PROFESSIONAL LIGHTING SOLUTIONS FOR OFFICE, RETAIL AND HOSPITALITY

<table>
<thead>
<tr>
<th>RETAIL</th>
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<th>OFFICE</th>
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<tr>
<td>TAGORA CEILINGS 114</td>
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<tr>
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<td>NULLA</td>
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<td>CHOCOLATE WALL</td>
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<td>MINISURF 263</td>
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<tr>
<td>SURF SYSTEM</td>
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<td>KALIFA WALL 277</td>
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<tr>
<td>SURF WALL</td>
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<tr>
<td>ALGORITMO SUSP</td>
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<td>SOLAR</td>
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<td>SOLOTO</td>
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<td>ALTOP</td>
<td>187</td>
<td>KALIFA RECESSED 285</td>
</tr>
<tr>
<td>ALGORITMO REC.</td>
<td>211</td>
<td></td>
</tr>
</tbody>
</table>
Artemide Architectural

Professional Lighting Solutions for Office, Retail, and Hospitality

Product and service are the key fields in which Artemide Architectural is valued. Numerous international designers and architects contribute to their development. Continuous innovations in lighting systems, from both the design and function viewpoints, determine the expertise and reliability of the brand, and make it internationally renowned in the sectors of design and architecture, with the approval of designers and lighting planners who find Artemide Architectural to be a partner capable of meeting any lighting requirements.

- Series of directional spotlights using high yield white LED, metal-halide and 12V halogen lamps.
- Body made from aluminium and injection-moulded high-quality polyamide.
- Choice of 5 colour options.
- Two design options: with horizontal or vertical power supply unit with small, medium and large size.
- Optic unit available in 3 sizes: Ø70mm, Ø100mm and Ø125mm.
- 2 versions: with three-phase track adapter, and with base plate for ceiling mounting.
- Super pure aluminium optics with a choice of up to four beam spreads, freely interchangable.
- Tilt angle ranging from -90° to 90°, rotation of up to 355°. Precise inclination by means of a graduation specially designed, with a locking mechanism.
- Monochromatic LED with warm white and neutral white tones.
- Hit version includes protection glass.
- Electronic control gear.
- Wide range of accessories.
- Not suitable for wall installation.
- Complies with standard EN60598-1 and other specific standards.
PICTO 125 HIT
BLACK/WHITE
WITH TRACK ADAPTER

PAGE 13: PICTO 125 HIT
WHITE/ANTHRACITE GREY
WITH CEILING PLATE
**PICTO OPTICS**

**SPOT (SP)**
2x5° < BEAM ANGLE ≤ 2x10°
To accentuate small objects.

**MEDIUM FLOOD (MFL)**
2x10° < BEAM ANGLE ≤ 2x15°
Standard accent lighting of all kinds of objects.

**FLOOD (FL)**
2x15° < BEAM ANGLE ≤ 2x20°
To accentuate large objects.

**WIDE FLOOD (WFL)**
2x20° < BEAM ANGLE ≤ 2x30°
VERY WIDE FLOOD (VWFL) BEAM ANGLE > 30°
For wide illumination of surfaces or room areas, or for accent lighting merchandise on "central" display.
<table>
<thead>
<tr>
<th>PICTO OPTICS</th>
<th>SPOT</th>
<th>MEDIUM FLOOD</th>
<th>FLOOD</th>
<th>WIDE FLOOD</th>
<th>VERY WIDE FLOOD</th>
</tr>
</thead>
<tbody>
<tr>
<td>PICTO 70 LED</td>
<td>●</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>PICTO 70 HIT</td>
<td>●</td>
<td>●</td>
<td></td>
<td>●</td>
<td></td>
</tr>
<tr>
<td>PICTO 100 LED</td>
<td>●</td>
<td></td>
<td>●</td>
<td></td>
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</tr>
<tr>
<td>PICTO 100 HALO</td>
<td>●</td>
<td></td>
<td>●</td>
<td>●</td>
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<tr>
<td>PICTO 100 HIT</td>
<td>●</td>
<td></td>
<td>●</td>
<td>●</td>
<td></td>
</tr>
<tr>
<td>PICTO 125 LED</td>
<td>●</td>
<td></td>
<td>●</td>
<td>●</td>
<td></td>
</tr>
<tr>
<td>PICTO 125 HIT</td>
<td>●</td>
<td></td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PICTO 70</th>
<th>LED</th>
<th>HIT-CE (G12)</th>
<th>HIT-TC-CE (G8,5)</th>
<th>HIT-TC-CE (GU6,5)</th>
<th>HIPAR51 (GX10)</th>
<th>QT12 (GY6,35)</th>
<th>QR111 (GS3)</th>
<th>QR-CBC51 (GU5,3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8W</td>
<td>3000K (5800lm)/4100K (6400lm)</td>
<td>35W 70W SP MFL FL</td>
<td>max 50W/12V</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>35W 70W SP MFL FL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PICTO 100 HALO/HIT</th>
<th>LED</th>
<th>HIT-CE (G12)</th>
<th>HIT-TC-CE (G8,5)</th>
<th>HI</th>
</tr>
</thead>
<tbody>
<tr>
<td>19W</td>
<td>3000K (1230lm)/4100K (1380lm)</td>
<td>35W 70W SP MFL FL WFL</td>
<td>max 60W/12V SP FL WFL</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PICTO 100 LED</th>
<th>LED</th>
<th>HIT-CE (G12)</th>
<th>HIT-TC-CE (G8,5)</th>
<th>HIPAR51 (GX10)</th>
<th>QT12 (GY6,35)</th>
<th>QR111 (GS3)</th>
<th>QR-CBC51 (GU5,3)</th>
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</thead>
<tbody>
<tr>
<td>33W</td>
<td>3000K 4000K (1800lm)</td>
<td>35W 70W SP MFL FL</td>
<td>max 100W/12V</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PICTO 125 HALO</th>
<th>LED</th>
<th>HIT-CE (G12)</th>
<th>HIT-TC-CE (G8,5)</th>
<th>HIT-TC-CE (GU6,5)</th>
<th>HIPAR51 (GX10)</th>
<th>QT12 (GY6,35)</th>
<th>QR111 (GS3)</th>
<th>QR-CBC51 (GU5,3)</th>
</tr>
</thead>
<tbody>
<tr>
<td>35W 70W 150W SP MFL WFL VWFL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
PICTO 70-VERTICAL

<table>
<thead>
<tr>
<th>TRACK VERSION</th>
<th>CEILING VERSION</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2230.3</td>
<td>M2230.1</td>
<td>QR-CBC51 (GU5,3) 12V max50W</td>
<td>1,40kg</td>
</tr>
<tr>
<td>M2231.3</td>
<td>M2231.1</td>
<td>HIPAR51-CE-P (GX10) 35W</td>
<td>1,40kg</td>
</tr>
<tr>
<td>M2232.3-*</td>
<td>M2232.1-*</td>
<td>LED 8W WARM WHITE 3000K</td>
<td>1,40kg</td>
</tr>
<tr>
<td>M2233.3-*</td>
<td>M2233.1-*</td>
<td>LED 8W NEUTRAL WHITE 4100K</td>
<td>1,40kg</td>
</tr>
<tr>
<td>M2234.3-*</td>
<td>M2234.1-*</td>
<td>HIT-TC-CE (GU6,5) 20W</td>
<td>1,40kg</td>
</tr>
<tr>
<td>M2235.3-*</td>
<td>M2235.1-*</td>
<td>HIT-TC-CE (GU6,5) 35W</td>
<td>1,40kg</td>
</tr>
</tbody>
</table>

Halogen version with integral electronic transformer, 20-70W, 230-240V/12V. Dimmable by trailing edge phase cutting external dimmers.

* Item number must be completed with the code of the desired reflector. See below.

PICTO 70-HORIZONTAL

<table>
<thead>
<tr>
<th>TRACK VERSION</th>
<th>CEILING VERSION</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2236.3</td>
<td>M2236.1</td>
<td>QR-CBC51 (GU5,3) 12V max50W</td>
<td>1,40kg</td>
</tr>
<tr>
<td>M2237.3</td>
<td>M2237.1</td>
<td>HIPAR51-CE-P (GX10) 35W</td>
<td>1,40kg</td>
</tr>
<tr>
<td>M2238.3-*</td>
<td>M2238.1-*</td>
<td>LED 8W WARM WHITE 3000K</td>
<td>1,40kg</td>
</tr>
<tr>
<td>M2239.3-*</td>
<td>M2239.1-*</td>
<td>LED 8W NEUTRAL WHITE 4100K</td>
<td>1,40kg</td>
</tr>
<tr>
<td>M2240.3-*</td>
<td>M2240.1-*</td>
<td>HIT-TC-CE (GU6,5) 20W</td>
<td>1,40kg</td>
</tr>
<tr>
<td>M2241.3-*</td>
<td>M2241.1-*</td>
<td>HIT-TC-CE (GU6,5) 35W</td>
<td>1,40kg</td>
</tr>
</tbody>
</table>

Halogen version with integral electronic transformer, 20-70W, 230-240V/12V. Dimmable by trailing edge phase cutting external dimmers.

* Item number must be completed with the code of the desired reflector. See below.

PICTO 70 REFLECTORS

- **SP**: Spot (2x5° < angle ≤ 2x10°).
- **WFL**: Wide-flood (2x20° < angle ≤ 2x30°).
- **MFL**: Medium-flood (2x10° < angle ≤ 2x15°).
- **FL**: Flood (2x15° < angle ≤ 2x20°).

Aluminium reflector for PICTO 70 LED.

- **SP**: Spot (2x5° < angle ≤ 2x10°).
- **MFL**: Medium-flood (2x10° < angle ≤ 2x15°).
- **FL**: Flood (2x15° < angle ≤ 2x20°).

Aluminium reflector for PICTO 70 HIT.
PICTO 100 HALO/HIT-VERTICAL

<table>
<thead>
<tr>
<th>TRACK VERSION</th>
<th>CEILING VERSION</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2242.3-*</td>
<td>M2242.1-*</td>
<td>HIT-TC-CE (G8,5) 35W</td>
<td>1,60kg</td>
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<tr>
<td>M2243.3-*</td>
<td>M2243.1-*</td>
<td>HIT-TC-CE (G8,5) 70W</td>
<td>1,60kg</td>
</tr>
<tr>
<td>M2244.3-*</td>
<td>M2244.1-*</td>
<td>QT12-UVr-ax (GY6,35) max60W</td>
<td>1,60kg</td>
</tr>
</tbody>
</table>

Halogen version with integral electronic transformer, 20-70W, 230-240V/12V. Dimmable by trailing edge phase cutting external dimmers.

* Item number must be completed with the code of the desired reflector. See below.

PICTO 100 HALO/HIT-HORIZONTAL

<table>
<thead>
<tr>
<th>TRACK VERSION</th>
<th>CEILING VERSION</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2247.3-*</td>
<td>M2247.1-*</td>
<td>HIT-TC-CE (G8,5) 35W</td>
<td>1,60kg</td>
</tr>
<tr>
<td>M2248.3-*</td>
<td>M2248.1-*</td>
<td>HIT-TC-CE (G8,5) 70W</td>
<td>1,60kg</td>
</tr>
<tr>
<td>M2249.3-*</td>
<td>M2249.1-*</td>
<td>QT12-UVr-ax (GY6,35) max60W</td>
<td>1,60kg</td>
</tr>
</tbody>
</table>

Halogen version with integral electronic transformer, 20-70W, 230-240V/12V. Dimmable by trailing edge phase cutting external dimmers.

* Item number must be completed with the code of the desired reflector. See below.

PICTO 100 REFLECTORS

<table>
<thead>
<tr>
<th>Aluminium reflector for PICTO 100 HIT.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP</td>
</tr>
<tr>
<td>MFL</td>
</tr>
<tr>
<td>FL</td>
</tr>
<tr>
<td>WFL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Aluminium reflector for PICTO 100 HALO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SP</td>
</tr>
<tr>
<td>FL</td>
</tr>
<tr>
<td>WFL</td>
</tr>
</tbody>
</table>
PICTO 100 LED-VERTICAL

![Image]

**LED**
- TRACK VERSION
- CEILING VERSION
- LIGHT SOURCE
- WEIGHT
- WEIGHT

M2245.3-*  M2245.1-*  LED 19W WARM WHITE 3000K  non dimmable  1,70kg
M2246.3-*  M2246.1-*  LED 19W WARM WHITE 3000K  dimmable DALI  1,70kg
M2261.3-*  M2261.1-*  LED 19W WARM WHITE 3000K  non dimmable  1,70kg
M2262.3-*  M2262.1-*  LED 19W NEUTRAL WHITE 4100K  non dimmable  1,70kg

* Item number must be completed with the code of the desired reflector. See below.

**PICTO 100 LED-HORIZONTAL**

![Image]

**LED**
- TRACK VERSION
- CEILING VERSION
- LIGHT SOURCE
- WEIGHT
- WEIGHT

M2250.3-*  M2250.1-*  LED 19W WARM WHITE 3000K  non dimmable  1,70kg
M2251.3-*  M2251.1-*  LED 19W NEUTRAL WHITE 4100K  non dimmable  1,70kg
M2263.3-*  M2263.1-*  LED 19W WARM WHITE 3000K  dimmable DALI  1,70kg
M2264.3-*  M2264.1-*  LED 19W NEUTRAL WHITE 4100K  dimmable DALI  1,70kg

* Item number must be completed with the code of the desired reflector. See below.

**PICTO 100 LED REFLECTORS**

<table>
<thead>
<tr>
<th>SP</th>
<th>FL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aluminium reflector for PICTO 100 LED.</td>
<td>Spot (2x5° &lt; angle ≤ 2x10°).</td>
</tr>
<tr>
<td>Flood (2x15° &lt; angle ≤ 2x20°).</td>
<td></td>
</tr>
</tbody>
</table>

**PICTO 125 HALO-VERTICAL**

![Image]

**QR111 (G53)**
- TRACK VERSION
- CEILING VERSION
- LIGHT SOURCE
- WEIGHT
- WEIGHT

M2252.3  M2252.1  QR111 (G53) 12V max100W  1,80kg

Integral electronic transformer, 20-105W, 230-240V/12V. Dimmable by trailing or leading edge external dimmers.

* Item number must be completed with the code of the desired reflector. See below.

photometric data: see page 417.
3-circuit tracks: see page 57.
**PICTO 125 HALO-HORIZONTAL**

<table>
<thead>
<tr>
<th>TRACK VERSION</th>
<th>CEILING VERSION</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2253.3</td>
<td>M2257.1-2*</td>
<td>LED 33W WARM WHITE 3000K</td>
<td>2.30kg</td>
</tr>
<tr>
<td>M2258.3-2*</td>
<td>M2258.1-2*</td>
<td>LED 33W NEUTRAL WHITE 4000K</td>
<td>2.30kg</td>
</tr>
<tr>
<td>M2259.3-2*</td>
<td>M2259.1-2*</td>
<td>LED 33W WARM WHITE 3000K dimmable DALI</td>
<td>2.30kg</td>
</tr>
<tr>
<td>M2260.3-2*</td>
<td>M2260.1-2*</td>
<td>LED 33W NEUTRAL WHITE 4000K dimmable DALI</td>
<td>2.30kg</td>
</tr>
</tbody>
</table>

Integral electronic transformer, 20-105W, 230-240V/12V. Dimmable by trailing or leading edge external dimmers.

3-circuit tracks: see page 57.

**PICTO 125 LED**

<table>
<thead>
<tr>
<th>TRACK VERSION</th>
<th>CEILING VERSION</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
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<tbody>
<tr>
<td>M2257.3-2*</td>
<td>M2257.1-2*</td>
<td>LED 33W WARM WHITE 3000K non dimmable</td>
<td>2.30kg</td>
</tr>
<tr>
<td>M2258.3-2*</td>
<td>M2258.1-2*</td>
<td>LED 33W NEUTRAL WHITE 4000K non dimmable</td>
<td>2.30kg</td>
</tr>
<tr>
<td>M2259.3-2*</td>
<td>M2259.1-2*</td>
<td>LED 33W WARM WHITE 3000K dimmable DALI</td>
<td>2.30kg</td>
</tr>
<tr>
<td>M2260.3-2*</td>
<td>M2260.1-2*</td>
<td>LED 33W NEUTRAL WHITE 4000K dimmable DALI</td>
<td>2.30kg</td>
</tr>
</tbody>
</table>

* Item number must be completed with the code of the desired reflector. See below.

Photometric data: see page 419.

3-circuit tracks: see page 57.

**PICTO 125 HIT**

<table>
<thead>
<tr>
<th>TRACK VERSION</th>
<th>CEILING VERSION</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2254.3-2*</td>
<td>M2254.1-2*</td>
<td>HIT-CE (G12) 35W</td>
<td>2.30kg</td>
</tr>
<tr>
<td>M2255.3-2*</td>
<td>M2255.1-2*</td>
<td>HIT-CE (G12) 70W</td>
<td>2.30kg</td>
</tr>
<tr>
<td>M2256.3-2*</td>
<td>M2256.1-2*</td>
<td>HIT-CE (G12) 150W</td>
<td>2.30kg</td>
</tr>
</tbody>
</table>

* Item number must be completed with the code of the desired reflector. See below.

Photometric data: see page 418.

3-circuit tracks: see page 57.

**PICTO 125 REFLECTORS**

- **MFL** Medium-flood (2x10° < angle ≤ 2x15°).
- **FL** Flood (2x15° < angle ≤ 2x20°).
- **WFL** Wide-Flood (2x20° < angle < 2x30°).
- **VWFL** Very-Wide-Flood (angle > 2x30°).
### PICTO ACCESSORIES

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Description</th>
<th>Code</th>
<th>Color Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>UV-Filter</td>
<td>For PICTO 100 HIT. For PICTO 125 HIT.</td>
<td>M080545, M080535</td>
<td>-</td>
</tr>
<tr>
<td>Accessory-holder (in 3 colour options) + filter. Only for PICTO 125.</td>
<td></td>
<td>M0835.7</td>
<td>-</td>
</tr>
<tr>
<td>IR filter.</td>
<td></td>
<td>M0836.7</td>
<td>-</td>
</tr>
<tr>
<td>Chromatic filter “Warmtone”.</td>
<td></td>
<td>M0837.7</td>
<td>-</td>
</tr>
<tr>
<td>Lens for elliptical light distribution.</td>
<td></td>
<td>M0834.7</td>
<td>-</td>
</tr>
<tr>
<td>Accessory-holder (in 3 colour options) + louvre (black).</td>
<td></td>
<td>M0817.7, M0833.7</td>
<td>-</td>
</tr>
<tr>
<td>Accessory-holder (in 3 colour options) + wall washer screen (black).</td>
<td></td>
<td>M0830.7, M0827.7, M0831.7</td>
<td>-</td>
</tr>
<tr>
<td>Accessory-holder (in 3 colour options) + projection lens for gobo for PICTO 70.</td>
<td></td>
<td>M0838.7</td>
<td>-</td>
</tr>
<tr>
<td>Customized gobo to be ordered separately.</td>
<td></td>
<td>M0839.7</td>
<td>-</td>
</tr>
<tr>
<td>Accessory-holder (in 3 colour options) + projection lens and framing device for PICTO 70.</td>
<td></td>
<td>M0828.7, M0826.7, M0829.7</td>
<td>-</td>
</tr>
<tr>
<td>Customized gobo in silk-screen printed glass for PICTO 70. Gobo’s diameter: Ø37,5mm overall. Gobo’s thickness 1,1mm. Logo’s size: Ø10mm min. - Ø 20mm max.</td>
<td></td>
<td>M080800</td>
<td>-</td>
</tr>
</tbody>
</table>

### PICTO ACCESSORIES COLOUR MAP

<table>
<thead>
<tr>
<th>Color</th>
<th>Option</th>
</tr>
</thead>
<tbody>
<tr>
<td>anthracite-grey 2</td>
<td>-</td>
</tr>
<tr>
<td>white 1</td>
<td>-</td>
</tr>
<tr>
<td>black 3</td>
<td>-</td>
</tr>
<tr>
<td>white/anthracite-grey 2</td>
<td>-</td>
</tr>
<tr>
<td>black/white 1</td>
<td>-</td>
</tr>
<tr>
<td>black 4</td>
<td>-</td>
</tr>
<tr>
<td>white 3</td>
<td>-</td>
</tr>
<tr>
<td>silver 6</td>
<td>-</td>
</tr>
</tbody>
</table>
PAD (POÈME DE L’ANGLE DROIT)
design CARLOTTA DE BEVILACQUA
SERIES OF PROJECTORS USING HIGH-EFFICIENCY LED WITH MONOCHROMATIC WARM WHITE (3000K) AND NEUTRAL WHITE (4000K) EMISSION.

COMPRISED OF AN ALUMINIUM BODY WITH BRIGHT ANODIZED FINISH AND A TRANSLUCENT COVER IN POLYCARBONATE.

PAD IS AVAILABLE IN FOUR MOUNTING OPTIONS: WITH THREE-PHASE TRACK ADAPTER, WITH BASE PLATE OR RECESSED PLATE FOR CEILING MOUNTING, AND IN COMBINATION WITH THE ALGORITMO PRODUCT LINE.

THE ARRAY OF 12 LEDS (13W IN TOTAL) LAYS ON A METAL CORE PLACED ON THE ALUMINIUM BODY OF THE PROJECTOR THAT ACTS AS HEAT DISSIPATOR.

THE COVER ACTS AS A SUPPORT FOR THE LENSES AVAILABLE IN 3 BEAM OPTIONS. IT PROVIDES A DIFFUSED LIGHTING EFFECT WHILE ENSURING PROTECTION FOR THE ELECTRICAL PARTS.

A SMART HINGE THAT COMBINES REDUCED DIMENSIONS WITH A VERY LARGE ANGULAR EXCURSION PROVIDES EXTREME FLEXIBILITY OF ROTATION: ROTATION OF UP TO 358°, TILT ANGLE OF UP TO +90°/-90°.

VERSIONS WITH SURFACE CEILING PLATE AND RECESSED CEILING PLATE ARE DIMMABLE (SWITCHDIM).

