 90

- anthracite grey/light grey
- T085000 4 LED 9.5W 4000K
- 220/240Vac 50/60Hz electronic ballast

Effective power: 11W
Eraclea

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.
Eraelea

T085300  6 LED  6,3W  4000K
220/240Vac  50/60Hz  electronic ballast

Total power  7,2W
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

Granito 60
- rust Cor-ten
- IP65

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.
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, antioxidiant 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, antioxidiant 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-A8 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

T053110  HALO max 1x70W (E27) - ECO
220/240Vac 50/60Hz main voltage

Catilina

- dark grey
- Floor/wall installation
- Diffuser in opal blown glass
- IP44

T053010  HALO max 1x70W (E27) - ECO
or FLUO 1x20W (E27) - TC-TSE
220/240Vac 50/60Hz main voltage
Aglaia

Aglaia

HALO 70W

Lighting application

<table>
<thead>
<tr>
<th>h</th>
<th>L</th>
<th>a</th>
<th>Em</th>
<th>Emax</th>
<th>Emin</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.56 m</td>
<td>0.6 m</td>
<td>2.7 m</td>
<td>28 lux</td>
<td>40 lux</td>
<td>1.5 lux</td>
</tr>
<tr>
<td>0.76 m</td>
<td>0.8 m</td>
<td>3.4 m</td>
<td>16 lux</td>
<td>23 lux</td>
<td>1.5 lux</td>
</tr>
<tr>
<td>1.26 m</td>
<td>1.2 m</td>
<td>3.4 m</td>
<td>9 lux</td>
<td>13 lux</td>
<td>1.5 lux</td>
</tr>
</tbody>
</table>

Aglaia

HALO 70W (E27) - ECO
or FLUO 1x20W (E27) - TC-TSE

220/240Vac 50/60Hz main voltage

T052010  Pole H 50 cm
T053810  Pole H 100 cm
T053900  Floor mounting plate

IP44

Floor installation
Diffuser in opal blown glass
Pole and mounting plate to be ordered separately

Aglaia

dark grey

Floor installation
Diffuser in opal blown glass
Pole and mounting plate to be ordered separately

IP44

Aglaia dark grey

Floor installation
Diffuser in opal blown glass
Pole and mounting plate to be ordered separately

IP44
Light fixture with diffuse emission, with fluorescent sources.
- Floor or wall installation.

**Teseo wall**
- 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 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

**Teseo wall**

- Silver grey/black
- Mounting plate to be ordered separately
- IP43

<table>
<thead>
<tr>
<th>T056100</th>
<th>FLUO 1x11W (G23) - TC-S</th>
</tr>
</thead>
<tbody>
<tr>
<td>220/240Vac 50/60Hz main voltage</td>
<td></td>
</tr>
</tbody>
</table>

**Teseo floor 50**

- Silver grey/black
- Underground pole included
- IP44

<table>
<thead>
<tr>
<th>T056000</th>
<th>FLUO 1x11W (G23) - TC-S</th>
</tr>
</thead>
<tbody>
<tr>
<td>H=68cm</td>
<td></td>
</tr>
<tr>
<td>220/240Vac 50/60Hz main voltage</td>
<td></td>
</tr>
</tbody>
</table>

**Teseo floor 110**

- Silver grey/black
- Underground pole included
- IP44

<table>
<thead>
<tr>
<th>T051000</th>
<th>FLUO 1x11W (G23) - TC-S</th>
</tr>
</thead>
<tbody>
<tr>
<td>H=118cm</td>
<td></td>
</tr>
<tr>
<td>220/240Vac 50/60Hz main voltage</td>
<td></td>
</tr>
</tbody>
</table>

**T051010** Ground mounting plate

**T051000** Ground mounting plate
• 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, antioxidiant 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, antioxidiant 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 Wall

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>T052400</td>
<td>FLUO 2x26W (G24d-3) - TC-D</td>
<td>black</td>
</tr>
<tr>
<td>T052490</td>
<td>FLUO 2x26W (G24d-3) - TC-D</td>
<td>silver grey</td>
</tr>
</tbody>
</table>