COMPLIES WITH EN60598-1 AND OTHER SPECIFIC STANDARDS.
**PAD 230V TRACK**

![Diagram of PAD 230V Track]

**LED MONOCHROMATIC**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M200003</td>
<td>LED 13W 2x5° WARM WHITE 3000K</td>
<td>0,390kg</td>
</tr>
<tr>
<td>M200103</td>
<td>LED 13W 2x5° NEUTRAL WHITE 4000K</td>
<td>0,390kg</td>
</tr>
<tr>
<td>M200203</td>
<td>LED 13W 2x10° WARM WHITE 3000K</td>
<td>0,390kg</td>
</tr>
<tr>
<td>M200303</td>
<td>LED 13W 2x10° NEUTRAL WHITE 4000K</td>
<td>0,390kg</td>
</tr>
<tr>
<td>M200403</td>
<td>LED 13W 2x20° WARM WHITE 3000K</td>
<td>0,390kg</td>
</tr>
<tr>
<td>M200503</td>
<td>LED 13W 2x20° NEUTRAL WHITE 4000K</td>
<td>0,390kg</td>
</tr>
</tbody>
</table>

**PAD FOR ALGORITMO**

![Diagram of PAD 230V for Algoritmo]

**LED MONOCHROMATIC**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M200002</td>
<td>LED 13W 2x5° WARM WHITE 3000K</td>
<td>0,420kg</td>
</tr>
<tr>
<td>M200102</td>
<td>LED 13W 2x5° NEUTRAL WHITE 4000K</td>
<td>0,420kg</td>
</tr>
<tr>
<td>M200202</td>
<td>LED 13W 2x10° WARM WHITE 3000K</td>
<td>0,420kg</td>
</tr>
<tr>
<td>M200302</td>
<td>LED 13W 2x10° NEUTRAL WHITE 4000K</td>
<td>0,420kg</td>
</tr>
<tr>
<td>M200402</td>
<td>LED 13W 2x20° WARM WHITE 3000K</td>
<td>0,420kg</td>
</tr>
<tr>
<td>M200502</td>
<td>LED 13W 2x20° NEUTRAL WHITE 4000K</td>
<td>0,420kg</td>
</tr>
</tbody>
</table>

**PAD FOR ALGORITMO**

![Diagram of PAD for Algoritmo]

**LED MONOCHROMATIC**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M200003</td>
<td>LED 13W 2x5° WARM WHITE 3000K</td>
<td>0,390kg</td>
</tr>
<tr>
<td>M200103</td>
<td>LED 13W 2x5° NEUTRAL WHITE 4000K</td>
<td>0,390kg</td>
</tr>
<tr>
<td>M200203</td>
<td>LED 13W 2x10° WARM WHITE 3000K</td>
<td>0,390kg</td>
</tr>
<tr>
<td>M200303</td>
<td>LED 13W 2x10° NEUTRAL WHITE 4000K</td>
<td>0,390kg</td>
</tr>
<tr>
<td>M200403</td>
<td>LED 13W 2x20° WARM WHITE 3000K</td>
<td>0,390kg</td>
</tr>
<tr>
<td>M200503</td>
<td>LED 13W 2x20° NEUTRAL WHITE 4000K</td>
<td>0,390kg</td>
</tr>
</tbody>
</table>

**IP40 650° translucent/bright anodized**

Photometric data: see page 415.

3-circuit tracks: see page 57.

Photometric data: see page 415.

**ALGORITMO SYSTEM:** see page 204.
**PAD 230V CEILING**

- **LED MONOCHROMATIC**
  - Code: M200001
  - Light Source: LED 13W 2x5° WARM WHITE 3000K dimmable (Switchdim)
  - Weight: 0.420kg

- **LED MONOCHROMATIC**
  - Code: M200041
  - Light Source: LED 13W 2x20° WARM WHITE 3000K dimmable (Switchdim)
  - Weight: 0.420kg

Dimming control via external push-button (not provided).

Photometric data: see page 415.

---

**PAD 230V SEMI-RECESSED**

- **LED MONOCHROMATIC**
  - Code: M20004
  - Light Source: LED 13W 2x5° WARM WHITE 3000K dimmable (Switchdim)
  - Weight: 0.420kg

- **LED MONOCHROMATIC**
  - Code: M200040
  - Light Source: LED 13W 2x20° WARM WHITE 3000K dimmable (Switchdim)
  - Weight: 0.420kg

Dimming control via external push-button (not provided).

Photometric data: see page 415.

---

**PAD TILT AND ROTATION**

- **358°**
- **190°**
- **358°**
IODO

design M. TRIMARCHI

- DIRECTIONAL SPOTLIGHT USING 12V DICHRIOIC HALOGEN, METAL HALIDE AND 230-240V LED LAMPS.
- INCLUDES THREE-PHASE TRACK ADAPTER AND POWER SUPPLY UNIT WITH INTEGRAL ELECTRONIC CONTROL GEAR.
- DIE-CAST ALUMINIUM BODY.
- FROSTED GLASS DECORATIVE RING.
- TILT ANGLE OF UP TO 70°, ROTATION OF UP TO 355°.
- LAMPS CAN BE MAINTAINED WITHOUT THE NEED FOR TOOLS.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
### IODO HALO

**QR-CBC51 (GU5,3)**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M023223</td>
<td>QR-CBC51 (GU5,3) 12V max50W</td>
<td>0.95kg</td>
</tr>
</tbody>
</table>

Integral electronic transformer, 20-50W, 230-240V/12V. Dimmable by leading or trailing edge external dimmers.

3-circuit tracks: see page 57.

### IODO HIT

**HIPAR51-CE-P (GX10)**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M023323</td>
<td>HIPAR51-CE-P (GX10) 35W</td>
<td>1.15kg</td>
</tr>
</tbody>
</table>

Integral electronic control gear.

3-circuit tracks: see page 57.

### IODO LED

**LED (GU10)**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M023423</td>
<td>LED (GU10) 230-240V</td>
<td>0.80kg</td>
</tr>
</tbody>
</table>

3-circuit tracks: see page 57.

---

**ABOVE AND PAGE 32: STUDIO FRAGILE, MILAN (IL, FRIDA DOVEL).**
FOCAL

A RANGE OF ADJUSTABLE SPOTLIGHTS USING 12V HALOGEN AND METAL-HALIDE LAMPS.

4 OPTIONS AVAILABLE: WITH THREE-PHASE TRACK ADAPTER, WITH BASE PLATE, WALL MOUNTING OR PENDANT.

DIE-CAST ALUMINIUM BODY WITH A WHITE PAINT FINISH.

ALUMINUM OPTICS FOR HIT VERSIONS, WITH CHOICE OF THREE BEAM SPREADS: SPOT, MEDIUM AND FLOOD.

TILT ANGLE OF UP TO 90°, ROTATION OF UP TO 355°.

LAMPS CAN BE MAINTAINED WITHOUT THE NEED FOR TOOLS BY A SIMPLE QUARTER TURN ROTATION OF THE LAMP-HOLDING RING.

HIT VERSION INCLUDES PROTECTIVE GLASS.

ELECTRONIC CONTROL GEAR.

WIDE RANGE OF ACCESSORIES.

DIRECTIONAL HANDLE AS AN OPTIONAL EXTRA.

COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
FOCAL CEILING

FOCAL SUSPENSION

FOCAL WALL
FOCAL TRACK

Integral electronic transformer 20-100W, 230-240V/12V. Dimmable by trailing or leading edge external dimmers.

**FOCAL TRACK**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M027003*</td>
<td>QR111 (G53) 12V max100W</td>
<td>2,40kg</td>
</tr>
<tr>
<td>M027103</td>
<td>HIR111-CE-P (GX8,5) 35W</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M027203</td>
<td>HIR111-CE-P (GX8,5) 70W</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M028203</td>
<td>HIT-CE (G12) 35W 2x4°</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M028303</td>
<td>HIT-CE (G12) 35W 2x10°</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M028403</td>
<td>HIT-CE (G12) 35W 2x28°</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M027903</td>
<td>HIT-CE (G12) 70W 2x4°</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M027303</td>
<td>HIT-CE (G12) 70W 2x10°</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M027403</td>
<td>HIT-CE (G12) 70W 2x28°</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M028003</td>
<td>HIT-CE (G12) 150W 2x4°</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M027503</td>
<td>HIT-CE (G12) 150W 2x10°</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M027603</td>
<td>HIT-CE (G12) 150W 2x28°</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M028103</td>
<td>HIT-TC-CE (G8,5) 70W 2x4°</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M027703</td>
<td>HIT-TC-CE (G8,5) 70W 2x10°</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M027803</td>
<td>HIT-TC-CE (G8,5) 70W 2x28°</td>
<td>2,50kg</td>
</tr>
</tbody>
</table>

*Integral electronic transformer 20-100W, 230-240V/12V. Dimmable by trailing or leading edge external dimmers.

**FOCAL CEILING**

**FOCAL CEILING**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M027001*</td>
<td>QR111 (G53) 12V max100W</td>
<td>2,40kg</td>
</tr>
<tr>
<td>M027101</td>
<td>HIR111-CE-P (GX8,5) 35W</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M027201</td>
<td>HIR111-CE-P (GX8,5) 70W</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M028201</td>
<td>HIT-CE (G12) 35W 2x4°</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M028301</td>
<td>HIT-CE (G12) 35W 2x10°</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M028401</td>
<td>HIT-CE (G12) 35W 2x28°</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M027901</td>
<td>HIT-CE (G12) 70W 2x4°</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M027301</td>
<td>HIT-CE (G12) 70W 2x10°</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M027401</td>
<td>HIT-CE (G12) 70W 2x28°</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M028001</td>
<td>HIT-CE (G12) 150W 2x4°</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M027501</td>
<td>HIT-CE (G12) 150W 2x10°</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M027601</td>
<td>HIT-CE (G12) 150W 2x28°</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M028101</td>
<td>HIT-TC-CE (G8,5) 70W 2x4°</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M027701</td>
<td>HIT-TC-CE (G8,5) 70W 2x10°</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M027801</td>
<td>HIT-TC-CE (G8,5) 70W 2x28°</td>
<td>2,50kg</td>
</tr>
</tbody>
</table>

*Integral electronic transformer 20-100W, 230-240V/12V. Dimmable by trailing or leading edge external dimmers.
FOCAL SUSPENSION

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M176000*</td>
<td>QR111 (G53) 12V max100W</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M176100</td>
<td>HIR111-CE-P (GX8,5) 35W</td>
<td>2,60kg</td>
</tr>
<tr>
<td>M176200</td>
<td>HIR111-CE-P (GX8,5) 70W</td>
<td>2,60kg</td>
</tr>
<tr>
<td>M176300</td>
<td>HIT-CE (G12) 70W 2x10°</td>
<td>2,60kg</td>
</tr>
<tr>
<td>M176400</td>
<td>HIT-CE (G12) 70W 2x28°</td>
<td>2,60kg</td>
</tr>
<tr>
<td>M176500</td>
<td>HIT-CE (G12) 150W 2x10°</td>
<td>2,60kg</td>
</tr>
<tr>
<td>M176600</td>
<td>HIT-CE (G12) 150W 2x28°</td>
<td>2,60kg</td>
</tr>
<tr>
<td>M176700</td>
<td>HIT-TC-CE (G8,5) 70W 2x10°</td>
<td>2,60kg</td>
</tr>
<tr>
<td>M176800</td>
<td>HIT-TC-CE (G8,5) 70W 2x28°</td>
<td>2,60kg</td>
</tr>
</tbody>
</table>

*Integral electronic transformer 20-100W, 230-240V/12V. Dimmable by trailing or leading edge external dimmers.

**FOCAL WALL**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M174500*</td>
<td>QR111 (G53) 12V max100W</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M174600</td>
<td>HIR111-CE-P (GX8,5) 35W</td>
<td>2,60kg</td>
</tr>
<tr>
<td>M174700</td>
<td>HIR111-CE-P (GX8,5) 70W</td>
<td>2,60kg</td>
</tr>
<tr>
<td>M174800</td>
<td>HIT-CE (G12) 70W 2x10°</td>
<td>2,60kg</td>
</tr>
<tr>
<td>M174900</td>
<td>HIT-CE (G12) 70W 2x28°</td>
<td>2,60kg</td>
</tr>
<tr>
<td>M175000</td>
<td>HIT-CE (G12) 150W 2x10°</td>
<td>2,60kg</td>
</tr>
<tr>
<td>M175100</td>
<td>HIT-CE (G12) 150W 2x28°</td>
<td>2,60kg</td>
</tr>
<tr>
<td>M175200</td>
<td>HIT-TC-CE (G8,5) 70W 2x10°</td>
<td>2,60kg</td>
</tr>
<tr>
<td>M175300</td>
<td>HIT-TC-CE (G8,5) 70W 2x28°</td>
<td>2,60kg</td>
</tr>
</tbody>
</table>

*Integral electronic transformer 20-100W, 230-240V/12V. Dimmable by trailing or leading edge external dimmers.

**FOCAL ACCESSORIES**

- **M082007** Directional handle.  
  grey

- **M082207** Accessory-holder + UV filter.  
  grey

- **M082107** Accessory-holder + infrared filter.  
  grey

- **M082407** Accessory-holder + lens for elliptical light distribution.  
  grey

- **M081907** Accessory-holder + louvre.  
  grey

- **M082307** Only for FOCAL WALL HIT 150W.  
  grey

- **M082507** Wall washer screen (black).
OTO
design FOSTER & PARTNERS
• A RANGE OF DIRECTIONAL SPOTLIGHTS USING 12V OR 230V/240V HALOGEN AND METAL HALIDE LAMPS.
• WITH THREE-PHASE TRACK ADAPTER.
• ALUMINIUM BODY COMPRISED OF AN OPTICAL AND POWER SUPPLY UNIT.
• OPTICAL UNIT AVAILABLE IN 2 DIAMETER OPTIONS DEPENDING ON THE LIGHT SOURCE: Ø80MM AND Ø130MM.
• ALUMINIUM OPTICS WITH VARIOUS BEAM SPREADS.
• TILT ANGLE OF UP TO 90°, ROTATION OF UP TO 355°.
• ELECTRONIC CONTROL GEAR.
• SAFETY GLASS WITH HIT VERSION.
• WIDE RANGE OF ACCESSORIES.
• COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
**OTO 80 HALO**

QR-CBC51 (GU5,3) 12V max50W
QRPAR20 (E27) max50W

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>L2306.0*</td>
<td>QR-CBC51 (GU5,3) 12V max50W</td>
<td>0,95kg</td>
</tr>
<tr>
<td>L2308.0</td>
<td>QPAR20 (E27) max50W</td>
<td>0,80kg</td>
</tr>
</tbody>
</table>


3-circuit tracks: see page 57.

**OTO 80 HIT**

HIT-TC-CE (G8,5)

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>L2345.0</td>
<td>HIT-TC-CE (G8,5) 35W 2x10°</td>
<td>1,40kg</td>
</tr>
<tr>
<td>L2346.0</td>
<td>HIT-TC-CE (G8,5) 35W 2x17°</td>
<td>1,40kg</td>
</tr>
</tbody>
</table>

3-circuit tracks: see page 57.

**OTO 80 ACCESSORIES**

L237000 Accessory-holder + light-shade grill. Ø80mm.
L237100 Accessory-holder + adjustable dowser. Ø80mm.
L237200 Accessory-holder + wall washer screen. Ø80mm.
L237600 Framing device.
L237400 Accessory-holder + filter. Ø80mm.
L237500 Infrared filter.
L237340 Accessory-holder + coloured filter. Ø80mm.
L237350 Red.
L237360 Blue.
L237380 Yellow.
L237390 Green.
OTO 130 HALO

QR111 (G53)  QPAR30 (E27)  

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>L2312.0*</td>
<td>QR111 (G53) 12V max100W</td>
<td>1,60kg</td>
</tr>
<tr>
<td>L2314.0</td>
<td>QPAR30 (E27) max75W</td>
<td>1,50kg</td>
</tr>
</tbody>
</table>

*Integral electronic transformer 35-100W, 230-240V/12V. Dimmable by trailing edge external dimmers.

OTO 130 HIT

HIT-CE (G12)

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>L2352.0</td>
<td>HIT-CE (G12) 70W 2x15°</td>
<td>1,90kg</td>
</tr>
<tr>
<td>L2353.0</td>
<td>HIT-CE (G12) 70W 2x30°</td>
<td>1,90kg</td>
</tr>
<tr>
<td>L2354.0</td>
<td>HIT-CE (G12) 150W 2x15°</td>
<td>2,40kg</td>
</tr>
<tr>
<td>L2355.0</td>
<td>HIT-CE (G12) 150W 2x30°</td>
<td>2,40kg</td>
</tr>
</tbody>
</table>

OTO 130 ACCESSORIES

**L238000**  Accessory-holder + light-shade grill. Ø130mm.  
- black

**L238100**  Accessory-holder + adjustable dowser. Ø130mm.  
- black

**L238200**  Accessory-holder + wall washer screen. Ø130mm.  
- black

**L238400**  Accessory-holder + filter. Ø130mm.  
- UV filter

**L238500**  Infrared filter.
ERMES

design MICHEL TORTEL

- A range of directional spotlights using 12V halogen and metal halide lamps.
- 2 options available: with three-phase track adapter, and with base plate.
- Aluminium body comprised of an optical and power supply unit.
- Optical unit available in 2 diameter options depending on the light source: Ø78mm and Ø155mm.
- Tilt angle of up to 90°, rotation of up to 355°.
- Electronic transformer, ferromagnetic ballast.
- Safety glass with Hit version.
- Wide range of accessories.
- Complies with standard EN60598-1 and other specific standards.
ERMES 78

**QR-CBC51 (GU5,3)**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>VERSION</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0203.3</td>
<td>QR-CBC51 (GU5,3) 12V max50W</td>
<td>3-circuit track adapter</td>
<td>1.2kg</td>
</tr>
<tr>
<td></td>
<td>Integral electronic transformer 20-50W, 230-240V/12V. Dimmable by trailing edge external dimmers.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3-circuit tracks: see page 57.

ERMES 78 ACCESSORIES

**M08.127**  Adjustable dowser.

- white 0  metal grey 6

**M08.137**  Wall washer screen.

- white 0  metal grey 6

**M081147**  Light-shade grill. Black.

- Coloured filter. Ø48mm.
  - M080305  Yellow.
  - M080315  Blue.
  - M080325  Red.
  - M080335  Green.

ERMES 155 HALO

**QR111 (G53)**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>VERSION</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0204.3</td>
<td>QR111 (G53) 12V max100W</td>
<td>3-circuit track adapter</td>
<td>1.5kg</td>
</tr>
<tr>
<td>M0204.1</td>
<td>QR111 (G53) 12V max100W</td>
<td>base plate</td>
<td>1.5kg</td>
</tr>
</tbody>
</table>

Integral electronic transformer 35-100W, 230-240V/12V. Dimmable by trailing edge external dimmers.

3-circuit tracks: see page 57.
ERMES 155 HIT

HIT-CE (G12)

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>VERSION</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0590.3</td>
<td>HIT-CE (G12) 70W 2x12°</td>
<td>3-circuit track adapter</td>
<td>3,80kg</td>
</tr>
<tr>
<td>M0590.1</td>
<td>HIT-CE (G12) 70W 2x12°</td>
<td>base plate</td>
<td>3,80kg</td>
</tr>
<tr>
<td>M0594.3</td>
<td>HIT-CE (G12) 150W 2x16°</td>
<td>3-circuit track adapter</td>
<td>4,80kg</td>
</tr>
<tr>
<td>M0594.1</td>
<td>HIT-CE (G12) 150W 2x16°</td>
<td>base plate</td>
<td>4,80kg</td>
</tr>
</tbody>
</table>

ERMES 155 ACCESSORIES

- M081157 Anti-dazzle ring. Ø155mm. Black.
- M086835 Filter-holder + sanded glass filter. Ø140mm.
- M081167 Wall washer screen. Ø155mm. Black.

3-circuit tracks: see page 57. Photometric data: see page 414.
STARSHIP
design ALBERTO MEDA - PAOLO RIZZATTO

• A RANGE OF DIRECTIONAL SPOTLIGHTS USING 230/240V HALOGEN LAMPS.
• 2 VERSIONS: WITH THREE-PHASE TRACK ADAPTER OR WITH RECESSED PLATE.
• DIE-CAST ALUMINIUM BODY WITH PAINT FINISH.
• TILT ANGLE OF UP TO 90°, ROTATION OF UP TO 355°.
• COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

IMAGE SCALE 1:1
**STARSHIP TRACK**

![Diagram of STARSHIP TRACK]

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>L1625.0</td>
<td>QPAR30 (E27) max75W</td>
<td>0,60kg</td>
</tr>
<tr>
<td>L1610.0</td>
<td>QPAR-CBS1 (GZ10) max50W</td>
<td>0,60kg</td>
</tr>
</tbody>
</table>

3-circuit tracks: see page 57.

**STARSHIP SEMI-RECESSED**

![Diagram of STARSHIP SEMI-RECESSED]

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>L1650.0</td>
<td>QPAR30 (E27) max75W</td>
<td>0,60kg</td>
</tr>
</tbody>
</table>

PUNTI CREDITO RICITALIA, ROME (0), FRAGILE.
MINI FLAP SPOT

design BRUNO HOUSSIN & ALAIN GIROT
A RANGE OF DIRECTIONAL SPOTLIGHTS USING 12V DICHROIC HALOGEN, HIPAR51 METAL HALIDE AND 230-240V LED LAMPS.

3 OPTIONS AVAILABLE: WITH 3-PHASE TRACK ADAPTER, WITH BASE PLATE OR WITH RECESSED PLATE.

ALUMINIUM BODY. METAL GREY OR BLACK PAINT FINISH.

COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
MINI FLAP SPOT **CEILING SURFACE**

**QR-CBC51 (GU5,3) IP20** metal grey

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M025161</td>
<td>QR-CBC51 (GU5,3) 12V 1xmax50W</td>
<td>0,60kg</td>
</tr>
</tbody>
</table>

Integral electronic transformer 20-50W, 230-240V/12V. Dimmable by trailing edge external dimmers.

---

MINI FLAP SPOT **CEILING RECESSED**

**QR-CBC51 (GU5,3) IP20** metal grey

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M011764</td>
<td>QR-CBC51 (GU5,3) 12V 1xmax50W</td>
<td>0,50kg</td>
</tr>
</tbody>
</table>

Remote transformer.

<table>
<thead>
<tr>
<th>CODE</th>
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<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M011864</td>
<td>QR-CBC51 (GU5,3) 12V 2xmax50W</td>
<td>0,65kg</td>
</tr>
</tbody>
</table>

Remote transformer.

---

MINI FLAP SPOT **CEILING RECESSED POWER SUPPLY**

Electronic transformer 230-240V/12V. Class II. Dimmable by trailing or leading edge external dimmers.

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M070211</td>
<td>10-60W. 123x32x32mm.</td>
<td></td>
</tr>
<tr>
<td>M070412</td>
<td>35-105W. 102x51x30mm.</td>
<td></td>
</tr>
</tbody>
</table>
## MINI FLAP SPOT TRACK

### QR-CBC51 (GU5,3)

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>ROD HEIGHT</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0120.3</td>
<td>QR-CBC51 (GU5,3) 12V 1xmax50W</td>
<td>70mm</td>
<td>0,70kg</td>
</tr>
<tr>
<td>M0121.3</td>
<td>QR-CBC51 (GU5,3) 12V 1xmax50W</td>
<td>300mm</td>
<td>0,80kg</td>
</tr>
</tbody>
</table>

Integral electronic transformer 20-50W. Dimmable by leading or trailing edge external dimmers.

3-circuit tracks: see page 57.

### HIPAR51-CE-P (GX10)

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>ROD HEIGHT</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0122.3</td>
<td>HIPAR51-CE-P (GX10) 1x35W</td>
<td>70mm</td>
<td>0,90kg</td>
</tr>
<tr>
<td>M0123.3</td>
<td>HIPAR51-CE-P (GX10) 1x35W</td>
<td>300mm</td>
<td>1,00kg</td>
</tr>
</tbody>
</table>

Integral electronic ballast HIT 35W.

3-circuit tracks: see page 57.

### LED (GU10)

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>ROD HEIGHT</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0113.3</td>
<td>LED (GU10) 230-240V</td>
<td>70mm</td>
<td>0,50kg</td>
</tr>
<tr>
<td>M0114.3</td>
<td>LED (GU10) 230-240V</td>
<td>300mm</td>
<td>0,50kg</td>
</tr>
</tbody>
</table>

3-circuit tracks: see page 57.
3-CIRCUIT TRACKS

- THREE-PHASE TRACKS FOR SURFACE CEILING OR PENDANT MOUNTING, AND FOR RECESSED INSTALLATION.
- EXTRUDED ALUMINIUM PROFILE WITH WHITE, BLACK OR ALUMINIUM FINISH.
- AVAILABLE IN LENGTHS OF UP TO 4000MM, CAN BE CUT ON SITE TO THE REQUIRED LENGTH.
- 2 VERSION: STANDARD WITH 5 CONDUCTORS (1 EARTH, 1 NEUTRAL, 3 PHASES) EACH WITH A SECTION OF 2.5MM², OR DALI WITH 2 ADDITIONAL CONDUCTORS OFFERING THE POSSIBILITY TO CONTROL LUMINAIRES FITTED WITH DIMMABLE OR SWITCHABLE DALI CONTROL GEAR.
- MAXIMUM INTENSITY: 16A ACROSS ALL 3 CIRCUITS.
- SURFACE TRACK COMES WITH PRE-CUT OPENINGS EVERY 33CM FOR ATTACHMENT.
- WIDE RANGE OF ACCESSORIES, POWER SUPPLIES, ELECTRICAL AND MECHANICAL CONNECTORS.

ELECTRICAL CONNECTION FOR 230V (220-240V) ALTERNATING CURRENT.

PLANNING AID FOR EARTH CONTACTS (TRACK LAYOUT SEEN FROM ABOVE).

MAXIMUM MECHANICAL LOAD permitted for spotlights or other loads in relation with the number of fixing points. It includes the weight of the track.

3-CIRCUIT TRACK FOR SURFACE MOUNTING with fixing points every 0.33m.

3-CIRCUIT TRACK FOR PENDANT MOUNTING with suspension points every 0.5m. (Also applies to recessed mounted tracks).

3-CIRCUIT TRACK FOR RECESSED MOUNTING with suspension points every 1m. (Also applies to pendant mounted tracks).

Maximum load: 3600W (max 16A total).
Load can be distributed over the three circuits at will.
Fuse: 1x16A.
Supply cable: min 3x1.5mm² - max 3x2.5mm².
3-CIRCUIT TRACKS FOR SURFACE MOUNTING

- **3-CIRCUIT TRACKS** FOR SURFACE MOUNTING
  - **End cap.** L1716.0
  - **Pendant clip for steel cables or pendant rod.** L1717.0
  - **Pendant rod Ø13mm.** Can be cut on site.
  - **Live end.** L1704.0
  - **Live end.** L1705.0

3-CIRCUIT TRACKS FOR RECESSED MOUNTING

- **3-CIRCUIT TRACKS** FOR RECESSED MOUNTING
  - **End cap.** L17320
  - **Earth contact left.** L1706.0
  - **Earth contact right.** L1707.0
  - **Live end.** L176420
  - **Earth contact left.** L176421
  - **Earth contact right.** L176520

3-CIRCUIT TRACKS ACCESSORIES

- **Universal track adapter 230/240V-16A.**
  - **STD** L172620
  - **DALI** L172621
  - **STD** L172720
  - **DALI** L172721
  - **STD** L172820
  - **DALI** L172821
  - **STD** L173400
  - **DALI** L173401
  - **STD** L173520
  - **DALI** L173521
  - **STD** L173631
  - **DALI** L173632

- **Profile snap hanger, for tension grip (6 pcs).** L173400
- **Electrical and mechanical straight coupler.** L173220
- **Concealed live end recessed. Comes complete with end cap, connector, cable set (300mm), terminal box (h 125mm) and connection blocks. 4,60kg.** L173520
- **Mechanical universal hook. Maximum load: 10kg.** L1734.0
JAVA 158
• A RANGE OF ADJUSTABLE DOWNLIGHTS USING 12V DICHRIOIC HALOGEN, HIPAR51 METAL HALIDE AND 230-240V LED LAMPS.
• EACH SPOTLIGHT MAY BE ADJUSTED BY UP TO 30° IN ALL DIRECTIONS.
• REMOTE CONTROL GEAR.

JAVA 180
• A RANGE OF ADJUSTABLE DOWNLIGHTS USING 12V QR111 HALOGEN AND HIR111 METAL HALIDE LAMPS.
• TILT ANGLE RANGES FROM -20° TO +70°.
• ROTATION OF UP TO 355°.
• REMOTE CONTROL GEAR.

JAVA 208
• A RANGE OF ADJUSTABLE DOWNLIGHTS USING HIT G12 LAMPS.
• TILT ANGLE OF UP TO 40°. ROTATION OF UP TO 355°.
• INCLUDES PROTECTIVE GLASS.
• REMOTE CONTROL GEAR.

JAVA II
• A RANGE OF FIXED DOWNLIGHTS USING 12V DICHRIOIC HALOGEN, HIPAR51 METAL HALIDE AND 230-240V LED LAMPS.
• 2 LIGHTING OPTIONS AVAILABLE: DOWNLIGHTING (VERTICAL) AND WALL WASHER LIGHTING (30°).
• STEEL FRAME AND SPRINGS ALLOWS AN INSTALLATION IN NEARLY ALL CEILING TYPES.
• REMOTE CONTROL GEAR.

JAVA WALL WASHER
• FIXED LUMINARIE WITH WALL WASHER LIGHTING USING 24W T16 FLUORESCENT LAMPS.
• ASYMMETRIC ALUMINIUM REFLECTOR.
• ELECTRONIC CONTROL GEAR.

JAVA LINEAR SYSTEM FLUORESCENT
• MODULAR SYSTEM FOR T16 FLUORESCENT LAMPS, TO BE INSTALLED IN A CONTINUOUS LINE OR AS SINGLE LUMINAIRES.
• 3 LIGHTING OPTIONS: DARK LIGHT EMISSION (WITH OPTIC MADE OF SUPER PURE ALUMINIUM) DIFFUSING (WITH OPALINE POLYCARBONATE DIFFUSER), AND WALL WASHER (WITH ALUMINIUM ASYMMETRICAL REFLECTOR).
• DARK LIGHT EMISSION IS IN COMPLIANCE WITH EN12464-1 STANDARD, WITH AVERAGE LUMINANCE LEVELS LOWER THAN THE 1000 CD/M² LIMIT FOR AN OBSERVATION ANGLE OF 65° OR ABOVE WITH RESPECT TO THE VERTICAL AXIS. LIGHT OUTPUT RATIO: 64%.
• DIFFUSING VERSION IS DESIGNED WITH MOVABLE LAMPHOLDERS ENABLING THE OVERLAPPING OF LAMPS AS TO GUARANTEE UNIFORM DIFFUSION WITHOUT SHADOWS.
• ELECTRONIC BALLAST WITH OR WITHOUT DIMMING.
• END CAPS TO BE ORDERED SEPARATELY.

JAVA LINEAR SYSTEM MULTISPOT
• SPOTLIGHTING SYSTEM CONSISTING OF A RECESSED STRUCTURE AVAILABLE IN 2 SIZE OPTIONS, AND LIGHTING MODULES WITH 3 INTEGRAL SPOTLIGHTS USING 12V HALOGEN AND METAL HALIDE LAMPS.
• EACH SPOTLIGHT MAY BE ADJUSTED BY UP TO 30° IN ALL DIRECTIONS.
• COMBINATION WITH JAVA LINEAR SYSTEM DIFFUSER AND DARK LIGHT VERSIONS POSSIBLE BY MEANS OF AN INTERMEDIATE CONNECTOR TO BE ORDERED SEPARATELY.
• REMOTE CONTROL GEAR.
• COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
**JAVA 158**

- **SQUARE 1 LAMP**
  - QR-CBC51 (GU5,3)
  - HIPAR51-CE-P (GX10)
  - LED (GU10)

- **RECTANGULAR 2 LAMPS**
  - QR-CBC51 (GU5,3)
  - HIPAR51-CE-P (GX10)
  - LED (GU10)

- **RECTANGULAR 3 LAMPS**
  - QR-CBC51 (GU5,3)
  - HIPAR51-CE-P (GX10)
  - LED (GU10)

- **RECTANGULAR 4 LAMPS**
  - QR-CBC51 (GU5,3)
  - HIPAR51-CE-P (GX10)
  - LED (GU10)

- **SQUARE 4 LAMPS**
  - QR-CBC51 (GU5,3)
  - HIPAR51-CE-P (GX10)
  - LED (GU10)

**JAVA 180**

- **SQUARE 1 LAMP**
  - QR111 (G53)
  - HIR111-CE-P (GX8,5)

- **RECTANGULAR 2 LAMPS**
  - QR111 (G53)
  - HIR111-CE-P (GX8,5)

- **RECTANGULAR 3 LAMPS**
  - QR111 (G53)
  - HIR111-CE-P (GX8,5)

- **RECTANGULAR 4 LAMPS**
  - QR111 (G53)
  - HIR111-CE-P (GX8,5)

- **SQUARE 4 LAMPS**
  - QR111 (G53)
  - HIR111-CE-P (GX8,5)

**JAVA 208**

- **SQUARE LAMP**
  - HIT-CE (G12)

- **RECTANGULAR 2 LAMPS**
  - HIT-CE (G12)

- **SQUARE LAMP**
  - HIT-CE (G12)

- **RECTANGULAR 2 LAMPS**
  - HIT-CE (G12)

**JAVA II**

- **DOWNLIGHT**
  - QR-CBC51 (GU5,3)
  - HIPAR51-CE-P (GX10)
  - LED (GU10)

- **WALL WASHER**
  - QR-CBC51 (GU5,3)
  - HIPAR51-CE-P (GX10)
  - LED (GU10)

**JAVA LINEAR SYSTEM**

- **MULTISpot**
  - QR-CBC51 (GU5,3)
  - HIPAR51-CE-P (GX10)

- **DARK LIGHT**
  - T16 (G5)

- **DIFFUSER**
  - T16 (G5)

- **WALL WASHER**
  - T16 (G5)

**JAVA WALL WASHER**

- **T16 (G5)**
<table>
<thead>
<tr>
<th>LIGHT SOURCE CODE</th>
<th>LIGHT SOURCE</th>
<th>CLASS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>QR-CBC51 (GU5,3)</td>
<td>QR-CBC51 (GU5,3) 12V 1xmax50W</td>
<td>360°</td>
<td>0,60kg</td>
</tr>
<tr>
<td>HIPAR51-CE-P (GX10)</td>
<td>HIPAR51-CE-P (GX10) 1xmax35W</td>
<td>360°</td>
<td>0,60kg</td>
</tr>
<tr>
<td>LED (GU10)</td>
<td>LED (GU10) 230-240V</td>
<td>360°</td>
<td>0,60kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LIGHT SOURCE CODE</th>
<th>LIGHT SOURCE</th>
<th>CLASS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>QR-CBC51 (GU5,3)</td>
<td>QR-CBC51 (GU5,3) 12V 2xmax50W</td>
<td>360°</td>
<td>0,90kg</td>
</tr>
<tr>
<td>HIPAR51-CE-P (GX10)</td>
<td>HIPAR51-CE-P (GX10) 2xmax35W</td>
<td>360°</td>
<td>0,90kg</td>
</tr>
<tr>
<td>LED (GU10)</td>
<td>LED (GU10) 230-240V</td>
<td>360°</td>
<td>0,90kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LIGHT SOURCE CODE</th>
<th>LIGHT SOURCE</th>
<th>CLASS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>QR-CBC51 (GU5,3)</td>
<td>QR-CBC51 (GU5,3) 12V 3xmax50W</td>
<td>360°</td>
<td>1,30kg</td>
</tr>
<tr>
<td>HIPAR51-CE-P (GX10)</td>
<td>HIPAR51-CE-P (GX10) 3xmax35W</td>
<td>360°</td>
<td>1,30kg</td>
</tr>
<tr>
<td>LED (GU10)</td>
<td>LED (GU10) 230-240V</td>
<td>360°</td>
<td>1,30kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LIGHT SOURCE CODE</th>
<th>LIGHT SOURCE</th>
<th>CLASS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>QR-CBC51 (GU5,3)</td>
<td>QR-CBC51 (GU5,3) 12V 4xmax50W</td>
<td>360°</td>
<td>1,60kg</td>
</tr>
<tr>
<td>HIPAR51-CE-P (GX10)</td>
<td>HIPAR51-CE-P (GX10) 4xmax35W</td>
<td>360°</td>
<td>1,60kg</td>
</tr>
<tr>
<td>LED (GU10)</td>
<td>LED (GU10) 230-240V</td>
<td>360°</td>
<td>1,60kg</td>
</tr>
</tbody>
</table>
**JAVA 158**

<table>
<thead>
<tr>
<th>LIGHT SOURCE</th>
<th>CODE</th>
<th>CLASS SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>QR-CBC51 (GU5,3)</td>
<td>M048615</td>
<td>12V 4xmax50W</td>
<td>1,60kg</td>
</tr>
<tr>
<td>HIPAR51-CE-P (GX10)</td>
<td>M048675</td>
<td>4xmax35W</td>
<td>1,60kg</td>
</tr>
<tr>
<td>LED (GU10)</td>
<td>M043515</td>
<td>230-240V</td>
<td>1,60kg</td>
</tr>
</tbody>
</table>

**JAVA 158 CONTROL GEARS**

- **Electronic ballast 230-240V. Class I.**
  - M070322: HIT 1x35W. 155x83x32mm.
  - M070422: HIT 2x35W. 180x80x34mm.

- **Electronic ballast transformer 230-240V/12V. Class II. Dimmable by trailing or leading edge external dimmers.**
  - M070211: 10-60W. 123x32x23mm.
  - M070412: 35-105W. 102x51x30mm.
  - M072111: 35-150W. 190x38x34mm.
<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Class</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M049265</td>
<td>QR111 (G53) 12V 1xmax100W</td>
<td>☐</td>
<td>1,20kg</td>
</tr>
<tr>
<td>M049255</td>
<td>HIR111-CE-P (GX8,5) 1xmax70W</td>
<td>☐</td>
<td>1,20kg</td>
</tr>
<tr>
<td>M049365</td>
<td>QR111 (G53) 12V 2xmax100W</td>
<td>☐</td>
<td>1,90kg</td>
</tr>
<tr>
<td>M049355</td>
<td>HIR111-CE-P (GX8,5) 2xmax70W</td>
<td>☐</td>
<td>1,90kg</td>
</tr>
<tr>
<td>M049465</td>
<td>QR111 (G53) 12V 3xmax100W</td>
<td>☐</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M049455</td>
<td>HIR111-CE-P (GX8,5) 3xmax70W</td>
<td>☐</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M049865</td>
<td>QR111 (G53) 12V 2xmax100W + HIR111-CE-P (GX8,5) 1xmax70W</td>
<td>☐</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M049965</td>
<td>QR111 (G53) 12V 1xmax100W + HIR111-CE-P (GX8,5) 2xmax70W</td>
<td>☐</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M049565</td>
<td>QR111 (G53) 12V 4xmax100W</td>
<td>☐</td>
<td>3,20kg</td>
</tr>
<tr>
<td>M049555</td>
<td>HIR111-CE-P (GX8,5) 4xmax70W</td>
<td>☐</td>
<td>3,20kg</td>
</tr>
</tbody>
</table>
JAVA 180

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Class</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M049665</td>
<td>QR111 (G53) 12V 4x70W</td>
<td>20°</td>
<td>2.90kg</td>
</tr>
<tr>
<td>M049655</td>
<td>HIR111-CE-P (GX8,5) 4x70W</td>
<td>70°</td>
<td>2.90kg</td>
</tr>
</tbody>
</table>

JAVA 180 CONTROL GEARS

Electronic transformer 230-240V/12V. Class II. Dimmable by trailing or leading edge external dimmers.

- M070211 10-60W. 123x32x23mm.
- M070412 35-105W. 102x51x30mm.
- M072111 35-150W. 190x38x34mm.

Electronic ballast 230-240V. Class I.

- M070322 HIT 1x35W. 155x83x32mm.
- M070422 HIT 2x35W. 180x80x34mm.
- M070522 HIT 1x70W. 150x80x35mm.

AUDI, GLASGOW (GB), SDA ARCHITECTS.
**JAVA 208**

<table>
<thead>
<tr>
<th>HIT-CE (G12)</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M183305</td>
<td>HIT-CE (G12) 1xmax150W 2x10°</td>
<td>1,80kg</td>
<td></td>
</tr>
<tr>
<td>M183405</td>
<td>HIT-CE (G12) 1xmax150W 2x20°</td>
<td>1,80kg</td>
<td></td>
</tr>
<tr>
<td>M183505</td>
<td>HIT-CE (G12) 1xmax150W 2x30°</td>
<td>1,80kg</td>
<td></td>
</tr>
</tbody>
</table>

*IP20 960° grey*

**JAVA 208 CONTROL GEARS**

- Electronic ballast 230-240V. Class I.
- M070322 For HIT 1x35W. 155x83x32mm.
- M070422 For HIT 2x35W. 180x80x34mm.
- M070522 For HIT 1x70W. 150x80x35mm.
- M070622 For HIT 1x150W. 150x90x40mm.

*photometric data: see page 420-421.*
**JAVA II DOWNLIGHT**

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Class</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M139420</td>
<td>QR-CBC51 (GU5,3) 12V 1xmax50W</td>
<td></td>
<td>0,45kg</td>
</tr>
<tr>
<td>M139520</td>
<td>HIPAR51-CE-P (GX10) 1xmax35W</td>
<td></td>
<td>0,45kg</td>
</tr>
<tr>
<td>M138820</td>
<td>LED (GU10) 230-240V</td>
<td></td>
<td>0,45kg</td>
</tr>
</tbody>
</table>

**JAVA II WALL WASHER**

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Class</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M139720</td>
<td>QR-CBC51 (GU5,3) 12V 1xmax50W</td>
<td></td>
<td>0,55kg</td>
</tr>
<tr>
<td>M139820</td>
<td>HIPAR51-CE-P (GX10) 1xmax35W</td>
<td></td>
<td>0,55kg</td>
</tr>
<tr>
<td>M138920</td>
<td>LED (GU10) 230-240V</td>
<td></td>
<td>0,55kg</td>
</tr>
</tbody>
</table>

**JAVA II CONTROL GEARS**

- **M070211**  Electronic transformer 10-60W, 230-240V/12V. 123x32x32mm. Class II. Dimmable by trailing or leading edge external dimmers.

- **M070322**  Electronic ballast 230-240V. Class I. For HIT 1x35W. 155x83x32mm.
**JAVA LINEAR SYSTEM MULTISPOT RECESSED STRUCTURE**

![Illustration of a recessed lighting structure]

**Specifications:**
- IP20 960°
- grey

<table>
<thead>
<tr>
<th>CODE</th>
<th>VERSION</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M182060</td>
<td>For 1 lighting module</td>
<td>360mm</td>
<td>2.50kg</td>
</tr>
<tr>
<td>M182160</td>
<td>For 3 lighting modules</td>
<td>1075mm</td>
<td>4.20kg</td>
</tr>
</tbody>
</table>

**JAVA LINEAR SYSTEM MULTISPOT LIGHTING MODULE**

![Illustration of a lighting module]

**Specifications:**
- QR-CBC51 (GU5,3) 12V 3x50W
- HIPAR51-CE-P (GX10) 3x35W
- QR-CBC51 (GU5,3) 12V 2x50W + HIPAR51-CE-P (GX10) 1x35W
- QR-CBC51 (GU5,3) 12V 1x50W + HIPAR51-CE-P (GX10) 2x35W

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>CLASS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M182210</td>
<td>QR-CBC51 (GU5,3) 12V 3x50W</td>
<td></td>
<td>0.90kg</td>
</tr>
<tr>
<td>M182510</td>
<td>HIPAR51-CE-P (GX10) 3x35W</td>
<td></td>
<td>0.90kg</td>
</tr>
<tr>
<td>M182310</td>
<td>QR-CBC51 (GU5,3) 12V 2x50W + HIPAR51-CE-P (GX10) 1x35W</td>
<td></td>
<td>0.90kg</td>
</tr>
<tr>
<td>M182410</td>
<td>QR-CBC51 (GU5,3) 12V 1x50W + HIPAR51-CE-P (GX10) 2x35W</td>
<td></td>
<td>0.90kg</td>
</tr>
</tbody>
</table>

**JAVA LINEAR SYSTEM MULTISPOT ACCESSORIES**

- **M18260** Cover (blind panel) 356mm.
- **M183060** End terminal (set of 2).
- **M183160** Intermediate connector for combining JAVA LINEAR SYSTEM MULTISPOT and JAVA LINEAR SYSTEM DARK LIGHT or DIFFUSER.