220/240Vac 50/60Hz main voltage

Wall support to be ordered separately

### Alcesti Floor

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>T052400</td>
<td>FLUO 2x26W (G24d-3) - TC-D</td>
<td>black</td>
</tr>
<tr>
<td>T052490</td>
<td>FLUO 2x26W (G24d-3) - TC-D</td>
<td>silver grey</td>
</tr>
</tbody>
</table>

220/240Vac 50/60Hz main voltage

Wall support to be ordered separately
• 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

Giasole floor unilateral

- black
- silver grey

Diffuser in sanded glass
Flanged pole to be ordered separately

**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

**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

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>T051300</td>
<td>HALO max 1x70W (E27) - ECO</td>
<td>white</td>
</tr>
<tr>
<td>T051330</td>
<td>HALO max 1x70W (E27) - ECO</td>
<td>black</td>
</tr>
<tr>
<td>T051390</td>
<td>HALO max 1x70W (E27) - ECO</td>
<td>silver grey</td>
</tr>
</tbody>
</table>

220/240Vac 50/60Hz main voltage

Diffuser in sanded glass
Wall support included

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>T051400</td>
<td>FLUO 1x18W (G24d-2) - TC-D</td>
<td>white</td>
</tr>
<tr>
<td>T051430</td>
<td>FLUO 1x18W (G24d-2) - TC-D</td>
<td>black</td>
</tr>
<tr>
<td>T051490</td>
<td>FLUO 1x18W (G24d-2) - TC-D</td>
<td>silver grey</td>
</tr>
</tbody>
</table>

220/240Vac 50/60Hz main voltage
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 IP55.
• ENEC approved.
• Insulation class I.
Tolomeo XXL

Tolomeo XXL with base
silver grey

1532010A FLUO 2x57W (E27) - TC-TEL
1534010A METAL HALIDE 1x100W (E27) - HCI
220-240 Vac 50/60 Hz electronic ballast

Tolomeo XXL with fixed support
silver grey

1535010A FLUO 2x57W (E27) - TC-TEL
1536010A METAL HALIDE 1x100W (E27) - HCI
220-240 Vac 50/60 Hz electronic ballast

251
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 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.

- Series of light fixtures with direct emission, with high-performance LED light sources.
- Floor, pole and wall installation.
- Light grey finish.
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 satin 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

T085900 10 LED 22W 4000K
220/240Vac 50/60Hz electronic ballast

IP65

Underground pole included

Hila floor/pole

HALO 13W

<table>
<thead>
<tr>
<th>h</th>
<th>L</th>
<th>a</th>
<th>Em</th>
<th>Emax</th>
<th>Emin</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.9 m</td>
<td>1.0 m</td>
<td>3.2 m</td>
<td>50 lux</td>
<td>180 lux</td>
<td>2 lux</td>
</tr>
</tbody>
</table>

HALO 24W

<table>
<thead>
<tr>
<th>h</th>
<th>L</th>
<th>a</th>
<th>Em</th>
<th>Emax</th>
<th>Emin</th>
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<tbody>
<tr>
<td>3.5 m</td>
<td>3.5 m</td>
<td>13 m</td>
<td>8 lux</td>
<td>20 lux</td>
<td>2 lux</td>
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</tbody>
</table>

Lighting application
### Hila floor

<table>
<thead>
<tr>
<th>Model</th>
<th>LED</th>
<th>Watt</th>
<th>Color Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>T085700</td>
<td>10</td>
<td>9.6W</td>
<td>4000K</td>
</tr>
</tbody>
</table>

- 220/240V ac 50/60Hz electronic ballast
- Ground mounting plate included
- IP65

### Hila wall

<table>
<thead>
<tr>
<th>Model</th>
<th>LED</th>
<th>Watt</th>
<th>Color Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>T085800</td>
<td>10</td>
<td>22W</td>
<td>4000K</td>
</tr>
</tbody>
</table>

- 220/240V ac 50/60Hz electronic ballast
- Wall support included
- IP65

---

259
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, antioxidiant 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.
### LED 25,6W Lighting application

<table>
<thead>
<tr>
<th>h</th>
<th>L</th>
<th>a</th>
<th>E_m</th>
<th>E_max</th>
<th>E_min</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.5 m</td>
<td>4.0 m</td>
<td>13 m</td>
<td>14 lux</td>
<td>40 lux</td>
<td>1.5 lux</td>
</tr>
</tbody>
</table>
Indicta