**JAVA LINEAR SYSTEM COMBINATION**

![Illustration of a linear system combination]

**Specifications:**
- Electronic transformer 230-240V/12V. Class II. Dimmable by trailing or leading edge external dimmers.
- Electronic ballast 230-240V. Class I.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>LIGHT SOURCE</th>
<th>CLASS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M070211</td>
<td>For 1 lighting module</td>
<td>QR-CBC51 (GU5,3)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>M070422</td>
<td>For 3 lighting modules</td>
<td>HIPAR51-CE-P (GX10)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>M070322</td>
<td>End terminal (set of 2)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M072111</td>
<td>Intermediate connector for combining JAVA LINEAR SYSTEM MULTISPOT and JAVA LINEAR SYSTEM DARK LIGHT or DIFFUSER.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### JAVA LINEAR SYSTEM DARK LIGHT

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M170000</td>
<td>T16 (G5) 1x24W non dimmable</td>
<td>570mm</td>
<td>2,40kg</td>
</tr>
<tr>
<td>M170100</td>
<td>T16 (G5) 1x54W non dimmable</td>
<td>1170mm</td>
<td>4,20kg</td>
</tr>
<tr>
<td>M170200</td>
<td>T16 (G5) 2x54W non dimmable</td>
<td>2340mm</td>
<td>8,40kg</td>
</tr>
<tr>
<td>M170107</td>
<td>T16 (G5) 1x54W non dimmable + emergency 1h</td>
<td>1170mm</td>
<td>4,80kg</td>
</tr>
<tr>
<td>M170001</td>
<td>T16 (G5) 1x24W dimmable DALI</td>
<td>570mm</td>
<td>2,40kg</td>
</tr>
<tr>
<td>M170101</td>
<td>T16 (G5) 1x54W dimmable DALI</td>
<td>1170mm</td>
<td>4,20kg</td>
</tr>
<tr>
<td>M170201</td>
<td>T16 (G5) 2x28-54W dimmable DALI</td>
<td>2340mm</td>
<td>8,40kg</td>
</tr>
</tbody>
</table>

### JAVA LINEAR SYSTEM DIFFUSER

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M170300</td>
<td>T16 (G5) 1x24W non dimmable</td>
<td>570mm</td>
<td>2,40kg</td>
</tr>
<tr>
<td>M170400</td>
<td>T16 (G5) 1x54W non dimmable</td>
<td>1170mm</td>
<td>4,20kg</td>
</tr>
<tr>
<td>M170500</td>
<td>T16 (G5) 2x54W non dimmable</td>
<td>2200mm</td>
<td>8,20kg</td>
</tr>
<tr>
<td>M170407</td>
<td>T16 (G5) 1x54W non dimmable + emergency 1h</td>
<td>1170mm</td>
<td>4,80kg</td>
</tr>
<tr>
<td>M170301</td>
<td>T16 (G5) 1x24W dimmable DALI</td>
<td>570mm</td>
<td>2,40kg</td>
</tr>
<tr>
<td>M170401</td>
<td>T16 (G5) 1x54W dimmable DALI</td>
<td>1170mm</td>
<td>4,20kg</td>
</tr>
<tr>
<td>M170501</td>
<td>T16 (G5) 2x28-54W dimmable DALI</td>
<td>2200mm</td>
<td>8,20kg</td>
</tr>
</tbody>
</table>

### JAVA LINEAR SYSTEM ACCESSORIES

- **M170900**: End caps (set of 2). 31mm. For DARK LIGHT AND DIFFUSER versions.
- **INTERACTIVE-DALI** components: see page 409.
JAVA WALL WASHER

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M049700</td>
<td>T16 (G5) 1x24W</td>
<td>2,30kg</td>
</tr>
</tbody>
</table>

JAVA LINEAR SYSTEM WALL WASHER

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M170600</td>
<td>T16 (G5) 1x24W non dimmable</td>
<td>2,20kg</td>
</tr>
<tr>
<td>M170700</td>
<td>T16 (G5) 1x54W non dimmable</td>
<td>3,80kg</td>
</tr>
<tr>
<td>M170800</td>
<td>T16 (G5) 2x54W non dimmable</td>
<td>7,20kg</td>
</tr>
<tr>
<td>M170601</td>
<td>T16 (G5) 1x24W dimmable DALI</td>
<td>2,20kg</td>
</tr>
<tr>
<td>M170701</td>
<td>T16 (G5) 1x54W dimmable DALI</td>
<td>3,80kg</td>
</tr>
<tr>
<td>M170801</td>
<td>T16 (G5) 2x28-54W dimmable DALI</td>
<td>7,20kg</td>
</tr>
</tbody>
</table>

JAVA LINEAR SYSTEM WALL WASHER ACCESSORIES

<table>
<thead>
<tr>
<th>CODE</th>
<th>ACCESSORY</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>M171000</td>
<td>End caps (set of 2)</td>
<td>31mm.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>For WALL WASHER version.</td>
</tr>
<tr>
<td></td>
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<td>grey</td>
</tr>
</tbody>
</table>

JAVA LINEAR SYSTEM WALL WASHER ISOLUX

Calculation parameters for issuing isolux curve diagrams 54W (n luminaires in continuous line): Length x height 10,00x3,00m. Reflectance factors ceiling/walls/floor 70/50/20%. Distance from wall to illuminate 1,00m. Distance from side wall 1,00m. Maintenance factor 0,90WF.

M170700  n luminaires in continuous line
Light source T16 (G5) 54W
Em (wall) 431lux
JAVA 172 SYSTEM

NEW
CEILING RECESSED SPOTLIGHTING SYSTEM CONSISTING OF A STRUCTURAL MODULE WITH FRAME MADE FROM ALUMINIUM AND STEEL, AND INTERCHANGEABLE OPTIC UNITS WITH INTEGRAL SPOTLIGHTS USING HIGH-PERFORMING LED, METAL-HALIDE AND 12V HALOGEN LAMPS.
• TO BE INSTALLED AS A SINGLE LUMINAIRE (STAND-ALONE) OR AS A CONTINUOUS SYSTEM (LINEAR).
• STAND-ALONE VERSION CAN TAKE FROM 1 TO 3 OPTIC UNITS.
• LINEAR VERSION CAN TAKE FROM 4 TO 6 OPTIC UNITS PER ONE MODULE.
• OPTIC UNITS ARE EITHER FIXED OR ADJUSTABLE, WITH A TILT ANGLE OF UP TO 40° OR 85° DEPENDING ON THE VERSION, AND ROTATION OF UP TO 355°.
• LAMPS CAN BE MAINTAINED WITHOUT THE NEED FOR TOOLS BY A SIMPLE QUARTER TURN ROTATION OF LAMPHOLDING RING.
• BLACK PAINTED STEEL COVER SYSTEM FOR FALSE CEILING AS AN OPTIONAL EXTRA.
• OPTIONAL BLIND PANELS FOR CLOSING THE POSITIONS WHERE NO ACCENT LIGHTING IS REQUESTED.
• REMOTE POWER SUPPLY UNITS ARE TO BE ORDERED SEPARATELY.
• HIT VERSION INCLUDES SAFETY GLASS.
• COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
JAVA 172 SYSTEM STAND-ALONE STRUCTURAL MODULE

<table>
<thead>
<tr>
<th>CODE</th>
<th>VERSION</th>
<th>OPENING</th>
<th>FRAME</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2127.0</td>
<td>For 1 optic unit</td>
<td>172x172mm</td>
<td>204x204mm</td>
<td>1,30kg</td>
</tr>
<tr>
<td>M2128.0</td>
<td>For 2 optic units</td>
<td>172x344mm</td>
<td>204x376mm</td>
<td>2,20kg</td>
</tr>
<tr>
<td>M2129.0</td>
<td>For 3 optic units</td>
<td>172x516mm</td>
<td>204x548mm</td>
<td>3,10kg</td>
</tr>
</tbody>
</table>

JAVA 172 SYSTEM LINEAR STRUCTURAL MODULE

<table>
<thead>
<tr>
<th>CODE</th>
<th>VERSION</th>
<th>OPENING</th>
<th>FRAME</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2130.0</td>
<td>For 4 optic unit</td>
<td>172x688mm</td>
<td>204x688mm</td>
<td>4,00kg</td>
</tr>
<tr>
<td>M2131.0</td>
<td>For 5 optic units</td>
<td>172x860mm</td>
<td>204x860mm</td>
<td>4,90kg</td>
</tr>
<tr>
<td>M2132.0</td>
<td>For 6 optic units</td>
<td>172x1032mm</td>
<td>204x1032mm</td>
<td>5,80kg</td>
</tr>
</tbody>
</table>

JAVA 172 SYSTEM COMPONENTS

M1912.0 End terminal for structural module (set of 2). Necessary only with JAVA 172 SYSTEM LINEAR.

M1905.0 For 1 unit. 172x172 mm.
M2166.0 For 2 units. 172x344 mm.
M2167.0 For 3 units. 172x516 mm.
Blind panel in painted steel.

M215210 For 1 unit.
M215310 For 2 units.
M215410 For 3 units.
M215510 For 6 units.
Upper cover in painted steel for false-ceiling.

M215610 End terminal for upper cover (set of 2).

JAVA 172 SYSTEM FIXED OPTIC UNITS

LED QR111 (G53) HIT-CE (G12)

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1914.0-</td>
<td>LED 33W WARM WHITE 3000K</td>
<td>1,30kg</td>
</tr>
<tr>
<td>M1913.0-</td>
<td>LED 33W NEUTRAL WHITE 4000K</td>
<td>1,30kg</td>
</tr>
<tr>
<td>M1917.0</td>
<td>QR111 (G53) 12V max100W</td>
<td>1,10kg</td>
</tr>
<tr>
<td>M1918.0-</td>
<td>HIT-CE (G12) max150W</td>
<td>1,10kg</td>
</tr>
</tbody>
</table>

*Item number must be completed with the code of the reflector. See next page.

power supply units: see page 75.
photometric data: see page 419-420.
**JAVA 172 SYSTEM ADJUSTABLE OPTIC UNITS TILT 40°**

<table>
<thead>
<tr>
<th>LED</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>QR111 (G53)</td>
<td>M1914.5-*</td>
<td>LED 33W WARM WHITE 3000K</td>
<td>1,30kg</td>
</tr>
<tr>
<td>HIT-CE (G12)</td>
<td>M1913.5-*</td>
<td>LED 33W NEUTRAL WHITE 4000K</td>
<td>1,30kg</td>
</tr>
<tr>
<td></td>
<td>M1917.5</td>
<td>QR111 (G53) 12V max100W</td>
<td>1,30kg</td>
</tr>
<tr>
<td></td>
<td>M1918.5-*</td>
<td>HIT-CE (G12) max150W</td>
<td>1,30kg</td>
</tr>
</tbody>
</table>

* Item number must be completed with the code of the reflector. See below.

**JAVA 172 SYSTEM ADJUSTABLE OPTIC UNITS TILT 85°**

<table>
<thead>
<tr>
<th>LED</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>QR111 (G53)</td>
<td>M1914.5-*</td>
<td>LED 33W WARM WHITE 3000K</td>
<td>1,30kg</td>
</tr>
<tr>
<td>HIT-CE (G12)</td>
<td>M1913.4-*</td>
<td>LED 33W NEUTRAL WHITE 4000K</td>
<td>1,30kg</td>
</tr>
<tr>
<td></td>
<td>M1917.4</td>
<td>QR111 (G53) 12V max100W</td>
<td>1,30kg</td>
</tr>
<tr>
<td></td>
<td>M1918.4-*</td>
<td>HIT-CE (G12) max150W</td>
<td>1,30kg</td>
</tr>
</tbody>
</table>

* Item number must be completed with the code of the reflector. See below.

**JAVA 172 SYSTEM REFLECTORS FOR OPTIC UNITS**

- **Aluminium reflector for HIT version.**
  - MFL: Medium-flood (2x10° < angle ≤ 2x15°).
  - WFL: Wide-flood (2x20° < angle ≤ 2x30°).
  - VWFL: Very-wide-flood (angle > 2x30°).

- **Aluminium reflector for LED version.**
  - MFL: Medium-flood (2x10° < angle ≤ 2x15°).
  - FL: Flood (2x15° < angle ≤ 2x20°).

**JAVA 172 SYSTEM POWER SUPPLY UNITS**

- **Electronic transformer 230-240V/12V.**
  - Class II. Dimmable by trailing or leading edge external dimmers.
  - M070211: 10-60W. 123x32x23mm.
  - M070412: 35-105W. 102x51x30mm.
  - M072111: 35-150W. 190x38x34mm.

- **LED POWER SUPPLY 14-50W. IP20.**
  - Input voltage: 186-250DC/50-60Hz.
  - Output voltage: 31-62V. 220x83x35 mm.
  - M074530: Non dimmable.
  - M074531: Dimmable Dali/Switchdim/trailing edge.

- **Electronic ballast 230-240V. Class I.**
  - M070322: HIT 1x35W. 155x83x32mm.
  - M070422: HIT 2x35W. 180x80x34mm.
  - M070522: HIT 1x70W. 150x80x35mm.
  - M070622: HIT 1x150W. 150x90x40mm.
NOTHING RECESSED 172 SYSTEM
design ERNESTO GISMONDI

NEW
A ceiling recessed spotlighting system consisting of a trimless structural module made from aluminium that requires a finish coat of plaster, and interchangeable optic units with integral spotlights using high-performing LED, metal-halide and 12V halogen lamps.

- To be installed as a single luminaire (stand-alone) or as a continuous system (linear).
- Stand-alone version can take from 1 to 3 optic units.
- Linear version can take from 4 to 6 optic units per one module.
- Optic units are either fixed or adjustable, with a tilt angle of up to 40° or 85° depending on the version, and rotation of up to 355°.
- Lamps can be maintained without the need for tools by a simple quarter turn rotation of lamp holding ring.
- Black painted steel cover system for false ceiling as an optional extra.
- Optional blind panels for closing the positions where no accent lighting is requested.
- Remote power supply units are to be ordered separately.
- Hit version includes safety glass.
- Complies with standard EN60598-1 and other specific standards.
**NOTHING RECESSED 172 SYSTEM STAND-ALONE STRUCTURAL MODULE**

<table>
<thead>
<tr>
<th>CODE</th>
<th>VERSION</th>
<th>OPENING</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M214100</td>
<td>For 1 unit</td>
<td>172x172mm</td>
<td>1.30kg</td>
</tr>
<tr>
<td>M214200</td>
<td>For 2 units</td>
<td>172x344mm</td>
<td>2.20kg</td>
</tr>
<tr>
<td>M214300</td>
<td>For 3 units</td>
<td>172x516mm</td>
<td>3.10kg</td>
</tr>
</tbody>
</table>

**NOTHING RECESSED 172 SYSTEM LINEAR STRUCTURAL MODULE**

<table>
<thead>
<tr>
<th>CODE</th>
<th>VERSION</th>
<th>OPENING</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M214400</td>
<td>For 4 units</td>
<td>172x688mm</td>
<td>4.00kg</td>
</tr>
<tr>
<td>M214500</td>
<td>For 5 units</td>
<td>172x860mm</td>
<td>4.90kg</td>
</tr>
<tr>
<td>M214600</td>
<td>For 6 units</td>
<td>172x1032mm</td>
<td>5.80kg</td>
</tr>
</tbody>
</table>

**NOTHING RECESSED 172 SYSTEM COMPONENTS**

- **M190600** End terminal for structural module (set of 2). Necessary only with NOTHING RECESSED 172 SYSTEM LINEAR.
  - **M1905.0** For 1 unit. 172x172 mm.
  - **M2166.0** For 2 units. 172x344 mm.
  - **M2167.0** For 3 units. 172x516 mm.
  - **M215210** Upper cover in painted steel for false-ceiling.
  - **M215310** For 1 unit.
  - **M215410** For 2 units.
  - **M215510** For 3 units.

- **M195610** End terminal for upper cover (set of 2).

**NOTHING RECESSED 172 SYSTEM FIXED OPTIC UNITS**

- **LED**
  - **QR111 (G53)**
  - **HIT-CE (G12)**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1914.0-*</td>
<td>LED 33W WARM WHITE 3000K</td>
<td>1.30kg</td>
</tr>
<tr>
<td>M1913.0-*</td>
<td>LED 33W NEUTRAL WHITE 4000K</td>
<td>1.30kg</td>
</tr>
<tr>
<td>M1917.0</td>
<td>QR111 (G53) 12V max100W</td>
<td>1.30kg</td>
</tr>
<tr>
<td>M1918.0-*</td>
<td>HIT-CE (G12) 12V max150W</td>
<td>1.30kg</td>
</tr>
</tbody>
</table>

* Item number must be completed with the code of the reflector. See next page.
NOTHING RECESSED 172 SYSTEM ADJUSTABLE OPTIC UNITS TILT 40°

<table>
<thead>
<tr>
<th>LED</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>QR111 (G53)</td>
<td>M1914.5-*</td>
<td>LED 33W WARM WHITE 3000K</td>
<td>1,30kg</td>
</tr>
<tr>
<td>HIT-CE (G12)</td>
<td>M1913.5-*</td>
<td>LED 33W NEUTRAL WHITE 4000K</td>
<td>1,30kg</td>
</tr>
<tr>
<td>QR111 (G53)</td>
<td>M1917.5</td>
<td>QR111 (G53) 12V max100W</td>
<td>1,30kg</td>
</tr>
<tr>
<td>HIT-CE (G12)</td>
<td>M1918.5-*</td>
<td>HIT-CE (G12) max150W</td>
<td>1,30kg</td>
</tr>
</tbody>
</table>

* Item number must be completed with the code of the reflector. See below.  
**Photometric data:** see page 422-423.

NOTHING RECESSED 172 SYSTEM ADJUSTABLE OPTIC UNITS TILT 85°

<table>
<thead>
<tr>
<th>LED</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>QR111 (G53)</td>
<td>M1914.4-*</td>
<td>LED 33W WARM WHITE 3000K</td>
<td>1,30kg</td>
</tr>
<tr>
<td>HIT-CE (G12)</td>
<td>M1913.4-*</td>
<td>LED 33W NEUTRAL WHITE 4000K</td>
<td>1,30kg</td>
</tr>
<tr>
<td>QR111 (G53)</td>
<td>M1917.4</td>
<td>QR111 (G53) 12V max100W</td>
<td>1,30kg</td>
</tr>
<tr>
<td>HIT-CE (G12)</td>
<td>M1918.4-*</td>
<td>HIT-CE (G12) max150W</td>
<td>1,30kg</td>
</tr>
</tbody>
</table>

* Item number must be completed with the code of the reflector. See below.  
**Photometric data:** see page 422-423.

NOTHING RECESSED 172 SYSTEM REFLECTORS FOR OPTIC UNITS

- Aluminium reflector for HIT version.  
  - MFL: Medium-flood ($2 \times 10^\circ < \text{angle} \leq 2 \times 15^\circ$)  
  - WFL: Wide-flood ($2 \times 20^\circ < \text{angle} \leq 2 \times 30^\circ$).  
  - VWFL: Very-wide-flood ($\text{angle} > 2 \times 30^\circ$).  

- Aluminium reflector for LED version.  
  - MFL: Medium-flood ($2 \times 10^\circ < \text{angle} \leq 2 \times 15^\circ$).  
  - FL: Flood ($2 \times 15^\circ < \text{angle} \leq 2 \times 20^\circ$).

NOTHING RECESSED 172 SYSTEM POWER SUPPLY UNITS

- Electronic transformer 230-240V/12V. Class II. Dimmable by trailing or leading edge external dimmers.  
  - M070211: 10-40W. 123x32x23mm.  
  - M070412: 35-105W. 102x51x30mm.  
  - M072111: 35-150W. 190x38x34mm.  
  - Input voltage: 186-250DC/50-60Hz.  
  - Output voltage: 31-62V. 220x83x35 mm.  
  - M074530: Non dimmable.  
  - M074531: Dimmable DALI/Switchdim/trailing edge.  

- Electronic ballast 230-240V. Class I.  
  - M070322: HIT 1x35W. 155x83x32mm.  
  - M070422: HIT 2x35W. 180x80x34mm.  
  - M070522: HIT 1x70W. 150x80x35mm.  
  - M070622: HIT 1x150W. 150x90x40mm.
NOTHING

design ERNESTO GISMONDI
NOTHING RECESSED

- Created with the purpose of making the lighting fixture disappear completely into the false ceiling as to solely draw attention to the lighting effects, NOTHING is a complete range of recessed luminaires, whose installation requires a finish coat of plaster.
- Recessing frame is made of aluminium.
- Remote control gear.
- Complies with standard EN60598-1 and other specific standards.

NOTHING RECESSED ROUND
- A range of fixed and adjustable downlights using 12V halogen and metal halide lamps.
- 2 diameter options: Ø105 and Ø155mm.
- Tilt angle options: up to 32°.
- Optional ring in injection moulded plastic with white finish for an installation without plaster finish coat. Fitting by one quarter turn rotation.

NOTHING RECESSED SQUARE/RECTANGULAR
- Adjustable downlights using QR111 12V halogen and HIR111 metal halide lamps.
- 5 models: square with 1 and 4 lamps, rectangular with 2, 3 and 4 lamps.
- Each spotlight may be adjusted individually with a tilt angle ranging from -20° to +70°, and rotation of up to 355°.

NOTHING RECESSED 86
- Fixed downlights using 12V dichroic halogen and 230-240V LED lamps.
- Body is made from steel, lampholding ring from aluminium.
- 2 lighting options: downlighting (vertical) and wall washer lighting (30°).

NOTHING RECESSED WALL WASHER
- Single luminaires using 24W, 39W or 54W T16 fluorescent lamps.
- Asymmetric aluminium optic.
- Integral electronic control gear.

NOTHING RECESSED LINEAR SYSTEM
See page 90.
NOTHING RECESSED ROUND

Ø105 FIX AND ADJUSTABLE
QR-CBC51 (GU5,3)
HIPAR51-CE-P (GX10)

Ø155 ADJUSTABLE
QR111 (G53)
HIR111-CE-P (GX8,5)
HIT-TC-CE (G8,5)
HIT-CE (G12)

NOTHING RECESSED SQUARE/RECTANGULAR

SQUARE 1 LAMP
QR111 (G53)
HIR111-CE-P (GX8,5)

RECTANGULAR 2 LAMPS
QR111 (G53)
HIR111-CE-P (GX8,5)

RECTANGULAR 3 LAMPS
QR111 (G53)
HIR111-CE-P (GX8,5)

RECTANGULAR 4 LAMPS
QR111 (G53)
HIR111-CE-P (GX8,5)

SQUARE 4 LAMPS
QR111 (G53)
HIR111-CE-P (GX8,5)

NOTHING RECESSED 86

DOWNLIGHT
QR-CBC51 (GU5,3)
LED (GU10)

WALL WASHER
QR-CBC51 (GU5,3)
LED (GU10)

NOTHING RECESSED WALL WASHER

WALL WASHER
T16 (G5)

NOTHING RECESSED LINEAR SYSTEM

MULTISpot
QR-CBC51 (GU5,3)
HIPAR51-CE-P (GX10)

DARK LIGHT
T16 (G5)

DIFFUSER
T16 (G5)

WALL WASHER
T16 (G5)
**NOTHING RECESSED ROUND Ø105 FIX**

<table>
<thead>
<tr>
<th>QR-CBC51 (GU5,3)</th>
<th>HIPAR51-CE-P (GX10)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CODE</td>
<td>LIGHT SOURCE</td>
</tr>
<tr>
<td>M062620</td>
<td>QR-CBC51 (GU5,3) 12V max50W</td>
</tr>
<tr>
<td>M062720</td>
<td>HIPAR51-CE-P (GX10) max35W</td>
</tr>
</tbody>
</table>

**NOTHING RECESSED ROUND Ø105 ADJUSTABLE**

<table>
<thead>
<tr>
<th>QR-CBC51 (GU5,3)</th>
<th>HIPAR51-CE-P (GX10)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CODE</td>
<td>LIGHT SOURCE</td>
</tr>
<tr>
<td>M064020</td>
<td>QR-CBC51 (GU5,3) 12V max50W</td>
</tr>
<tr>
<td>M064120</td>
<td>HIPAR51-CE-P (GX10) max35W</td>
</tr>
</tbody>
</table>

**NOTHING RECESSED ROUND Ø105 ACCESSORIES**

- **M064900** Ring in injection moulded plastic. Ø165mm. White finish.
- **M070211** Electronic transformer 230-240V/12V. Class II. Dimmable by trailing or leading edge external dimmers.
  - M070211 10-60W. 123x32x23mm.
  - M070412 35-105W. 102x51x30mm.
- **M070032** Electronic ballast 230-240V. Class I. For HIPAR51-CE-P (GX10) 1x35W. 132x64x37mm.
**NOTHING RECESSED ROUND Ø155 ADJUSTABLE**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>CLASS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M064420</td>
<td>QR111 (G53) 12V max100W</td>
<td></td>
<td>1,20kg</td>
</tr>
<tr>
<td>M064720</td>
<td>HIR111-CE-P (G8,5) 35/70W</td>
<td></td>
<td>1,20kg</td>
</tr>
<tr>
<td>M064620</td>
<td>HIT-TC-CE (G8,5) 20/35/70W 2x10°</td>
<td></td>
<td>1,30kg</td>
</tr>
<tr>
<td>M063220</td>
<td>HIT-TC-CE (G8,5) 20/35/70W 2x20°</td>
<td></td>
<td>1,30kg</td>
</tr>
<tr>
<td>M063520</td>
<td>HIT-CE (G12) 70W 2x10°</td>
<td></td>
<td>1,30kg</td>
</tr>
<tr>
<td>M063620</td>
<td>HIT-CE (G12) 70W 2x20°</td>
<td></td>
<td>1,30kg</td>
</tr>
<tr>
<td>M064820</td>
<td>HIT-CE (G12) 150W 2x10°</td>
<td></td>
<td>1,30kg</td>
</tr>
<tr>
<td>M063320</td>
<td>HIT-CE (G12) 150W 2x20°</td>
<td></td>
<td>1,30kg</td>
</tr>
</tbody>
</table>

**NOTHING RECESSED ROUND Ø155 ACCESSORIES**

- **M065000** Ring in injection moulded plastic. Ø215mm. White finish.
- **M080085** UV filter. For NOTHING Ø155mm Hit series.
- **M070211, M070412** Electronic transformer 230-240V/12V. Class II. Dimmable by trailing or leading edge external dimmers. 10-60W: 123x32x23mm. 35-105W: 102x51x30mm.
- **M070322, M070522, M070622** Electronic ballast 230-240V. Class I. For HIT 1x35W: 155x83x32mm. For HIT 1x70W: 150x80x35mm. For HIT 1x150W: 150x90x40mm.

Photometric data: see page 422.
## NOTHING RECESSED SQUARE/RECTANGULAR

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Class</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M069025</td>
<td>QR111 (G53) 12V 1xmax100W</td>
<td></td>
<td>0,90kg</td>
</tr>
<tr>
<td>M069055</td>
<td>HIR111-CE-P (GX8,5) 1xmax70W</td>
<td></td>
<td>0,90kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Class</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M069125</td>
<td>QR111 (G53) 12V 2xmax100W</td>
<td></td>
<td>1,60kg</td>
</tr>
<tr>
<td>M069155</td>
<td>HIR111-CE-P (GX8,5) 2xmax70W</td>
<td></td>
<td>1,60kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Class</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M069225</td>
<td>QR111 (G53) 12V 3xmax100W + HIR111-CE-P (GX8,5) 1xmax70W</td>
<td></td>
<td>2,10kg</td>
</tr>
<tr>
<td>M069255</td>
<td>QR111 (G53) 12V 3xmax100W + HIR111-CE-P (GX8,5) 3xmax70W</td>
<td></td>
<td>2,10kg</td>
</tr>
<tr>
<td>M069525</td>
<td>QR111 (G53) 12V 2xmax100W + HIR111-CE-P (GX8,5) 1xmax70W</td>
<td></td>
<td>2,10kg</td>
</tr>
<tr>
<td>M069625</td>
<td>QR111 (G53) 12V 1xmax100W + HIR111-CE-P (GX8,5) 2xmax70W</td>
<td></td>
<td>2,10kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Class</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M069325</td>
<td>QR111 (G53) 12V 4xmax100W</td>
<td></td>
<td>2,70kg</td>
</tr>
<tr>
<td>M069355</td>
<td>HIR111-CE-P (GX8,5) 4xmax70W</td>
<td></td>
<td>2,70kg</td>
</tr>
</tbody>
</table>
**NOTHING** RECESSED SQUARE

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>CLASS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M069425</td>
<td>QR111 (G53) 12V 4x100W</td>
<td></td>
<td>2.70kg</td>
</tr>
<tr>
<td>M069455</td>
<td>HIR111-CE-P (GX8,5) 4x70W</td>
<td></td>
<td>2.70kg</td>
</tr>
</tbody>
</table>

**NOTHING** RECESSED SQUARE/RECTANGULAR CONTROL GEARS

- Electronic transformer 230-240V/12V. Class II. Dimmable by trailing or leading edge external dimmers.
  - M070211 10-60W. 123x32x23mm.
  - M070412 35-105W. 102x51x30mm.
  - M072111 35-150W. 190x38x34mm.

- Electronic ballast 230-240V. Class I.
  - M070322 For HIT 1x35W. 155x83x32mm.
  - M070422 For HIT 2x35W. 180x80x34mm.
  - M070522 For HIT 1x70W. 150x80x35mm.

---

WATT 13 HOTEL, MILAN (I), CHIARA CABERLON - CABERLON CAROPPI HOTEL DESIGN.
NOTHING RECESSED 86 DOWNLIGHT

QR-CBC51 (GU5,3)  LED (GU10)
CODE LIGHT SOURCE CLASS WEIGHT
M139000 QR-CBC51 (GU5,3) 12V max50W 0,40kg
M137800 LED (GU10) 230-240V 0,40kg

NOTHING RECESSED 86 WALL WASHER

QR-CBC51 (GU5,3)  LED (GU10)
CODE LIGHT SOURCE CLASS WEIGHT
M139200 QR-CBC51 (GU5,3) 12V max50W 0,50kg
M137900 LED (GU10) 230-240V 0,50kg

NOTHING RECESSED 86 CONTROL GEAR

M070211  Electronic transformer 10-60W, 230-240V/12V. 123x32x32mm. Class II. Dimmable by trailing or leading edge external dimmers.

NOTHING RECESSED WALL WASHER

T16 (G5)
CODE LIGHT SOURCE LENGTH WEIGHT
M067920 T16 (G5) 1x24W non dimmable 568mm 642x164 2,20kg
M068120 T16 (G5) 1x39W non dimmable 868mm 942x164 3,00kg
M068520 T16 (G5) 1x54W non dimmable 1168mm 1242x164 3,80kg
M068220 T16 (G5) 1x39W dimmable DALI 868mm 942x164 3,00kg
M068620 T16 (G5) 1x54W dimmable DALI 1168mm 1242x164 3,80kg

photometric data: see page 427.
MODULAR SYSTEM TO BE INSTALLED IN A CONTINUOUS LINE OR AS SINGLE LUMINAIRES.
COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARD.

NOTHING RECESSED LINEAR SYSTEM FLUORESCENT
EMISSION TYPES: DARK LIGHT (WITH OPTIC MADE OF SUPER PURE ALUMINIUM,) DIFFUSING (WITH OPALINE POLYCARBONATE DIFFUSER) AND WALL WASHER (WITH ALUMINIUM ASYMMETRIC REFLECTOR).
3 LENGTH OPTIONS: 570MM (1X24W T16), 1170MM (1X54W T16) AND 2200 OR 2340MM (2X54W T16).

DARK LIGHT EMISSION IS IN COMPLIANCE WITH EN 12464-1 STANDARD, WITH AVERAGE LUMINANCE LEVELS LOWER THAN THE 1000 CD/M² LIMIT FOR AN OBSERVATION ANGLE OF 65° OR ABOVE WITH RESPECT TO THE VERTICAL AXIS. LIGHT OUTPUT RATIO: 64%.
DIFFUSING VERSION IS DESIGNED WITH MOVABLE LAMPHOLDERS ENABLING THE OVERLAPPING OF LAMPS AS TO GUARANTEE UNIFORM DIFFUSION WITHOUT SHADOWS.
ELECTRONIC BALLAST OR DALI-SWITCHDIM DIMMABLE ELECTRONIC BALLAST.
END CAPS TO BE ORDERED SEPARATELY.

NOTHING RECESSED LINEAR SYSTEM MULTISPOT
SPOTLIGHTING SYSTEM CONSISTING OF A RECESSED STRUCTURE AVAILABLE IN 2 SIZE OPTIONS, AND LIGHTING MODULES WITH 3 INTEGRAL SPOTLIGHTS USING 12V HALOGEN AND METAL-HALIDE LAMPS.
EACH SPOTLIGHT MAY BE ADJUSTED BY UP TO 30° IN ALL DIRECTIONS.
COMBINATION WITH NOTHING LINEAR SYSTEM DIFFUSER AND DARK LIGHT VERSIONS POSSIBLE BY MEANS OF AN INTERMEDIATE CONNECTOR TO BE ORDERED SEPARATELY.
REMOTE CONTROL GEAR.
### NOTHING RECESSED LINEAR SYSTEM DARK LIGHT

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M171500</td>
<td>T16 (G5) 1x24W non dimmable</td>
<td>570mm</td>
<td>2,40kg</td>
</tr>
<tr>
<td>M171600</td>
<td>T16 (G5) 1x54W non dimmable</td>
<td>1170mm</td>
<td>4,20kg</td>
</tr>
<tr>
<td>M171700</td>
<td>T16 (G5) 2x54W non dimmable</td>
<td>2340mm</td>
<td>8,40kg</td>
</tr>
<tr>
<td>M171607</td>
<td>T16 (G5) 1x54W non dimmable + emergency 1h</td>
<td>1170mm</td>
<td>4,80kg</td>
</tr>
<tr>
<td>M171501</td>
<td>T16 (G5) 1x24W dimmable DALI</td>
<td>570mm</td>
<td>2,40kg</td>
</tr>
<tr>
<td>M171601</td>
<td>T16 (G5) 1x54W dimmable DALI</td>
<td>1170mm</td>
<td>4,20kg</td>
</tr>
<tr>
<td>M171701</td>
<td>T16 (G5) 2x28-54W dimmable DALI</td>
<td>2340mm</td>
<td>8,40kg</td>
</tr>
</tbody>
</table>

*photometric data: see page 427.*

### NOTHING RECESSED LINEAR SYSTEM DIFFUSER

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M171800</td>
<td>T16 (G5) 1x24W non dimmable</td>
<td>570mm</td>
<td>2,40kg</td>
</tr>
<tr>
<td>M171900</td>
<td>T16 (G5) 1x54W non dimmable</td>
<td>1170mm</td>
<td>4,20kg</td>
</tr>
<tr>
<td>M172000</td>
<td>T16 (G5) 2x54W non dimmable</td>
<td>2200mm</td>
<td>8,20kg</td>
</tr>
<tr>
<td>M171807</td>
<td>T16 (G5) 1x54W non dimmable + emergency 1h</td>
<td>1170mm</td>
<td>4,80kg</td>
</tr>
<tr>
<td>M171801</td>
<td>T16 (G5) 1x24W dimmable DALI</td>
<td>570mm</td>
<td>2,40kg</td>
</tr>
<tr>
<td>M171901</td>
<td>T16 (G5) 1x54W dimmable DALI</td>
<td>1170mm</td>
<td>4,20kg</td>
</tr>
<tr>
<td>M172001</td>
<td>T16 (G5) 2x28-54W dimmable DALI</td>
<td>2200mm</td>
<td>8,20kg</td>
</tr>
</tbody>
</table>

*photometric data: see page 427.*

### NOTHING RECESSED LINEAR SYSTEM ACCESSORIES

- **M172400** End caps (set of 2). For DARK LIGHT and DIFFUSER versions.

- **INTERACTIVE-DALI TECHNOLOGY**
  - INTERACTIVE-DALI components: see page 409.
NOTHING RECESSED LINEAR SYSTEM WALL WASHER

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M172100</td>
<td>T16 (G5) 1x24W non dimmable</td>
<td>570mm</td>
<td>2,20kg</td>
</tr>
<tr>
<td>M172200</td>
<td>T16 (G5) 1x54W non dimmable</td>
<td>1170mm</td>
<td>3,80kg</td>
</tr>
<tr>
<td>M172300</td>
<td>T16 (G5) 2x54W non dimmable</td>
<td>2340mm</td>
<td>7,20kg</td>
</tr>
<tr>
<td>M172101</td>
<td>T16 (G5) 1x24W dimmable DALI</td>
<td>570mm</td>
<td>2,20kg</td>
</tr>
<tr>
<td>M172201</td>
<td>T16 (G5) 1x54W dimmable DALI</td>
<td>1170mm</td>
<td>3,80kg</td>
</tr>
<tr>
<td>M172301</td>
<td>T16 (G5) 2x28-54W dimmable DALI</td>
<td>2340mm</td>
<td>7,20kg</td>
</tr>
</tbody>
</table>

photometric data: see page 427.

NOTHING RECESSED LINEAR SYSTEM WALL WASHER ACCESSORIES

M172500 End caps (set of 2). For WALL WASHER version.

NOTHING RECESSED LINEAR SYSTEM WALL WASHER ISOLUX

Calculation parameters for issuing isolux curve diagrams 54W (n luminaires in continuous line): Length x height: 10.00x3.00m. Reflectance factors ceiling/walls/floor 70/50/20%. Distance from wall to illuminate 1.00m. Distance from side wall: 1.00m. Maintenance factor 0.90WF.

M172200 n luminaires in continuous line
Light source T16 (G5) 54W
Em (wall) 431lux
NOTHING RECESSED LINEAR SYSTEM MULTISPOT RECESSED STRUCTURE

![Diagram of a recessed linear system recessed structure with dimensions and IP20 960°]

<table>
<thead>
<tr>
<th>CODE</th>
<th>VERSION</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M182700</td>
<td>For 1 lighting module</td>
<td>360mm</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M182800</td>
<td>For 3 lighting modules</td>
<td>1075mm</td>
<td>4,20kg</td>
</tr>
</tbody>
</table>

NOTHING RECESSED LINEAR SYSTEM MULTISPOT LIGHTING MODULE

![Diagram of a recessed linear system lighting module with QR-CBC51 (GU5,3) and HIPAR51-CE-P (GX10) light sources]

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>CLASS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M182210</td>
<td>QR-CBC51 (GU5,3) 12V 3xmax50W</td>
<td>0,90kg</td>
<td></td>
</tr>
<tr>
<td>M1822510</td>
<td>HIPAR51-CE-P (GX10) 3xmax35W</td>
<td>0,90kg</td>
<td></td>
</tr>
<tr>
<td>M182310</td>
<td>QR-CBC51 (GU5,3) 12V 2xmax50W + HIPAR51-CE-P (GX10) 1xmax35W</td>
<td>0,90kg</td>
<td></td>
</tr>
<tr>
<td>M182410</td>
<td>QR-CBC51 (GU5,3) 12V 1xmax50W + HIPAR51-CE-P (GX10) 2xmax35W</td>
<td>0,90kg</td>
<td></td>
</tr>
</tbody>
</table>

NOTHING RECESSED LINEAR SYSTEM MULTISPOT ACCESSORIES

- **M183260** Cover (blind panel) 356mm. (black)
- **M182900** End terminal (set of 2).
- **M183160** Intermediate connector for combining NOTHING RECESSED LINEAR SYSTEM MULTISPOT with NOTHING RECESSED LINEAR SYSTEM DARK LIGHT or DIFFUSER.
- **M070211** Electronic transformer 230-240V/12V. Class II. Dimmable by trailing or leading edge dimmers. 10-60W. 123x32x23mm. (black)
- **M070412** 35-105W. 102x51x30mm. (black)
- **M072111** 35-150W. 189x38x34mm. (black)
- **M070322** Electronic ballast 230-240V. Class I. HIT 1x35W. 155x83x32mm. (black)
- **M070422** HIT 2x35W. 180x80x34mm. (black)

NOTHING RECESSED LINEAR SYSTEM COMBINATION

![Diagram of a recessed linear system combination with various components and combinations]

*see page 91.
NOTHING CEILING
• A RANGE OF CEILING LIGHTS USING QR111 12V HALOGEN AND HIR111 METAL HALIDE LAMPS.
• 4 MODELS: SQUARE WITH 1 LAMP AND RECTANGULAR WITH 2, 3 OR 4 LAMPS.
• EXTRUDED ALUMINIUM BODY WITH A WHITE PAINT FINISH.
• EACH SPOTLIGHT MAY BE ADJUSTED INDIVIDUALLY WITH A TILT ANGLE OF UP TO 40° AND ROTATION OF UP 355°.
• ELECTRONIC CONTROL GEAR.
• COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
NOTHING CEILING
### NOTHING CEILING SQUARE

![Ceiling Square Diagram](image)

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M180020*</td>
<td>QR111 (G53) 12V 1xmax75W</td>
<td>2.20kg</td>
</tr>
</tbody>
</table>

### NOTHING CEILING RECTANGULAR

![Ceiling Rectangular Diagram](image)

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M180220*</td>
<td>QR111 (G53) 12V 2xmax75W</td>
<td>3.40kg</td>
</tr>
<tr>
<td>M181120*</td>
<td>QR111 (G53) 12V 1xmax75W + HIR111-CE-P (GX8,5) 1xmax35W</td>
<td>3.40kg</td>
</tr>
</tbody>
</table>

*Integral electronic transformer 230-240V/12V. Dimmable by trailing and leading edge external dimmer.*
ANDROMEDA

design ERNESTO GISMONDI

- A RANGE OF MULTISOURCE LUMINAIRES COMBINING DIFFUSED LIGHTING VIA T16 AND T16-R FLUORESCENT LAMPS AND ACCENT LIGHTING VIA 1, 2, 3 OR 4 ADJUSTABLE SPOTLIGHTS USING 12V HALOGEN AND METAL-HALIDE LAMPS.
- 3 OPTIONS AVAILABLE: RECESSED, CEILING, OR PENDANT WITH DIRECT LIGHTING.
- EXTRUDED ALUMINIUM BODY WITH GREY PAINT FINISH. POLYCARBONATE DIFFUSER. DIE-CAST ALUMINIUM SPOTLIGHTS IN STEEL BOXES WITH A BLACK PAINT FINISH.
- EACH SPOT CAN BE DIRECTED INDIIVIDUALLY: TILT ANGLE RANGING FROM -10° TO +70°, ROTATION OF UP TO 355°.
- THE RECESSED VERSION CAN BE INSTALLED INTO PLASTERBOARD FALSE CEILINGS, USING THE RECESSING FRAME PROVIDED, AND INTO FALSE CEILINGS SYSTEMS WITH 600x600MM AND 625x625MM MODULES.

- INTEGRAL ELECTRONIC CONTROL GEAR.
- INTEGRAL ELECTRONIC TRANSFORMER FOR THE HALOGEN ACCENT LIGHTING, DIMMABLE BY TRAILING EDGE EXTERNAL DIMMERS.
- 2 SEPARATE SWITCH CIRCUITS FOR THE INDEPENDENT CONTROL OF THE DIFFUSED AND ACCENT LIGHTING FUNCTIONS.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
ANDROMEDA RECESSED 300x300

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>T16-R (2GX13)</td>
<td>M115020</td>
<td>T16-R (2GX13) 1x22W + QR111 (G53) 12V 1x50W</td>
<td>3.50kg</td>
</tr>
<tr>
<td>QR111 (G53)</td>
<td>M115040</td>
<td>T16-R (2GX13) 1x22W + QR-CBC51 (GUS,5) 12V 1x50W</td>
<td>3.50kg</td>
</tr>
<tr>
<td>HIR111-CE-P (GX8,5)</td>
<td>M115050</td>
<td>T16-R (2GX13) 1x22W + HIR111-CE-P (GX8,5) 1x35W</td>
<td>3.50kg</td>
</tr>
</tbody>
</table>

photometric data: see page 419.

ANDROMEDA RECESSED 300x600

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>T16 (G5)</td>
<td>M115220</td>
<td>T16 (G5) 2x24W + QR111 (G53) 12V 2x50W</td>
<td>5.80kg</td>
</tr>
<tr>
<td>QR111 (G53)</td>
<td>M115240</td>
<td>T16 (G5) 2x24W + QR-CBC51 (GUS,5) 12V 2x50W</td>
<td>5.80kg</td>
</tr>
<tr>
<td>HIR111-CE-P (GX8,5)</td>
<td>M115250</td>
<td>T16 (G5) 2x24W + HIR111-CE-P (GX8,5) 2x35W</td>
<td>5.80kg</td>
</tr>
</tbody>
</table>

photometric data: see page 419.

ANDROMEDA RECESSED INSTALLATION INTO PLASTERBOARD FALSE CEILINGS

1st STEP
Screw the fixing frame onto the ceiling.

2nd STEP
Install finish frame. Apply plaster and paint coats.

3rd STEP
Recess the luminaire into the ceiling and screw to the fixing frame. Adjust luminaire recess depth if required.

1 Plasterboard false ceiling.
2 Fixing frame.
3 Finish frame.
4 Luminaire body.

5 Screws for fixing luminaire to the fixing frame.
6 Plaster finish coat + paint coat.
7 Height adjustment system.
ANDROMEDA RECESSED 300x900

<table>
<thead>
<tr>
<th>T16 (G5)</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>QR111 (G53)</td>
<td>M115320</td>
<td>T16 (G5) 2x21W + QR111 (G53) 12V 3xmax50W</td>
<td>8,2kg</td>
</tr>
<tr>
<td>QR-CBC51 (GU5,3)</td>
<td>M115340</td>
<td>T16 (G5) 2x21W + QR-CBC51 (GU5,3) 12V 3xmax50W</td>
<td>8,2kg</td>
</tr>
<tr>
<td>HIR111-CE-P (GX8,5)</td>
<td>M115350</td>
<td>T16 (G5) 2x21W + HIR111-CE-P (GX8,5) 3xmax35W</td>
<td>8,2kg</td>
</tr>
</tbody>
</table>

photometric data: see page 419.

ANDROMEDA RECESSED 300x1200

<table>
<thead>
<tr>
<th>T16 (G5)</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>QR111 (G53)</td>
<td>M115420</td>
<td>T16 (G5) 2x28W + QR111 (G53) 12V 4xmax50W</td>
<td>9,2kg</td>
</tr>
<tr>
<td>QR-CBC51 (GU5,3)</td>
<td>M115440</td>
<td>T16 (G5) 2x28W + QR-CBC51 (GU5,3) 12V 4xmax50W</td>
<td>9,2kg</td>
</tr>
<tr>
<td>HIR111-CE-P (GX8,5)</td>
<td>M115450</td>
<td>T16 (G5) 2x28W + HIR111-CE-P (GX8,5) 4xmax35W</td>
<td>9,2kg</td>
</tr>
</tbody>
</table>

photometric data: see page 419.
ANDROMEDA RECESSED 600x600

<table>
<thead>
<tr>
<th>T16 (G5)</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>QR111 (G53)</td>
<td>M115620</td>
<td>T16 (G5) 3x24W + QR111 (G53) 12V 4xmax50W</td>
<td>10,20kg</td>
</tr>
<tr>
<td>QR-CBC51 (GUS,3)</td>
<td>M115640</td>
<td>T16 (G5) 3x24W + QR-CBC51 (GUS,3) 12V 4xmax50W</td>
<td>10,20kg</td>
</tr>
<tr>
<td>HIR111-CE-P (GX8,5)</td>
<td>M115650</td>
<td>T16 (G5) 3x24W + HIR111-CE-P (GX8,5) 4xmax35W</td>
<td>10,20kg</td>
</tr>
</tbody>
</table>

photometric data: see page 419.