T084800 10 LED 22.9W 4000K
220/240Vac 50/60Hz electronic ballast

Body-head grey
Head-pole
IP65

Effective power: 25.6W
C = 0°-180°
C = 90°-270°

Indicta
• 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 pole

<table>
<thead>
<tr>
<th>LED 26,6W</th>
<th>Lighting application</th>
</tr>
</thead>
<tbody>
<tr>
<td>h</td>
<td>L</td>
</tr>
<tr>
<td>3.1 m</td>
<td>4.0 m</td>
</tr>
</tbody>
</table>
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 lifetime and light efficiency increase.
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 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.
Solar Tree

<table>
<thead>
<tr>
<th>IP55</th>
</tr>
</thead>
</table>

4 LED heads 23W (92W total) 4300K
+ 10 LED stems 1W (10W total) 6000K
T080600 Lighting units, curved poles, “stems” and batteries
T080400 Pole support structure + 18 benches

Lighting of the whole fixture.

Light intensity of one head: Flow 1250 lm

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.
• 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.
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.
### Felsina

<table>
<thead>
<tr>
<th>h (m)</th>
<th>L (m)</th>
<th>a (m)</th>
<th>( E_m ) (lux)</th>
<th>( E_{\text{max}} ) (lux)</th>
<th>( E_{\text{min}} ) (lux)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.22</td>
<td>3.5</td>
<td>11.9</td>
<td>29</td>
<td>130</td>
<td>4</td>
</tr>
<tr>
<td>4.22</td>
<td>4.5</td>
<td>15.6</td>
<td>22</td>
<td>75</td>
<td>3</td>
</tr>
<tr>
<td>5.22</td>
<td>5.5</td>
<td>19.3</td>
<td>14</td>
<td>48</td>
<td>1.5</td>
</tr>
</tbody>
</table>

**HE 100W direct emission**

**Lighting application**

![Diagram of lighting application](image)

![Diagram of fixture placement](image)
<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
<th>Power</th>
<th>Projector Type</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>T003100</td>
<td>METAL HALIDE 1x70W (E27) - HIE</td>
<td>70W</td>
<td>Fixed projector</td>
<td>Felsina pole (antigua grey)</td>
</tr>
<tr>
<td>T002800</td>
<td>METAL HALIDE 1x70W (E27) - HIE</td>
<td>70W</td>
<td>Adjustable projector</td>
<td>Felsina pole (antigua grey)</td>
</tr>
<tr>
<td></td>
<td>220/240Vac 50/60Hz main voltage</td>
<td></td>
<td></td>
<td>Pole supplied separately</td>
</tr>
<tr>
<td>T003200</td>
<td>METAL HALIDE 1x100W (E27) - HIE</td>
<td>100W</td>
<td>Fixed projector</td>
<td>Felsina pole (antigua grey)</td>
</tr>
<tr>
<td>T002900</td>
<td>METAL HALIDE 1x100W (E27) - HIE</td>
<td>100W</td>
<td>Adjustable projector</td>
<td>Felsina pole (antigua grey)</td>
</tr>
<tr>
<td></td>
<td>220/240Vac 50/60Hz main voltage</td>
<td></td>
<td></td>
<td>Pole supplied separately</td>
</tr>
<tr>
<td>T003300</td>
<td>METAL HALIDE 1x150W (E27) - HIE</td>
<td>150W</td>
<td>Fixed projector</td>
<td>Felsina pole (antigua grey)</td>
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<tr>
<td>T003000</td>
<td>METAL HALIDE 1x150W (E27) - HIE</td>
<td>150W</td>
<td>Adjustable projector</td>
<td>Felsina pole (antigua grey)</td>
</tr>
<tr>
<td></td>
<td>220/240Vac 50/60Hz main voltage</td>
<td></td>
<td></td>
<td>Pole supplied separately</td>
</tr>
<tr>
<td>T000800</td>
<td>SODIUM VAPOUR 1x100W (E40) - HSE</td>
<td>100W</td>
<td>Fixed projector</td>
<td>Felsina pole (antigua grey)</td>
</tr>
<tr>
<td>T000500</td>
<td>SODIUM VAPOUR 1x100W (E40) - HSE</td>
<td>100W</td>
<td>Adjustable projector</td>
<td>Felsina pole (antigua grey)</td>
</tr>
<tr>
<td></td>
<td>220/240Vac 50/60Hz main voltage</td>
<td></td>
<td></td>
<td>Pole supplied separately</td>
</tr>
<tr>
<td>T000900</td>
<td>SODIUM VAPOUR 1x150W (E40) - HSE</td>
<td>150W</td>
<td>Fixed projector</td>
<td>Felsina pole (antigua grey)</td>
</tr>
<tr>
<td>T000600</td>
<td>SODIUM VAPOUR 1x150W (E40) - HSE</td>
<td>150W</td>
<td>Adjustable projector</td>
<td>Felsina pole (antigua grey)</td>
</tr>
<tr>
<td></td>
<td>220/240Vac 50/60Hz main voltage</td>
<td></td>
<td></td>
<td>Pole supplied separately</td>
</tr>
<tr>
<td>T001700</td>
<td>Underground conic pole with inspection door 3m</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T001710</td>
<td>Underground conic pole with inspection door 4m</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T001720</td>
<td>Underground conic pole with inspection door 5m</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T001500</td>
<td>ø 60mm pole connection for 1 adjustable head</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T001510</td>
<td>ø 60mm pole connection for 2 adjustable heads</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>T001520</td>
<td>ø 60mm pole connection for 3 adjustable heads</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**
- IP65
- Pole supplied separately
- Direct emission