ANDROMEDA RECESSED 600x600 FOR FALSE CEILING 24MM GRID

<table>
<thead>
<tr>
<th>T16 (G5)</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>QR111 (G53)</td>
<td>M114920</td>
<td>T16 (G5) 3x24W + QR111 (G53) 12V 4xmax50W</td>
<td>9,40kg</td>
</tr>
<tr>
<td>QR-CBC51 (GUS,3)</td>
<td>M114940</td>
<td>T16 (G5) 3x24W + QR-CBC51 (GUS,3) 12V 4xmax50W</td>
<td>9,40kg</td>
</tr>
<tr>
<td>HIR111-CE-P (GX8,5)</td>
<td>M114950</td>
<td>T16 (G5) 3x24W + HIR111-CE-P (GX8,5) 4xmax35W</td>
<td>9,40kg</td>
</tr>
</tbody>
</table>

FALSE CEILING 635x625mm

| M114922 | T16 (G5) 3x24W + QR111 (G53) 12V 4xmax50W | 9,50kg |
| M114942 | T16 (G5) 3x24W + QR-CBC51 (GUS,3) 12V 4xmax50W | 9,50kg |
| M114952 | T16 (G5) 3x24W + HIR111-CE-P (GX8,5) 4xmax35W | 9,50kg |

photometric data: see page 419.

ANDROMEDA RECESSED INSTALLATION INTO FALSE CEILINGS SYSTEMS

1 Ceiling tile.
2 Main runner.
3 Luminaires.

WARNING
For installation in suspended ceilings with 24mm main runner only.
### ANDROMEDA CEILING 300x300

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Light Source Code</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M115720</td>
<td>T16-R (2GX13) 1x22W + QR111 (G53) 12V 1x24W</td>
<td>-</td>
<td>4.00kg</td>
</tr>
<tr>
<td>M115740</td>
<td>T16-R (2GX13) 1x22W + QR-CBC51 (G5U3) 12V 1x24W</td>
<td>-</td>
<td>4.00kg</td>
</tr>
<tr>
<td>M115750</td>
<td>T16-R (2GX13) 1x22W + HIR111-CE-P (GX8) 1x75W</td>
<td>-</td>
<td>4.00kg</td>
</tr>
</tbody>
</table>

**IP20 85° grey**

Photometric data: see page 428.

### ANDROMEDA CEILING 300x600

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Light Source Code</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M115920</td>
<td>T16 (G5) 2x24W + QR111 (G53) 12V 1x50W</td>
<td>-</td>
<td>6.80kg</td>
</tr>
<tr>
<td>M115940</td>
<td>T16 (G5) 2x24W + QR-CBC51 (G5U3) 12V 1x50W</td>
<td>-</td>
<td>6.80kg</td>
</tr>
<tr>
<td>M115950</td>
<td>T16 (G5) 2x24W + HIR111-CE-P (GX8) 1x35W</td>
<td>-</td>
<td>6.80kg</td>
</tr>
</tbody>
</table>

**IP20 85° grey**

Photometric data: see page 428.

### ANDROMEDA CEILING 300x900

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Light Source Code</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M116020</td>
<td>T16 (G5) 2x21W + QR111 (G53) 12V 3x50W</td>
<td>-</td>
<td>9.40kg</td>
</tr>
<tr>
<td>M116040</td>
<td>T16 (G5) 2x21W + QR-CBC51 (G5U3) 12V 3x50W</td>
<td>-</td>
<td>9.40kg</td>
</tr>
<tr>
<td>M116050</td>
<td>T16 (G5) 2x21W + HIR111-CE-P (GX8) 3x35W</td>
<td>-</td>
<td>9.40kg</td>
</tr>
</tbody>
</table>

**IP20 85° grey**

Photometric data: see page 428.
ANDROMEDA CEILING 300x1200

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M116120</td>
<td>T16 (G5) 2x28W + QR111 (G53) 12V 4xmax50W</td>
<td>11,90kg</td>
</tr>
<tr>
<td>M116140</td>
<td>T16 (G5) 2x28W + QR-C8C51 (GU5.3) 12V 4xmax50W</td>
<td>11,90kg</td>
</tr>
<tr>
<td>M116150</td>
<td>T16 (G5) 2x28W + HIR111-CE-P (GX8.5) 4xmax35W</td>
<td>11,90kg</td>
</tr>
</tbody>
</table>

T16 (G5)  IP20  850°  grey

ANDROMEDA CEILING 600x600

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M116320</td>
<td>T16 (G5) 3x24W + QR111 (G53) 12V 4xmax50W</td>
<td>12,00kg</td>
</tr>
<tr>
<td>M116340</td>
<td>T16 (G5) 3x24W + QR-C8C51 (GU5.3) 12V 4xmax50W</td>
<td>12,00kg</td>
</tr>
<tr>
<td>M116350</td>
<td>T16 (G5) 3x24W + HIR111-CE-P (GX8.5) 4xmax35W</td>
<td>12,00kg</td>
</tr>
</tbody>
</table>

T16 (G5)  IP20  850°  grey

Photometric data: see page 428.
### ANDROMEDA SUSPENSION 300x300 DIRECT EMISSION

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M116420</td>
<td>T16-R (2GX13) 1x22W + QR111 (G53) 12V 1xmax50W</td>
<td>5,40kg</td>
</tr>
<tr>
<td>M116440</td>
<td>T16-R (2GX13) 1x22W + QR-CBCS1 (GUS,5,3) 12V 1xmax50W</td>
<td>5,40kg</td>
</tr>
<tr>
<td>M116450</td>
<td>T16-R (2GX13) 1x22W + HIR111-CE-P (GX8,5) 1xmax35W</td>
<td>5,40kg</td>
</tr>
</tbody>
</table>

Photometric data: see page 431.

### ANDROMEDA SUSPENSION 300x600 DIRECT EMISSION

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M116620</td>
<td>T16 (G5) 2x24W + QR111 (G53) 12V 2xmax50W</td>
<td>8,90kg</td>
</tr>
<tr>
<td>M116640</td>
<td>T16 (G5) 2x24W + QR-CBCS1 (GUS,5,3) 12V 2xmax50W</td>
<td>8,90kg</td>
</tr>
<tr>
<td>M116650</td>
<td>T16 (G5) 2x24W + HIR111-CE-P (GX8,5) 2xmax35W</td>
<td>8,90kg</td>
</tr>
</tbody>
</table>

Photometric data: see page 431.

### ANDROMEDA SUSPENSION 300x900 DIRECT EMISSION

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M116720</td>
<td>T16 (G5) 2x21W + QR111 (G53) 12V 3xmax50W</td>
<td>12,30kg</td>
</tr>
<tr>
<td>M116740</td>
<td>T16 (G5) 2x21W + QR-CBCS1 (GUS,5,3) 12V 3xmax50W</td>
<td>12,30kg</td>
</tr>
<tr>
<td>M116750</td>
<td>T16 (G5) 2x21W + HIR111-CE-P (GX8,5) 3xmax35W</td>
<td>12,30kg</td>
</tr>
</tbody>
</table>

Photometric data: see page 431.
ANDROMEDA SUSPENSION 300x1200 DIRECT EMISSION

<table>
<thead>
<tr>
<th>T16 (G5)</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>QR111 (G53)</td>
<td>M116820</td>
<td>T16 (G5) 2x28W + QR111 (G53) 12V 4xmax50W</td>
<td>15,70kg</td>
</tr>
<tr>
<td>QR-CBC51 (GU5,3)</td>
<td>M116840</td>
<td>T16 (G5) 2x28W + QR-CBC51 (GU5,3) 12V 4xmax50W</td>
<td>15,70kg</td>
</tr>
<tr>
<td>HIR111-CE-P (GX8,5)</td>
<td>M116850</td>
<td>T16 (G5) 2x28W + HIR111-CE-P (GX8,5) 4xmax35W</td>
<td>15,70kg</td>
</tr>
</tbody>
</table>

photometric data: see page 431.

ANDROMEDA SUSPENSION 600x600 DIRECT EMISSION

<table>
<thead>
<tr>
<th>T16 (G5)</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>QR111 (G53)</td>
<td>M117020</td>
<td>T16 (G5) 3x24W + QR111 (G53) 12V 4xmax50W</td>
<td>15,20kg</td>
</tr>
<tr>
<td>QR-CBC51 (GU5,3)</td>
<td>M117040</td>
<td>T16 (G5) 3x24W + QR-CBC51 (GU5,3) 12V 4xmax50W</td>
<td>15,20kg</td>
</tr>
<tr>
<td>HIR111-CE-P (GX8,5)</td>
<td>M117050</td>
<td>T16 (G5) 3x24W + HIR111-CE-P (GX8,5) 4xmax35W</td>
<td>15,20kg</td>
</tr>
</tbody>
</table>

photometric data: see page 431.

BANG & OLUFSEN SHOWROOM, MILAN (I); SANDRO MARINI AND LILARIO PESCO.
A RANGE OF CEILING LIGHTS AVAILABLE IN 4 DIAMETER OPTIONS (80 MM, 270 MM, 570 MM AND 970 MM), USING LED LAMPS, 12V HALOGEN, METAL-HALIDE AND FLUORESCENT LAMPS.

• ALUMINIUM BODY WITH 3 MIXED COLOUR OPTIONS: BEIGE/WHITE, GREY/WHITE AND BLACK/ORANGE.

• TAGORA 80 AVAILABLE WITH HIGH-EFFICIENCY MONOCHROMATIC LED OPTION WITH WARM WHITE AND NEUTRAL WHITE TONES.

• ALUMINIUM REFLECTOR WITH HIT AND LED VERSION, WITH A CHOICE OF UP TO THREE BEAM SPREADS.

• TAGORA 570 AND TAGORA 970 COME WITH AN OPALINE DIFFUSER IN PMMA.

• LED VERSION WITH ELECTRONIC DIMMABLE POWER SUPPLY.

• 12V HALOGEN VERSION WITH ELECTRONIC TRANSFORMER DIMMABLE BY TRAILING EDGE EXTERNAL DIMMER.

• FLUORESCENT VERSION WITH ELECTRONIC BALLAST OR DIMMABLE ELECTRONIC BALLAST (DALI-SWITCHDIM). EMERGENCY LIGHTING AVAILABLE AS AN OPTIONAL EXTRA.

• HIT VERSION INCLUDES ELECTRONIC BALLAST AND SAFETY GLASS.

• NOT SUITABLE FOR WALL INSTALLATION.

• COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
**TAGORA CEILING 80**

**LED MONOCHROMATIC**
- HIT-TC-CE (GU6,5)
- QR-CBC51 (GU5,3)
- HIPAR51-CE-P (GX10)
- LED (GU10)

**MAX 81MM (OVERALL)**

**CODE** | **LIGHT SOURCE** | **WEIGHT**
--- | --- | ---
M0175.0* | LED 1x8W WARM WHITE 3000K | 2,80kg
M0176.0* | LED 1x8W NEUTRAL WHITE 4100K | 2,80kg
M0170.0* | HIT-TC-CE (GU6.5) 1x20W | 2,80kg
M0182.0 | QR-CBC51 (GU5,3) 12V 1xmax35W | 2,80kg
M0183.0 | HIPAR51-CE-P (GX10) 1x20W | 2,80kg
M0189.0 | LED (GU10) 230-240V | 2,50kg

* Item number must be completed with the code of the desired reflector. See below.

**TAGORA CEILING 80 REFLECTORS**

- **Aluminium reflector for LED version 1x8W.**
  - SP: Spot (2x5° < angle ≤ 2x10°).
  - WFL: Wide-flood (2x20° < angle ≤ 2x30°).

- **Aluminium reflector for HIT version.**
  - SP: Spot (2x5° < angle ≤ 2x10°).
  - MFL: Medium-flood (2x10° < angle ≤ 2x15°).
  - FL: Flood (2x15° < angle ≤ 2x20°).

**TAGORA CEILING 270**

**TC-DEL (G24q-3)**

**TC-TEL (GR14q-1)**

**HIT-CE (G12)**

**CODE** | **LIGHT SOURCE** | **WEIGHT**
--- | --- | ---
M0185.0 | TC-DEL (G24q-3) 2x26W non dimmable | 4,30kg
M0185.1 | TC-DEL (G24q-3) 2x26W dimmable DALI | 4,30kg
M0186.0 | TC-TEL (GR14q-1) 2x14-17W non dimmable | 4,30kg
M0186.1 | TC-TEL (GR14q-1) 2x17W dimmable DALI | 4,30kg
M0187.0 | HIT-CE (G12) 1x70W WFL (2x26°) | 4,30kg
M0188.0 | HIT-CE (G12) 1x70W WFL (2x38°) | 4,30kg

**TAGORA CEILING 570**

**TC-FEL (2G10)**

**CODE** | **LIGHT SOURCE** | **WEIGHT**
--- | --- | ---
M0181.0 | TC-FEL (2G10) 4x36W non dimmable | 6,00kg
M0181.7 | TC-FEL (2G10) 4x36W non dimmable + emergency 1 h | 6,80kg
M0181.1 | TC-FEL (2G10) 4x36W dimmable DALI | 6,00kg

**photometric data: see page 429.**
TAGORA CEILING 970

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0177.0</td>
<td>T16 (G5) 4x24W + 4x39W non dimmable</td>
<td>10.00kg</td>
</tr>
<tr>
<td>M0177.1</td>
<td>T16 (G5) 4x24W + 4x39W dimmable DALI</td>
<td>10.00kg</td>
</tr>
</tbody>
</table>

photometric data: see page 430.

TAGORA CEILING ACCESSORIES

INTERACTIVE-DALI components: see page 409.
TAGORA SUSPENSION

NEW

A RANGE OF PENDANT LIGHTS AVAILABLE IN FOUR DIAMETER OPTIONS (80 MM, 270 MM, 570 MM AND 970 MM), USING LED LAMPS, 12V HALOGEN, METAL-HALIDE AND FLUORESCENT LAMPS.

ALUMINIUM BODY WITH 3 MIXED COLOUR OPTIONS: BEIGE/WHITE, GREY/WHITE AND BLACK/ORANGE.

TAGORA 80 AVAILABLE WITH HIGH-EFFICIENCY MONOCHROMATIC LED OPTION WITH WARM WHITE AND NEUTRAL WHITE TONES.

MONODIRECTIONAL OR BIDIRECTIONAL ILLUMINATION AVAILABLE WITH TAGORA 570 AND TAGORA 970.

ALUMINIUM REFLECTOR WITH HIT AND HIGH-EFFICIENCY LED VERSION, WITH A CHOICE OF UP TO THREE BEAM SPREADS.

TAGORA 570 AND TAGORA 970 COME WITH AN OPALINE DIFFUSER IN PMMA.

INTEGRAL ELECTRONIC POWER SUPPLY WITH HIGH-EFFICIENCY LED VERSION.

INTEGRAL ELECTRONIC TRANSFORMER WITH 12V HALOGEN VERSION, DIMMABLE BY TRAILING EDGE EXTERNAL DIMMER.

INTEGRAL ELECTRONIC BALLAST OR DIMMABLE ELECTRONIC BALLAST (DALI-SWITCHDIM) WITH FLUORESCENT VERSIONS. EMERGENCY LIGHTING AVAILABLE AS AN OPTIONAL EXTRA.

HIT VERSIONS INCLUDE ELECTRONIC BALLAST AND SAFETY GLASS.

2 M LONG STEEL SUSPENSION CABLE WITH QUICK-ADJUSTMENT SYSTEM.

COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
**TAGORA SUSPENSION 80**

![Image of TAGORA SUSPENSION 80](image)

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0179.0-*</td>
<td>LED 1x8W WARM WHITE 3000K</td>
<td>2,80kg</td>
</tr>
<tr>
<td>M0180.0-*</td>
<td>LED 1x8W NEUTRAL WHITE 4100K</td>
<td>2,80kg</td>
</tr>
<tr>
<td>M0193.0-*</td>
<td>HIT-TC-CE (GU6,5) 1x20W</td>
<td>2,80kg</td>
</tr>
<tr>
<td>M0178.0</td>
<td>QR-CBC51 (GU5,3) 12V 1xmax35W</td>
<td>2,80kg</td>
</tr>
<tr>
<td>M0192.0</td>
<td>HIPARS1-CE-P (GX10) 1x20W</td>
<td>2,80kg</td>
</tr>
<tr>
<td>M0191.0</td>
<td>LED (GU10) 230-240V</td>
<td>2,50kg</td>
</tr>
</tbody>
</table>

* Item number must be completed with the code of the desired reflector. See below.

**TAGORA SUSPENSION 80 REFLECTORS**

- **SP**
  - Aluminium reflector for LED version 1x8W.
  - Spot (2x5° < angle ≤ 2x10°).
- **WFL**
  - Wide-flood (2x20° < angle ≤ 2x30°).

- **SP**
  - Aluminium reflector for HIT version.
  - Spot (2x5° < angle ≤ 2x10°).
- **MFL**
  - Medium-flood (2x10° < angle ≤ 2x15°).
- **FL**
  - Flood (2x15° < angle ≤ 2x20°).

**TAGORA SUSPENSION 270**

![Image of TAGORA SUSPENSION 270](image)

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0195.0</td>
<td>TC-DEL (G24q-3) 2x26W non dimmable</td>
<td>4,30kg</td>
</tr>
<tr>
<td>M0195.1</td>
<td>TC-DEL (G24q-3) 2x26W dimmable DALI</td>
<td>4,30kg</td>
</tr>
<tr>
<td>M0194.0</td>
<td>TC-TEL (GR14q-1) 2x14-17W non dimmable</td>
<td>4,30kg</td>
</tr>
<tr>
<td>M0194.1</td>
<td>TC-TEL (GR14q-1) 2x17W dimmable DALI</td>
<td>4,30kg</td>
</tr>
<tr>
<td>M0196.0</td>
<td>HIT-CE (G12) 1x70W WFL (2x26°)</td>
<td>4,30kg</td>
</tr>
<tr>
<td>M0197.0</td>
<td>HIT-CE (G12) 1x70W VWFL (2x38°)</td>
<td>4,30kg</td>
</tr>
</tbody>
</table>
## TAGORA SUSPENSION 570

**TC-FEL (2G10)**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0198.0</td>
<td>TC-FEL (2G10) 4x36W non dimmable</td>
<td>6,00kg</td>
</tr>
<tr>
<td>M0198.7</td>
<td>TC-FEL (2G10) 4x36W non dimmable + emergency 1 h</td>
<td>6,80kg</td>
</tr>
<tr>
<td>M0198.1</td>
<td>TC-FEL (2G10) 4x36W dimmable DALI</td>
<td>6,00kg</td>
</tr>
</tbody>
</table>

**DIRECT EMISSION**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0200.0</td>
<td>TC-FEL (2G10) 4x36W non dimmable</td>
<td>6,00kg</td>
</tr>
<tr>
<td>M0200.7</td>
<td>TC-FEL (2G10) 4x36W non dimmable + emergency 1 h</td>
<td>6,80kg</td>
</tr>
<tr>
<td>M0200.1</td>
<td>TC-FEL (2G10) 4x36W dimmable DALI</td>
<td>6,00kg</td>
</tr>
</tbody>
</table>

**DIRECT+INDIRECT EMISSION**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0199.0</td>
<td>T16 (G5) 4x24W + 4x39W dimmable DALI</td>
<td>10,00kg</td>
</tr>
<tr>
<td>M0199.1</td>
<td>T16 (G5) 4x24W + 4x39W dimmable DALI</td>
<td>10,00kg</td>
</tr>
</tbody>
</table>

**T16 (G5)**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0201.0</td>
<td>T16 (G5) 4x24W + 4x39W non dimmable</td>
<td>10,00kg</td>
</tr>
<tr>
<td>M0201.1</td>
<td>T16 (G5) 4x24W + 4x39W dimmable DALI</td>
<td>10,00kg</td>
</tr>
</tbody>
</table>

## TAGORA SUSPENSION 970

**T16 (G5)**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0199.0</td>
<td>T16 (G5) 4x24W + 4x39W non dimmable</td>
<td>10,00kg</td>
</tr>
<tr>
<td>M0199.1</td>
<td>T16 (G5) 4x24W + 4x39W dimmable DALI</td>
<td>10,00kg</td>
</tr>
</tbody>
</table>

**DIRECT EMISSION**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0201.0</td>
<td>T16 (G5) 4x24W + 4x39W non dimmable</td>
<td>10,00kg</td>
</tr>
<tr>
<td>M0201.1</td>
<td>T16 (G5) 4x24W + 4x39W dimmable DALI</td>
<td>10,00kg</td>
</tr>
</tbody>
</table>

**INTERACTIVE-DALI TECHNOLOGY**

Interactive-DALI components:

- see page 409.
TAGORA RECESSED

NEW

• A RANGE OF CEILING RECESSED LIGHTS AVAILABLE IN 4 DIAMETER OPTIONS (80 MM, 270 MM AND 970 MM), USING HIGH-EFFICIENCY LED AND 230-240V LED LAMPS, 12V HALOGEN, METAL-HALIDE AND FLUORESCENT LAMPS.
• THE FIXTURE CONSISTS OF A FRAME TO BE FIXED AND PLASTERED ONTO THE PLASTERBOARD FALSE CEILING, AN ALUMINIUM DEFLECTOR WITH WHITE OR ORANGE PAINT FINISH, AND A SUPPORTING STRUCTURE.
• TAGORA 80 AVAILABLE WITH HIGH-EFFICIENCY MONOCHROMATIC LED OPTION WITH WARM WHITE AND NEUTRAL WHITE TONES.
• ALUMINIUM REFLECTOR WITH HIT AND HIGH-EFFICIENCY LED VERSION, WITH A CHOICE OF UP TO THREE BEAM SPREADS.
• TAGORA 570 AND TAGORA 970 COME WITH AN OPALINE DIFFUSER IN PMMA.
• REMOTE ELECTRONIC POWER SUPPLIES TO BE ORDERED SEPARATELY WITH LED, HIT AND 12V HALOGEN VERSIONS.
• INTEGRAL ELECTRONIC BALLAST OR DIMMABLE ELECTRONIC BALLAST (DALI-SWITCHDIM) WITH FLUORESCENT VERSIONS. EMERGENCY LIGHTING AVAILABLE AS AN OPTIONAL EXTRA.
• HIT VERSIONS INCLUDE SAFETY GLASS.
• NOT SUITABLE FOR WALL RECESSED INSTALLATION.
• COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
**TAGORA RECESSED 80**

<table>
<thead>
<tr>
<th>LED MONOCHROMATIC</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>HIT-TC-CE (GU6,5)</td>
<td>M0205.0-*</td>
<td>LED 1x8W WARM WHITE 3000K</td>
<td>1.60kg</td>
</tr>
<tr>
<td>QR-CBC51 (GU5,3)</td>
<td>M0206.0-*</td>
<td>LED 1x8W NEUTRAL WHITE 4100K</td>
<td>1.60kg</td>
</tr>
<tr>
<td>HIPAR51-CE-P (GX10)</td>
<td>M0209.0-*</td>
<td>HIT-TC-CE (GU6,5) 1xmax35W</td>
<td>1.60kg</td>
</tr>
<tr>
<td>LED (GU10)</td>
<td>M0208.0</td>
<td>QR-CBC51 (GU5,3) 12V 1xmax35W</td>
<td>1.60kg</td>
</tr>
<tr>
<td></td>
<td>M0207.0</td>
<td>HIPAR51-CE-P (GX10) 1xmax35W</td>
<td>1.60kg</td>
</tr>
<tr>
<td></td>
<td>M0202.0</td>
<td>LED (GU10) 230-240V</td>
<td>1.20kg</td>
</tr>
</tbody>
</table>

* Item number must be completed with the code of the desired reflector. See below.