**Dimensions:**
- ø 60mm pole connection for 1 adjustable head
- ø 60mm pole connection for 2 adjustable heads
- ø 60mm pole connection for 3 adjustable heads
Felsina wall

- antigu grey

Adjustable projector unit with direct emission

**T002800**  METAL HALIDE 1x70W (E27) - HIE
220/240Vac 50/60Hz main voltage

**T002900**  METAL HALIDE 1x100W (E27) - HIE
220/240Vac 50/60Hz main voltage

**T003000**  METAL HALIDE 1x150W (E27) - HIE
220/240Vac 50/60Hz main voltage

**T000500**  SODIUM VAPOUR 1x100W (E40) - HSE
220/240Vac 50/60Hz main voltage

**T000600**  SODIUM VAPOUR 1x150W (E40) - HSE
220/240Vac 50/60Hz main voltage

**T001600**  Wall support
### Felsina Wall Dual Emission

#### T002500 METAL HALIDE 1x70W (E27) - HIE
220/240Vac 50/60Hz main voltage

<table>
<thead>
<tr>
<th>H</th>
<th>M</th>
<th>C = 0°-180° lux</th>
<th>C = 90°-270° lux</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
<td>2.38</td>
<td>2431</td>
<td></td>
</tr>
<tr>
<td>1.0</td>
<td>4.76</td>
<td>608</td>
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<tr>
<td>1.5</td>
<td>7.14</td>
<td>272</td>
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</tr>
<tr>
<td>2.0</td>
<td>9.52</td>
<td>152</td>
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<tr>
<td>2.5</td>
<td>11.89</td>
<td>97</td>
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</tr>
<tr>
<td>3.0</td>
<td>14.27</td>
<td>68</td>
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</tbody>
</table>

### T002600 METAL HALIDE 1x100W (E27) - HIE
220/240Vac 50/60Hz main voltage

<table>
<thead>
<tr>
<th>H</th>
<th>M</th>
<th>C = 0°-180° lux</th>
<th>C = 90°-270° lux</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
<td>2.38</td>
<td>3193</td>
<td></td>
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<tr>
<td>1.0</td>
<td>4.76</td>
<td>798</td>
<td></td>
</tr>
<tr>
<td>1.5</td>
<td>7.14</td>
<td>355</td>
<td></td>
</tr>
<tr>
<td>2.0</td>
<td>9.52</td>
<td>200</td>
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</tr>
<tr>
<td>2.5</td>
<td>11.89</td>
<td>128</td>
<td></td>
</tr>
<tr>
<td>3.0</td>
<td>14.27</td>
<td>89</td>
<td></td>
</tr>
</tbody>
</table>

### T002700 METAL HALIDE 1x150W (E27) - HIE
220/240Vac 50/60Hz main voltage

<table>
<thead>
<tr>
<th>H</th>
<th>M</th>
<th>C = 0°-180° lux</th>
<th>C = 90°-270° lux</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
<td>2.38</td>
<td>5261</td>
<td></td>
</tr>
<tr>
<td>1.0</td>
<td>4.76</td>
<td>1315</td>
<td></td>
</tr>
<tr>
<td>1.5</td>
<td>7.14</td>
<td>585</td>
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<td>9.52</td>
<td>329</td>
<td></td>
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<tr>
<td>2.5</td>
<td>11.89</td>
<td>210</td>
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</tr>
<tr>
<td>3.0</td>
<td>14.27</td>
<td>146</td>
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</table>

### T000200 SODIUM VAPOUR 1x100W (E40) - HSE
220/240Vac 50/60Hz main voltage

<table>
<thead>
<tr>
<th>H</th>
<th>M</th>
<th>C = 0°-180° lux</th>
<th>C = 90°-270° lux</th>
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</thead>
<tbody>
<tr>
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<td>2.38</td>
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<td>1.0</td>
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<td>862</td>
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<td>7.14</td>
<td>383</td>
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<td>2.0</td>
<td>9.52</td>
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<tr>
<td>2.5</td>
<td>11.89</td>
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<td></td>
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<tr>
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<td>96</td>
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### T000300 SODIUM VAPOUR 1x150W (E40) - HSE
220/240Vac 50/60Hz main voltage

<table>
<thead>
<tr>
<th>H</th>
<th>M</th>
<th>C = 0°-180° lux</th>
<th>C = 90°-270° lux</th>
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</thead>
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<tr>
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</tr>
<tr>
<td>3.0</td>
<td>14.27</td>
<td>156</td>
<td></td>
</tr>
</tbody>
</table>

### T001600 Wall Support
- 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**

**T017400**  METAL HALIDE 1x70W (E27) - HIE  
220/240Vac 50/60Hz main voltage

**T017500**  METAL HALIDE 1x100W (E27) - HIE

**T017300**  SODIUM VAPOUR 1x100W (E40) - HSE  
220/240Vac 50/60Hz main voltage

**T015700**  3.8 m ø 90 mm Underground pole

**T016000**  Flanged base

---

### HSE 100W Lighting application

<table>
<thead>
<tr>
<th>h (m)</th>
<th>L (m)</th>
<th>a (m)</th>
<th>Em (lux)</th>
<th>Emax (lux)</th>
<th>Emin (lux)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.8</td>
<td>3.8</td>
<td>14.06</td>
<td>20</td>
<td>44</td>
<td>7.5</td>
</tr>
<tr>
<td>5.0</td>
<td>5.0</td>
<td>18.5</td>
<td>11</td>
<td>25</td>
<td>4.5</td>
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</tbody>
</table>

Timpone hanging side

**Timpone axial**

<table>
<thead>
<tr>
<th>h (m)</th>
<th>L (m)</th>
<th>a (m)</th>
<th>Em (lux)</th>
<th>Emax (lux)</th>
<th>Emin (lux)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.8</td>
<td>3.8</td>
<td>14.06</td>
<td>14</td>
<td>23</td>
<td>1.5</td>
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<tr>
<td>5.0</td>
<td>5.0</td>
<td>18.5</td>
<td>9</td>
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<td>1.5</td>
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</table>

### HIE 70W Lighting application

<table>
<thead>
<tr>
<th>h (m)</th>
<th>L (m)</th>
<th>a (m)</th>
<th>Em (lux)</th>
<th>Emax (lux)</th>
<th>Emin (lux)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.8</td>
<td>3.8</td>
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<td>22</td>
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<td>18.5</td>
<td>6</td>
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Timpone hanging side

**Timpone axial**

<table>
<thead>
<tr>
<th>h (m)</th>
<th>L (m)</th>
<th>a (m)</th>
<th>Em (lux)</th>
<th>Emax (lux)</th>
<th>Emin (lux)</th>
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<tbody>
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<td>3.8</td>
<td>14.06</td>
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<td>16</td>
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<td>5.0</td>
<td>18.5</td>
<td>6</td>
<td>9</td>
<td>1.5</td>
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</table>