**TAGORA RECESSED 80 REFLECTORS**

- **SP** Aluminimum reflector for LED version 1x8W.
  - Spot (2x5° < angle ≤ 2x10°).
- **WFL** Wide-flood (2x20° < angle ≤ 2x30°).

- **SP** Aluminimum reflector for HIT version.
  - Spot (2x5° < angle ≤ 2x10°).
- **MFL** Medium-flood (2x10° < angle ≤ 2x15°).
- **FL** Flood (2x15° < angle ≤ 2x20°).

**TAGORA RECESSED 80 POWER SUPPLY UNITS**

- **M070211** Electronic transformer 10-60W, 230-240V/12V. Class II. Dimmable by trailing or leading edge external dimmer. 123x32x32 mm.
- **M070822** Electronic ballast 230-240V. Class I. For HIT 1x20W.
- **M070322** For HIT 1x35W. 155x83x32 mm.

- **M074330** Electronic dimmable power supply for LED. IP20.
  - For max 18W/700mA. Dimming 1-10V.
  - For max 30W/700mA. Dimming DSI/DALI/SwitchDIM. 207x42x31 mm.
TAGORA RECESSED 270

<table>
<thead>
<tr>
<th>LIGHT SOURCE</th>
<th>CODE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>TC-DEL (G24q-3) 2x26W non dimmable</td>
<td>M0211.0</td>
<td>2.80kg</td>
</tr>
<tr>
<td>TC-DEL (G24q-3) 2x26W dimmable DALI</td>
<td>M0211.1</td>
<td>2.80kg</td>
</tr>
<tr>
<td>TC-TEL (GR14q-1) 2x14/17W non dimmable</td>
<td>M0210.0</td>
<td>2.80kg</td>
</tr>
<tr>
<td>TC-TEL (GR14q-1) 2x17W dimmable DALI</td>
<td>M0210.1</td>
<td>2.80kg</td>
</tr>
<tr>
<td>HIT-CE (G12) 1x70W WFL (2x26°)</td>
<td>M0212.0</td>
<td>2.80kg</td>
</tr>
<tr>
<td>HIT-CE (G12) 1x70W VWFL (2x38°)</td>
<td>M0213.0</td>
<td>2.80kg</td>
</tr>
</tbody>
</table>

*Electronic control gear included.

TAGORA RECESSED 270 POWER SUPPLY

Electronic ballast 230-240V. Class I.

M070522 For HIT 1x70W. 150x80x35mm.
TAGORA RECESSED 570

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0214.0</td>
<td>TC-FEL (2G10) 4x36W non dimmable</td>
<td>4.10kg</td>
</tr>
<tr>
<td>M0214.7</td>
<td>TC-FEL (2G10) 4x36W non dimmable + emergency 1 h</td>
<td>4.10kg</td>
</tr>
<tr>
<td>M0214.1</td>
<td>TC-FEL (2G10) 4x36W dimmable DALI</td>
<td>4.10kg</td>
</tr>
</tbody>
</table>

TAGORA RECESSED 970

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0215.0</td>
<td>T16 (G5) 4x24W + 4x39W non dimmable</td>
<td>7.50kg</td>
</tr>
<tr>
<td>M0215.1</td>
<td>T16 (G5) 4x24W + 4x39W dimmable DALI</td>
<td>7.50kg</td>
</tr>
</tbody>
</table>

TAGORA RECESSED ACCESSORIES

INTERACTIVE-DALI components: see page 409.
• A range of suspended lights available in 2 size options (Ø156 and 410mm) using high-performing LED, metal halide, fluorescent and 12V halogen lamps.
• Aluminium body.
• LED version with monochromatic warm white (3000K) and neutral white (4000K) emission.
• Super pure aluminium optics and protection glass for hit version.
• Fluorescent version comes with a Prismoptic diffuser, and an optional blue filter that provides a decorative peripheral lighting effect.
• Electronic power supply.
• Quick adjustment steel suspension cables.
• Complies with standard EN60598-1 and other specific standards.
**OUREA SUSPENSION 156**

LEDs:
- QR111 (G53)
- HIT-CE (G12)

**LEDs**
- QR111 (G53)
- HIT-CE (G12)

**Code** | **Light Source** | **Weight**
---|---|---
M179520-* | LED 33W WARM WHITE 3000K | 2.90kg
M179620-* | LED 33W NEUTRAL WHITE 4000K | 2.90kg
M178820 | QR111 (G53) 12V 1xmax100W | 2.90kg
M178920 | HIT-CE (G12) 1x35W 2x20" | 2.90kg
M179020 | HIT-CE (G12) 1x35W 2x30" | 2.90kg
M179120 | HIT-CE (G12) 1x70W 2x20" | 2.90kg
M179220 | HIT-CE (G12) 1x70W 2x30" | 2.90kg

QR111 halogen version with integral electronic transformer 35-105W, 230-240V/12V, Dimmable by trailing edge external dimmers.

* Item number must be completed with the code of the desired reflector. See below.

**OUREA SUSPENSION 156 REFLECTORS**

- **MFL**
  - Medium-flood (2x10° < angle ≤ 2x15°).

- **FL**
  - Flood (2x15° < angle ≤ 2x20°).

**OUREA SUSPENSION 410 FLUO**

**TC-TEL (GX24q-4)**

**Code** | **Light Source** | **Weight**
---|---|---
M179320 | TC-TEL (GX24q-4) 1x42W | 4.75kg
M179720 | TC-TEL (GX24q-4) 1x42W + blue filter | 4.75kg

**OUREA SUSPENSION 410 HIT**

**HIT-CE (G12)**

**Code** | **Light Source** | **Weight**
---|---|---
M179420 | HIT-CE (G12) 1x150W | 4.75kg

Photometric data: see page 435.
OUREA CEILING

NEW

- A RANGE OF CEILING LIGHTS AVAILABLE IN 2 SIZE OPTIONS (Ø156 AND Ø410MM) USING HIGH-PERFORMING LED, METAL-HALIDE, FLUORESCENT AND 12V HALOGEN LAMPS.
- ALUMINIUM BODY.
- LED VERSION WITH MONOCHROMATIC WARM WHITE (3000K) AND NEUTRAL WHITE (4000K) EMISSION.
- SUPER PURE ALUMINIUM OPTICS AND PROTECTION GLASS WITH HIT VERSION.
- FLUORESCENT VERSION COMES WITH A PRISMOPTIC DIFFUSER, AND AN OPTIONAL BLUE FILTER THAT PROVIDES A DECORATIVE PERIPHERAL LIGHTING EFFECT.
- ELECTRONIC POWER SUPPLY.
- COMPLIES WITH EN60598-1 AND OTHER SPECIFIC STANDARDS.
### OUREA CEILING 156

<table>
<thead>
<tr>
<th>LED</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>QR111 (G53)</td>
<td>M157220-*</td>
<td>LED 33W WARM WHITE 3000K</td>
<td>2.90kg</td>
</tr>
<tr>
<td>HIT-CE (G12)</td>
<td>M157320-*</td>
<td>LED 33W NEUTRAL WHITE 4000K</td>
<td>2.90kg</td>
</tr>
<tr>
<td></td>
<td>M157520</td>
<td>QR111 (G53) 12V 1x100W</td>
<td>2.90kg</td>
</tr>
<tr>
<td></td>
<td>M157420</td>
<td>HIT-CE (G12) 1x35W 2x20°</td>
<td>2.90kg</td>
</tr>
<tr>
<td></td>
<td>M157620</td>
<td>HIT-CE (G12) 1x35W 2x30°</td>
<td>2.90kg</td>
</tr>
<tr>
<td></td>
<td>M157720</td>
<td>HIT-CE (G12) 1x70W 2x20°</td>
<td>2.90kg</td>
</tr>
<tr>
<td></td>
<td>M157820</td>
<td>HIT-CE (G12) 1x70W 2x30°</td>
<td>2.90kg</td>
</tr>
<tr>
<td></td>
<td>QR111 halogen version with integral electronic transformer 35-105W, 230-240V/12V. Dimmable by trailing edge external dimmers.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Item number must be completed with the code of the desired reflector. See below.

### OUREA CEILING 156 REFLECTORS

- **MFL** Medium-flood (2x10° < angle ≤ 2x15°).
- **FL** Flood (2x15° < angle ≤ 2x20°).

### OUREA CEILING 410 FLUO

<table>
<thead>
<tr>
<th>TC-TEL (GX24q-4)</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M158020</td>
<td>TC-TEL (GX24q-4) 1x42W</td>
<td>4.75kg</td>
</tr>
<tr>
<td></td>
<td>M158120</td>
<td>TC-TEL (GX24q-4) 1x42W + blue filter</td>
<td>4.75kg</td>
</tr>
</tbody>
</table>

### OUREA CEILING 410 HIT

<table>
<thead>
<tr>
<th>HIT-CE (G12)</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M157920</td>
<td>HIT-CE (G12) 1x150W</td>
<td>4.75kg</td>
</tr>
</tbody>
</table>
• A RANGE OF RECESSED DOWNLIGHTS AVAILABLE IN 2 SIZE OPTIONS (Ø156 AND Ø410MM) USING HIGH-PERFORMING LED, METAL-HALIDE, FLUORESCENT AND 12V HALOGEN LAMPS.
• THE FIXTURE CONSISTS OF A FRAME TO BE FIXED AND PLASTERED ONTO THE PLASTERBOARD FALSE CEILING AND AN ALUMINIUM BODY.
• LED VERSION WITH MONOCHROMATIC WARM WHITE (3000K) AND NEUTRAL WHITE (4000K) EMISSION.
• SUPER PURE ALUMINIUM OPTICS AND PROTECTION GLASS WITH HIT VERSION.
• FLUORESCENT VERSION COMES WITH A PRISMOPTIC DIFFUSER, ELECTRONIC CONTROL GEAR AND AN OPTIONAL BLUE FILTER THAT PROVIDES A DECORATIVE PERIPHERAL LIGHTING EFFECT.
• ELECTRONIC POWER SUPPLY TO BE ORDERED SEPARATELY WITH LED, HIT AND HALOGEN VERSION.
• COMPLIES WITH EN60598-1 AND OTHER SPECIFIC STANDARDS.
OUREA RECESSED 156

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M177220</td>
<td>LED 33W WARM WHITE 3000K</td>
<td>2,00kg</td>
</tr>
<tr>
<td>M177820</td>
<td>LED 33W NEUTRAL WHITE 4000K</td>
<td>2,00kg</td>
</tr>
<tr>
<td>M177320</td>
<td>QR111 (G53) 12V 1xmax100W</td>
<td>2,00kg</td>
</tr>
<tr>
<td>M176920</td>
<td>HIT-CE (G12) 1x35W 2x20°</td>
<td>2,00kg</td>
</tr>
<tr>
<td>M177020</td>
<td>HIT-CE (G12) 1x35W 2x30°</td>
<td>2,00kg</td>
</tr>
<tr>
<td>M177120</td>
<td>HIT-CE (G12) 1x70W 2x20°</td>
<td>2,00kg</td>
</tr>
<tr>
<td>M177220</td>
<td>HIT-CE (G12) 1x70W 2x30°</td>
<td>2,00kg</td>
</tr>
</tbody>
</table>

Item number must be completed with the code of the desired reflector. See below.

remote power supply: see below.

OUREA RECESSED 410 FLUO

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M179820</td>
<td>TC-TEL (GX24q-4) 1x42W</td>
<td>3,80kg</td>
</tr>
<tr>
<td>M179920</td>
<td>TC-TEL (GX24q-4) 1x42W + blue filter</td>
<td>3,80kg</td>
</tr>
</tbody>
</table>

OUREA RECESSED 410 HIT

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M178720</td>
<td>HIT-CE (G12) 1x150W</td>
<td>6,20kg</td>
</tr>
</tbody>
</table>

OUREA RECESSED POWER SUPPLIES AND REFLECTORS

MFL FL

Aluminium reflector for LED version.
Medium-flood (2x10° < angle ≤ 2x15°).
Flood (2x15° < angle ≤ 2x20°).

LED POWER SUPPLY 14-50W. IP20.
Input voltage: 186-2500DC/50-60Hz.
Output voltage: 31-62V. 220x83x35 mm.
M074530 Non dimmable.
M074531 Dimmable Dal/Switchdim/trailing edge.
STICK
design WILMOTTE & INDUSTRIES

STICK 210

STICK 140
STICK

A RANGE OF RECESSED ADJUSTABLE DOWNLIGHTS USING 12V HALOGEN, METAL-HALIDE AND 230-240V LED LAMPS.
- SQUARE FRAME MADE FROM STEEL, AVAILABLE IN THREE COLOUR OPTIONS.
- OPTICAL UNIT MADE FROM ALUMINIUM WITH A CHROME FINISH.
- 2 SIZE OPTIONS DEPENDING ON THE LIGHT SOURCE.
- SUPER PURE ALUMINIUM OPTICS WITH HIT VERSION, WITH CHOICE OF 3 BEAM SPREADS: SPOT, MEDIUM AND FLOOD.
- TILT ANGLE OF UP TO 40° WITH A CHROME STEEL ROD. ROTATION OF UP TO 360°.
- LAMPS CAN BE MAINTAINED WITHOUT THE NEED FOR TOOLS.
- HIT VERSION INCLUDES PROTECTIVE GLASS.
- REMOTE CONTROL GEAR.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
**STICK 140**

- **Electronic transformer 230-240V/12V.**
  - Class II. Dimmable by trailing or leading edge external dimmers.
  - 10-60W. 123x32x23mm.
  - 35-105W. 102x51x30mm.

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>CLASS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0235.5</td>
<td>QR-CBC51 (GU5,3) 12V max50W</td>
<td></td>
<td>0,95kg</td>
</tr>
<tr>
<td>M0236.5</td>
<td>HIPAR51-CE-P (GX10) max35W</td>
<td></td>
<td>0,95kg</td>
</tr>
<tr>
<td>M0239.5</td>
<td>LED (GU10) 230-240V</td>
<td></td>
<td>0,95kg</td>
</tr>
</tbody>
</table>

**STICK 210**

- **QR111 (G53)**
  - 12V max100W
  - max 63mm (overall)

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>CLASS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0237.5</td>
<td>QR111 (G53)</td>
<td></td>
<td>2,60kg</td>
</tr>
<tr>
<td>M0238.5</td>
<td>HIR111-CE-P (GX8,5) max70W</td>
<td></td>
<td>2,60kg</td>
</tr>
<tr>
<td>M0217.5</td>
<td>HIT-CE (G12) max70W 2x10°</td>
<td></td>
<td>2,60kg</td>
</tr>
<tr>
<td>M0218.5</td>
<td>HIT-CE (G12) max70W 2x20°</td>
<td></td>
<td>2,60kg</td>
</tr>
<tr>
<td>M0219.5</td>
<td>HIT-CE (G12) max70W 2x30°</td>
<td></td>
<td>2,60kg</td>
</tr>
<tr>
<td>M0223.5</td>
<td>HIT-TC-CE (G8,5) max70W 2x10°</td>
<td></td>
<td>2,60kg</td>
</tr>
<tr>
<td>M0224.5</td>
<td>HIT-TC-CE (G8,5) max70W 2x20°</td>
<td></td>
<td>2,60kg</td>
</tr>
<tr>
<td>M0225.5</td>
<td>HIT-TC-CE (G8,5) max70W 2x30°</td>
<td></td>
<td>2,60kg</td>
</tr>
</tbody>
</table>

**STICK CONTROL GEARS**

- Electronic transformer 230-240V/12V. Class II. Dimmable by trailing or leading edge external dimmers.
  - M070211 10-60W. 123x32x23mm.
  - M070412 35-105W. 102x51x30mm.

- Electronic ballast 230-240V. Class I.
  - M070822 HIT 1x20W. 130x83x39mm.
  - M070322 HIT 1x35W. 155x83x32mm.
  - M070522 HIT 1x70W. 150x80x35mm.

Photometric data: see page 423-424.
RASTAF

RECESSING PLATE + 2 RASTAF 86 ADJUSTABLE

RASTAF 86 ADJUSTABLE

RECESSING PLATE + 3 RASTAF 86 ADJUSTABLE
A RANGE OF FIXED AND ADJUSTABLE RECESSED DOWNLIGHTS USING 12V DICHROIC HALOGEN LAMPS, HIPAR51 METAL-HALIDE AND 230-240V LEDS.

- STEEL BODY, AVAILABLE IN 5 COLOUR OPTIONS.
- 2 SIZE OPTIONS: Ø86MM AND Ø125MM.
- TILT ANGLE OF UP TO 45°, ROTATION OF UP TO 355° DEPENDING ON THE VERSION.
- VERSION IP44 COMES WITH INTEGRAL SAFETY COVER AND SEALED GLASS.
- OPTIONAL STEEL RECESSING RING WITH WHITE FINISH FOR USE WITH 2 OR 3 DOWNLIGHTS Ø86MM.
- WIDE RANGE OF ACCESSORIES FOR RECESSING INTO FALSE CEILINGS, ALLOWING LAMP REPLACEMENT WITHOUT DAMAGING THE SURFACE.
- REMOTE TRANSFORMER.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
RASTAF 86 FIX

<table>
<thead>
<tr>
<th>LIGHT SOURCE</th>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>QR-CBC51 (GU5,3)</td>
<td>M0490.0</td>
<td>QR-CBC51 (GU5,3) 12V max50W</td>
<td>0,15kg</td>
</tr>
<tr>
<td>HIPAR51-CE-P (GX10)</td>
<td>M048805*</td>
<td>HIPAR51-CE-P (GX10) max35W</td>
<td>0,15kg</td>
</tr>
<tr>
<td>LED (GU10)</td>
<td>M047900*</td>
<td>LED (GU10) 230-240V</td>
<td>0,15kg</td>
</tr>
</tbody>
</table>

*Available only in white.

RASTAF 86 FIX IP44/21

<table>
<thead>
<tr>
<th>LIGHT SOURCE</th>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>QR-CBC51 (GU5,3)</td>
<td>M049100</td>
<td>QR-CBC51 (GU5,3) 12V max50W</td>
<td>0,15kg</td>
</tr>
</tbody>
</table>

RASTAF 86 ADJUSTABLE

<table>
<thead>
<tr>
<th>LIGHT SOURCE</th>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>QR-CBC51 (GU5,3)</td>
<td>M0490.5</td>
<td>QR-CBC51 (GU5,3) 12V max50W</td>
<td>0,15kg</td>
</tr>
<tr>
<td>HIPAR51-CE-P (GX10)</td>
<td>M048805*</td>
<td>HIPAR51-CE-P (GX10) max35W</td>
<td>0,15kg</td>
</tr>
<tr>
<td>LED (GU10)</td>
<td>M047905*</td>
<td>LED (GU10) 230-240V</td>
<td>0,15kg</td>
</tr>
</tbody>
</table>

*Available only in white.
**RASTAF 86 ACCESSORIES**

- **M080008** Recessing ring with plaster support for RASTAF 86 FIX or ADJUSTABLE.
- **M080018** Recessing ring for mineral fiber false ceilings for RASTAF 86 FIX or ADJUSTABLE.
- **M080028** Aluminium recessing ring for RASTAF 86 FIX or ADJUSTABLE.
- **M080038** Steel recessing ring with springs for plasterboard false ceilings for RASTAF 86 FIX or ADJUSTABLE.

**RASTAF 125 FIX**

- **QR-CBC51 (GU5,3)** IP20 960° white

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M043800</td>
<td>QR-CBC51 (GU5,3) 12V max50W</td>
<td>0.25kg</td>
</tr>
</tbody>
</table>

**RASTAF 125 ADJUSTABLE**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M043805</td>
<td>QR-CBC51 (GU5,3) 12V max50W</td>
<td>0.25kg</td>
</tr>
</tbody>
</table>

**RASTAF CONTROL GEARS**

- Electronic transformer 230-240V/12V. Class II. Dimmable by trailing or leading edge external dimmers.
  - **M070211** 10-60W. 123x64x37mm.
  - **M070412** 35-105W. 102x51x30mm.
  - **M072111** 35-150W. 100x38x34mm.

- **M070032** Electronic ballast 230-240V. Class I. For HIPAR51 (GX10) 1x35W. 132x64x37mm.
A range of recessed downlights, fixed or adjustable, round or square, using 12V dichroic halogen lamps, HiPARt metal halide and 230-240V LEDs.

- Body in die-cast aluminium or steel, available in different colours.
- Multiple size options: Ø88mm, Ø100mm, Ø125mm, Ø158mm, 88x88mm and 95x95mm.
- Tilt angle of up to 70°, rotation of up to 355° depending on the version.
- Lampholding ring made from aluminium, thermoplastic material or with coloured glass.
- Lamps can be maintained without the need for tools by a simple quarter turn rotation.
- Version IP44 comes with integral safety cover and sealed glass.
- Remote transformer.
- Complies with standard EN60598-1 and other specific standards.
## TOPLITE 88 FIX

- **Code**: M0463.0, M046600*, M0414.0, M041600*
- **Light Source**:
  - QR-CBC51 (GU5,3) 12V max50W
  - HIPAR51-CE-P (GX10) max35W
  - LED (GU10) 230-240V
- **Weight**: 0.15kg
- **Class**: IP20, 960°

### Available only in white.

## TOPLITE 88 FIX IP44/21

- **Code**: M0430.0
- **Light Source**: QR-CBC51 (GU5,3) 12V max50W
- **Weight**: 0.15kg

## TOPLITE 88 FIX LOW LUMINANCE

- **Code**: M0463.0, M046600*, M0414.0, M041600*
- **Light Source**:
  - QR-CBC51 (GU5,3) 12V max50W
  - HIPAR51-CE-P (GX10) max35W
  - LED (GU10) 230-240V
- **Weight**: 0.15kg

## TOPLITE 88 FIX COLOR

- **Code**: M041520, M041530, M041590
- **Light Source**: QR-CBC51 (GU5,3) 12V max50W
- **Glass Colour**:
  - blue
  - orange
  - red
- **Weight**: 0.15kg

*Available only in white.
### TOPLITE 100 BI-ADJUSTABLE

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Class</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0429.5</td>
<td>QR-CBC51 (GU5,3) 12V max50W</td>
<td>1</td>
<td>0,20kg</td>
</tr>
<tr>
<td>M042500*</td>
<td>HIPAR51-CE-P (GX10) max35W</td>
<td>1</td>
<td>0,20kg</td>
</tr>
<tr>
<td>M046800*</td>
<td>LED (GU10) 230-240V</td>
<td>1</td>
<td>0,20kg</td>
</tr>
</tbody>
</table>

*Available only in white.