### HIE 100W Lighting application

<table>
<thead>
<tr>
<th>h (m)</th>
<th>L (m)</th>
<th>a (m)</th>
<th>Em (lux)</th>
<th>Emax (lux)</th>
<th>Emin (lux)</th>
</tr>
</thead>
<tbody>
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<td>3.8</td>
<td>3.8</td>
<td>14.06</td>
<td>16</td>
<td>33</td>
<td>6.5</td>
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<td>5.0</td>
<td>18.5</td>
<td>9</td>
<td>19</td>
<td>4.0</td>
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</table>

Timpone hanging side

**Timpone axial**

<table>
<thead>
<tr>
<th>h (m)</th>
<th>L (m)</th>
<th>a (m)</th>
<th>Em (lux)</th>
<th>Emax (lux)</th>
<th>Emin (lux)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.8</td>
<td>3.8</td>
<td>14.06</td>
<td>14</td>
<td>23</td>
<td>1.5</td>
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<tr>
<td>5.0</td>
<td>5.0</td>
<td>18.5</td>
<td>8</td>
<td>13</td>
<td>1.5</td>
</tr>
</tbody>
</table>
Timpone

Timpone hanging side

- dark grey
- Diffuser with deflector and hanging side connection

**T019400** METAL HALIDE 1x70W (E27) - HIE
220/240Vac 50/60Hz main voltage

**T019500** METAL HALIDE 1x100W (E27) - HIE

**T019300** SODIUM VAPOUR 1x100W (E40) - HSE
220/240Vac 50/60Hz main voltage

**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)
**RGB control systems**

LED Driver NL81260 and NL84100 are compatible with an USITT DMX 512 control system. The standard USITT DMX 512 permits a simple, reliable and economical control, to realize colour changing scenes with RGB products.

<table>
<thead>
<tr>
<th>Driver</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL81260</td>
<td>LED driver NLX 2-70 IP65 70W 24Vdc PWM</td>
</tr>
<tr>
<td>NL84100</td>
<td>LED driver NLX 2-100 IP65 100W 24Vdc PWM</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Lighting Controller</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL19030</td>
<td>DSC 30 USB interface - DMX stand alone</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>DSC 30 Accessories</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NL19031</td>
<td>9V/350mA ballast with mini USB connector for DSC30</td>
</tr>
<tr>
<td>NL7833</td>
<td>Cable with HE10 connector for connection to a 50cm-long keyboard</td>
</tr>
</tbody>
</table>
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.
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 low 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.

Legenda

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.

<table>
<thead>
<tr>
<th>IK Degree</th>
<th>Impact</th>
<th>Equivalent impact</th>
</tr>
</thead>
<tbody>
<tr>
<td>00</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>01</td>
<td>0.15</td>
<td>Fall of a 200g body from 40cm of height</td>
</tr>
<tr>
<td>02</td>
<td>0.2</td>
<td>Fall of a 200g body from 40cm of height</td>
</tr>
<tr>
<td>03</td>
<td>0.25</td>
<td>Fall of a 200g body from 40cm of height</td>
</tr>
<tr>
<td>04</td>
<td>0.5</td>
<td>Fall of a 200g body from 40cm of height</td>
</tr>
<tr>
<td>05</td>
<td>0.7</td>
<td>Fall of a 200g body from 40cm of height</td>
</tr>
<tr>
<td>06</td>
<td>1</td>
<td>Fall of a 500g body from 40cm of height</td>
</tr>
<tr>
<td>07</td>
<td>2</td>
<td>Fall of a 500g body from 40cm of height</td>
</tr>
<tr>
<td>08</td>
<td>5</td>
<td>Fall of a 1.7kg body from 40cm of height</td>
</tr>
<tr>
<td>09</td>
<td>10</td>
<td>Fall of a 5kg body from 40cm of height</td>
</tr>
<tr>
<td>10</td>
<td>20</td>
<td>Fall of a 5kg body from 40cm of height</td>
</tr>
</tbody>
</table>

Approvals

ENEC Certification of European Conformity.

IMQ Italian Institute of Quality Mark.
Photometric data

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 CD-C180 plane (continuous line) and the second one to the longitudinal C90-C270 plane (broken line).

The photometric curve defines the lighting engineering 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. αC0 and αC90 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

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
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.
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Artemide S.p.A.
reserves the right to change, at any time and without prior warning, the technical specifications of any product illustrated in this catalogue.
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.