### TOPLITE 125 ADJUSTABLE 70°

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0414.5</td>
<td>QR-CBC51 (GU5,3) 12V max50W</td>
<td>0,30kg</td>
</tr>
</tbody>
</table>

### SUPERTOP

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M044105</td>
<td>QR-CBC51 (GU5,3) 12V max50W</td>
<td>0,45kg</td>
</tr>
</tbody>
</table>

*Available only in white.
TOPLITE 125 FIX

<table>
<thead>
<tr>
<th>QR-CBC51 (GU5,3)</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M046100</td>
<td>QR-CBC51 (GU5,3) 12V max50W</td>
<td>0,25kg</td>
</tr>
</tbody>
</table>

TOPLITE 125 ADJUSTABLE 30°

<table>
<thead>
<tr>
<th>QR-CBC51 (GU5,3)</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M046105</td>
<td>QR-CBC51 (GU5,3) 12V max50W</td>
<td>0,25kg</td>
</tr>
</tbody>
</table>
TOPLITE SQUARE FIX

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0412.0</td>
<td>QR-CBC51 (GU5,3) 12V max50W</td>
<td>0,15kg</td>
</tr>
<tr>
<td>M0465.0</td>
<td>QR-CBC51 (GU5,3) 12V max50W LOW LUMINANCE</td>
<td>0,15kg</td>
</tr>
</tbody>
</table>

TOPLITE SQUARE ADJUSTABLE

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0412.5</td>
<td>QR-CBC51 (GU5,3) 12V max50W</td>
<td>0,20kg</td>
</tr>
<tr>
<td>M0465.5</td>
<td>QR-CBC51 (GU5,3) 12V max50W LOW LUMINANCE</td>
<td>0,20kg</td>
</tr>
</tbody>
</table>

TOPLITE ACCESSORIES

- M081047 Louvre for TOPLITE 88 FIX, TOPLITE 100 BI-ADJUSTABLE, TOPLITE 125 ADJUSTABLE 70°, SUPERTOP, TOPLITE SQUARE FIX and TOPLITE SQUARE ADJUSTABLE.
- M070211 Electronic transformer 10-60W, 230-240V/12V, 123x32x32mm. Class II. Dimmable by trailing or leading edge external dimmers.
- M070032 Electronic ballast 230-240V, class I, for HIPAR51 (GX10) 1x35W. 132x64x37mm.
VULCANIA RECESSED

design A. PEDRETTI - STUDIO ROTA & PARTNERS
A RANGE OF FIXED AND DIRECTIONAL RECESSED DOWNLIGHTS USING 12V HALOGEN, METAL-HALIDE AND FLUORESCENT LAMPS.

- ALUMINIUM OR INJECTION MOULDED PLASTIC BODY.
- DECORATIVE RING IN ABS/PC, FIXED BY A SIMPLE QUARTER TURN ROTATION.
- 3 DIAMETER OPTIONS: Ø221MM, Ø308MM AND Ø375MM.
- TILT ANGLE OF UP TO 32°.
- LAMPS CAN BE MAINTAINED WITHOUT THE NEED FOR TOOLS.
- REMOTE CONTROL GEAR.
- HIT VERSION INCLUDES PROTECTIVE GLASS.
- FLUORESCENT VERSION COMES WITH AN ANTI-DAZZLE CROSS-BLADE AND INTEGRAL ELECTRONIC BALLAST.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
### VULCANIA RECESSED Ø221

<table>
<thead>
<tr>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>QR-CBC51 (GU5,3)</td>
<td>0,55kg</td>
</tr>
</tbody>
</table>

### VULCANIA RECESSED Ø308

<table>
<thead>
<tr>
<th>LIGHT SOURCE</th>
<th>CLASS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>QR111 (G53)</td>
<td>1</td>
<td>1,40kg</td>
</tr>
<tr>
<td>HIR111-CE-P (GX8,5)</td>
<td>1</td>
<td>1,40kg</td>
</tr>
<tr>
<td>HIT-CE (G12)</td>
<td>1</td>
<td>1,50kg</td>
</tr>
</tbody>
</table>

### VULCANIA RECESSED Ø375

<table>
<thead>
<tr>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>TC-DEL (G24q-3)</td>
<td>2,00kg</td>
</tr>
<tr>
<td>TC-DEL (G24q-3) + emergency 1h</td>
<td>2,70kg</td>
</tr>
</tbody>
</table>

### VULCANIA ACCESSORIES

**Electronic transformer 230-240V/12V.**
Class II. Dimmable by trailing or leading edge external dimmers.
- **M070211** 10-60W. 123x32x23mm.
- **M070412** 35-105W. 102x51x30mm.

**Electronic ballast 230-240V.** Class I.
- **M070322** For HIT 1x35W. 155x83x32mm.
- **M070522** For HIT 1x70W. 150x80x35mm.
- **M070622** For HIT 1x150W. 150x90x40mm.

**M08008S** UV filter for HIT version.
CEILING LIGHT USING QR111 75W/12V HALOGEN LIGHT SOURCE.
ALUMINUM BODY WITH WHITE PAINT FINISH.
TILT ANGLE OF UP TO 20°, ROTATION OF UP TO 355°.
LAMPS CAN BE MAINTAINED WITHOUT THE NEED FOR TOOLS.
ELECTRONIC TRANSFORMER.
COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
VULCANIA CEILING

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M019020</td>
<td>QR111 (G53) 12V max75W</td>
<td>1,90kg</td>
</tr>
</tbody>
</table>

Integral electronic transformer 35-75W, 230-240V/12V. Dimmable by trailing edge external dimmers.
L.D. SYSTEM

design ALBERTO MEDA - PAOLO RIZZATO
A RANGE OF RECESSED FIXED DOWNLIGHTS USING 12V HALOGEN, METAL-HALIDE AND FLUORESCENT LAMPS.

DIE-CAST ALUMINIUM AND STEEL BODY.

REFLECTORS MADE FROM SUPER PURE ALUMINIUM OR METALLISED POLYCARBONATE.

DIE-CAST ALUMINIUM RING, AVAILABLE IN 3 COLOURS, TO BE CLIPPED ON THE FIXTURE.

4 DIAMETER OPTIONS: Ø66MM, Ø96MM, Ø156MM AND Ø206MM.

UV FILTER INCLUDED WITH HIT VERSION.

INTEGRAL BALLAST WITH FLUORESCENT VERSION.

COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
**L.D. SYSTEM 66**

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>L6006.0</td>
<td>QR-CBC35 (GU4) 12V max20W</td>
<td>0.60kg</td>
</tr>
</tbody>
</table>

**L.D. SYSTEM 66 ACCESSORIES**

- **L621000** - Mounting box for cut outs in concrete ceilings.
- **M070211** - Electronic transformer 10-60W, 230-240V/12V, 123x32x23mm. Class II. Dimmable by trailing or leading edge external dimmers.

**L.D. SYSTEM 96**

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>L6003.0</td>
<td>QT12-UVr-ax (GY6,35) 12V max50W</td>
<td>1.20kg</td>
</tr>
</tbody>
</table>

**L.D. SYSTEM 96 ACCESSORIES**

- **L621001** - Mounting box for cut outs in concrete ceilings.
- **M070211** - Electronic transformer 10-60W, 230-240V/12V, 123x32x23mm. Class II. Dimmable by trailing or leading edge external dimmers.
L.D. SYSTEM 156

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source Code</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>L6010.0</td>
<td>QT12-UVr-ax (GY6,35) 12V max60W</td>
<td>1,00kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source Code</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>L6019.0</td>
<td>HIT-CE (G12) max70W</td>
<td>1,40kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source Code</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>L602103</td>
<td>Mounting box for cut outs in concrete ceilings. For L6010.0 only.</td>
<td></td>
</tr>
</tbody>
</table>

- QT12-UVr-ax (GY6,35) 12V max60W
  - Ø137
  - Ø130
  - IP20 850°
  - white 2  nickel matt 7  chrome 9

- HIT-CE (G12)
  - Ø137

- L.D. SYSTEM 156 ACCESSORIES

- Electronic transformer 230-240V/12V. Class II. Dimmable by trailing or leading edge external dimmers.
  - M070211 10-60W. 123x32x23mm.
  - M070412 35-105W. 102x51x30mm.

- Electronic ballast 230-240V. Class I. For HIT 1x70W. 150x80x35mm.
  - M070522

L.D. SYSTEM 156

- SKILWERK, DÜSSELDORF (D).

- photometric data: see page 421.
L.D. SYSTEM 206

TC-DEL (G24q-2)  

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>L6077.0</td>
<td>TC-DEL (G24q-2) 2x18W</td>
<td>1,40kg</td>
</tr>
</tbody>
</table>

HIT-CE (G12)  

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>L6034.0</td>
<td>HIT-CE (G12) max70W</td>
<td>1,70kg</td>
</tr>
<tr>
<td>L6036.0</td>
<td>HIT-CE (G12) max150W</td>
<td>1,70kg</td>
</tr>
</tbody>
</table>

L.D. SYSTEM 206 ACCESSORIES

Electronic ballast 230-240V. Class I.

M070522  For HIT 1x70W. 150x80x35mm.
M070622  For HIT 1x150W. 150x90x40mm.

photometric data: see page 421.
• A RANGE OF RECESSED ADJUSTABLE DOWNLIGHTS USING 12V HALOGEN AND METAL-HALIDE LAMPS.
• BODY IN DIE-CAST ALUMINIUM AND TECHNOPOLYMERS, AVAILABLE WITH WHITE OR CHROME FINISH.
• 3 DIAMETER OPTIONS: Ø98MM, Ø125MM AND Ø156MM.
• TILT ANGLE OF UP TO 45° AND ROTATION OF UP TO 355° DEPENDING ON THE VERSION.
• SAFETY GLASS WITH H/D VERSION.
• REMOTE CONTROL GEAR.
• COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

IMAGE SCALE 1:1
**AYRTON 98**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>L6135.0</td>
<td>QR-CBC51 (GU5,3) 12V max50W</td>
<td>1.20kg</td>
</tr>
</tbody>
</table>

**AYRTON 98 ACCESSORIES**

- **M070211** Electronic transformer 10-60W, 230-240V/12V. 123x32x23mm. Class II. Dimmable by trailing or leading edge external dimmers.

**AYRTON 125**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>L6104.0</td>
<td>QR-CBC51 (GU5,3) 12V max50W</td>
<td>1.50kg</td>
</tr>
</tbody>
</table>

**AYRTON 125 ACCESSORIES**

- **M070211** Electronic transformer 10-60W, 230-240V/12V. 123x32x23mm. Class II. Dimmable by trailing or leading edge external dimmers.

**AIB, ZURICH (CH), KELLER DESIGN.**
AYRTON 156

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>CLASS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>L611120</td>
<td>QR-CBC51 (GU5,3) 12V max50W</td>
<td>Ø137</td>
<td>1,30kg</td>
</tr>
<tr>
<td>L612220</td>
<td>HIT-CE (G12) max70W</td>
<td>Ø156</td>
<td>1,50kg</td>
</tr>
</tbody>
</table>

**QR-CBC51 (GU5,3) HIT-CE (G12)**

- Ø156
- IP20 850°
- white

**AYRTON 156 ACCESSORIES**

<table>
<thead>
<tr>
<th>M070211</th>
<th>Electronic transformer 10-60W, 230-240V/12V. 123x32x23mm. Class II. Dimmable by trailing or leading edge external dimmers.</th>
</tr>
</thead>
<tbody>
<tr>
<td>M070522</td>
<td>Electronic ballast 230-240V. Class I. For HIT 1x70W. 150x30x35mm.</td>
</tr>
</tbody>
</table>

L6121003

Mounting box for cut outs in concrete ceilings. For L611120 only.

Photometric data: see page 419.

BMW, SAN DONATO MILANESI (l), KENZO TANGE.

M070211

M070522

L6121003
LUCERI LED

NEW

• RECESSED FIXED ROUND LUMINAIRES WITH HIGH-EFFICIENCY LED-MODULE.
• 3 DESIGNS AVAILABLE: VERSION WITH FRAME FOR SURFACE MOUNTING (LUCERI LED ‘JAVA’), AND TRIMLESS VERSION WITH 2 FINISHES OPTIONS: FLUSH MOUNTING TO THE CEILING (LUCERI LED ‘NOTHING’) OR SET BACK INSTALLATION WITH A ROUNDED EDGE FINISH (LUCERI LED ‘SOFT’).
• RECESSING RINGS IN POLYCARBONATE. REFLECTORS MADE FROM TECHNOPOLYMERS WITH SMOOTH SPECULAR METALLISED COATING WITH AN ANTI-SCRATCH PROTECTIVE LAYER (VERSIONS ‘JAVA’ AND ‘NOTHING’) OR WITH WHITE FINISH (‘SOFT’ VERSION).
• THE OPTICS SYSTEM CONSISTS OF A LIGHTING CHAMBER WITH INTEGRAL PASSIVE THERMAL MANAGEMENT SYSTEM, AND FEATURED WITH CREE® TRUETM WHITE® TECHNOLOGY, AN INTELLIGENT SYSTEM THAT GUARANTEES A CONSTANT COLOUR TEMPERATURE AND PERMANENT COLOUR RENDERING INDEX THROUGHOUT ENTIRE SERVICE LIFE.
• HIGH LUMINOUS FLUX: 2000 LM (27W) AND 2900 LM (37W) AVAILABLE WITH WARM WHITE (3000K) AND NEUTRAL WHITE (4000K) TONES.
• SYMMETRIC WIDE-BEAM LIGHT DISTRIBUTION. LOR: 88%.
• EXCELLENT COLOUR RENDERING: CRI > 90.
• VERSIONS ‘NOTHING’ AND ‘JAVA’: REFLECTOR WITH GLARE-CONTROL (UGR < 19).
• SERVICE LIFE: 50000 HOURS AT 70% LUMINOUS FLUX.
• ‘JAVA’ RING WITH SPRING SYSTEM FOR TOOL-FREE RECESSED MOUNTING IN CEILINGS WITH THICKNESS RANGING FROM 1 TO 25 MM.
• LUMINAIRE COMES COMPLETE WITH LED-MODULE AND DALI DIMMABLE ELECTRONIC DRIVER (SEPARATE). BRIDGING CONNECTION IS POSSIBLE.
• DUST-PROTECTION SCREEN IN TRANSPARENT POLYCARBONATE AS AN OPTIONAL EXTRA, INSTALLED BY SIMPLE TWIST-AND-LOCK MECHANISM.
• COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
**LUCERI LED 'JAVA'**

LED MONOCHROMATIC

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2380.0</td>
<td>LED 27W 3000K dimmable DALI</td>
<td>1,50kg</td>
</tr>
<tr>
<td>M2381.0</td>
<td>LED 27W 4000K dimmable DALI</td>
<td>1,50kg</td>
</tr>
<tr>
<td>M2382.0</td>
<td>LED 37W 3000K dimmable DALI</td>
<td>1,50kg</td>
</tr>
<tr>
<td>M2383.0</td>
<td>LED 37W 4000K dimmable DALI</td>
<td>1,50kg</td>
</tr>
</tbody>
</table>

Photometric data: see page 425.

**LUCERI LED 'NOTHING'**

LED MONOCHROMATIC

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M238400</td>
<td>LED 27W 3000K dimmable DALI</td>
<td>1,50kg</td>
</tr>
<tr>
<td>M238500</td>
<td>LED 27W 4000K dimmable DALI</td>
<td>1,50kg</td>
</tr>
<tr>
<td>M238600</td>
<td>LED 37W 3000K dimmable DALI</td>
<td>1,50kg</td>
</tr>
<tr>
<td>M238700</td>
<td>LED 37W 4000K dimmable DALI</td>
<td>1,50kg</td>
</tr>
</tbody>
</table>

Photometric data: see page 425.

**LUCERI LED 'SOFT'**

LED MONOCHROMATIC

<table>
<thead>
<tr>
<th>CODE</th>
<th>SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M238800</td>
<td>LED 27W 3000K dimmable DALI</td>
<td>1,50kg</td>
</tr>
<tr>
<td>M238900</td>
<td>LED 27W 4000K dimmable DALI</td>
<td>1,50kg</td>
</tr>
<tr>
<td>M239000</td>
<td>LED 37W 3000K dimmable DALI</td>
<td>1,50kg</td>
</tr>
<tr>
<td>M239100</td>
<td>LED 37W 4000K dimmable DALI</td>
<td>1,50kg</td>
</tr>
</tbody>
</table>

Photometric data: see page 425.

**LUCERI LED ACCESSORIES**

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>M239200</td>
<td>Dust-protection screen in transparent polycarbonate.</td>
</tr>
</tbody>
</table>
LUCERI

LUCERI 220 WITH ANTI-DAZZLE CROSS-BLADE LOUVRE

LUCERI 150 WITH LENTICULAR THERMOPLASTIC SCREEN
A RANGE OF RECESSED DOWNLIGHTS USING 1x13W TO 2x42W COMPACT FLUORESCENT LAMPS.

- BODY MADE FROM TECHNOPOLYMERS. REFLECTOR IN VACUUM-METALLISED POLYCARBONATE WITH ANTI-SCRATCH SURFACE TREATMENT.
- DECORATIVE RING MADE FROM ALUMINIUM OR INJECTION MOULDED PLASTIC, AVAILABLE IN 4 COLOUR OPTIONS, WITH OR WITHOUT SCREEN (IP44). FITTING IS MADE BY ONE QUARTER TURN ROTATION.
- 3 RECESS DIAMETER OPTIONS: Ø150MM, Ø220MM AND Ø290MM.

- THE LUCERI RANGE IS AVAILABLE AS LUCERI SYSTEM, WHICH PROVIDES AMPLE POSSIBILITIES OF COMBINING OPTICS AND RINGS, OR AS LUCERI QUICK REFERENCE WHICH OFFERS PREDETERMINED OPTIC AND RING ASSEMBLIES.

- THE LUCERI SCREEN DARK LIGHT OPTIC ENSURES A CONTROLLED LUMINANCE LEVEL OF LESS THAN 200 CD/M² FOR AN OBSERVATION ANGLE OF 65° OR ABOVE WITH RESPECT TO THE VERTICAL AXIS, WELL WITHIN THE LIMITS SET BY STANDARD EN 12464-1.
- LOW RECESS DEPTH: FROM 115 TO 145MM DEPENDING ON THE VERSION, FOR CEILINGS OF 1MM TO 35MM THICK.
- LIGHT OUTPUT RATIO: UP TO 60% DEPENDING ON THE VERSION.
- ELECTRONIC BALLAST, WITH OR WITHOUT DIMMING, AND EMERGENCY LIGHTING.
- ELECTRICAL CONNECTION BY MEANS OF QUICK CONNECTORS.
- BRIDGING CONNECTION POSSIBLE.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
LUCERI SYSTEM

LUCERI 150

PLASTIC FRONT

DIE-CAST ALUMINIUM FRONT

ANTI-DAZZLE CROSS-BLADE LOUVRE

PLASTIC FRONT WITH TRANSPARENT GLASS IP44

PLASTIC FRONT WITH SILKSCREEN PRINTED GLASS IP44

DIE-CAST ALUMINIUM FRONT WITH LENTICULAR THERMOPLASTIC SCREEN IP44

DIE-CAST ALUMINIUM FRONT WITH DECORATIVE FROSTED GLASS IP44 (Ø220)

LUCERI 220

FLAT

TC-DEL TC-TEL

TC-DEL TC-TEL
**LUCERI SYSTEM 150 OPTICS**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>L590300</td>
<td>TC-DEL (G24q-1) 1x13W</td>
<td>0.50kg</td>
</tr>
</tbody>
</table>

*IP20 = recessed part
*IP23 or IP44 = external part depending on the accessory used

**LUCERI SYSTEM 150 ACCESSORIES**

**Die-cast aluminium front.**

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>L591520</td>
<td>White.</td>
</tr>
<tr>
<td>L591540</td>
<td>Grey.</td>
</tr>
<tr>
<td>L591570</td>
<td>Nickel matt.</td>
</tr>
<tr>
<td>L591590</td>
<td>Chrome.</td>
</tr>
</tbody>
</table>

For IP23 850°

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>L621100</td>
<td>Mounting box for recess in concrete ceilings.</td>
</tr>
</tbody>
</table>

**Die-cast aluminium front with lenticular thermoplastic screen.**

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>L591220</td>
<td>For IP44 850°</td>
</tr>
</tbody>
</table>

**Die-cast aluminium front with decorative frosted glass.**

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>L591320</td>
<td>White.</td>
</tr>
<tr>
<td>L591390</td>
<td>Chrome.</td>
</tr>
</tbody>
</table>

For IP23 850°

*IP20 = recessed part
IP23 or IP44 = external part depending on the accessory used

**ABOVE: RAMADA HOTEL, MILAN (I), LAURA FRANCHI.**

**PAGE 168 AND 172-173: HQ’S PIQUADRO, SILLA DI GAGGIO MONTANO (I), KARIM AZZABI.**
LUCERI SYSTEM 220 FLAT OPTICS

<table>
<thead>
<tr>
<th>TC-DEL (G24q-3)</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>L597400</td>
<td>TC-DEL (G24q-3) 1x26W</td>
<td>0,80kg</td>
<td></td>
</tr>
</tbody>
</table>

LUCERI SYSTEM 220 FLAT WITH EMERGENCY (AUTONOMY 1h) - OPTICS

<table>
<thead>
<tr>
<th>TC-DEL (G24q-2/3)</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS96800</td>
<td>TC-DEL (G24q-2) 2x18W + emergency 1h</td>
<td>1,50kg</td>
<td></td>
</tr>
<tr>
<td>LS96900</td>
<td>TC-DEL (G24q-3) 2x26W + emergency 1h</td>
<td>1,50kg</td>
<td></td>
</tr>
</tbody>
</table>

LUCERI SYSTEM 220 FLAT DIMMABLE - OPTICS

<table>
<thead>
<tr>
<th>TC-DEL (G24q-2/3)</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS930001</td>
<td>TC-TEL (GR14q-1) 2x17W dimmable DALI</td>
<td>1,30kg</td>
<td></td>
</tr>
<tr>
<td>LS931000</td>
<td>TC-DEL (G24q-2) 2x18W dimmable DSI</td>
<td>1,30kg</td>
<td></td>
</tr>
<tr>
<td>LS932000</td>
<td>TC-DEL (G24q-3) 2x26W dimmable DSI</td>
<td>1,30kg</td>
<td></td>
</tr>
</tbody>
</table>

*IP20= recessed part.
IP23 or IP44= external part depending on the accessory used.

accessories see page 174.
photometric data: see page 425.
### LUCERI SYSTEM 220 SCREEN OPTICS

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>L594600</td>
<td>TC-TEL (GR14q-1) 2x14W/17W</td>
<td>0,90kg</td>
</tr>
<tr>
<td>L597600</td>
<td>TC-DEL (G24q-2) 2x18W</td>
<td>0,90kg</td>
</tr>
<tr>
<td>L597700</td>
<td>TC-DEL (G24q-3) 2x26W</td>
<td>0,90kg</td>
</tr>
</tbody>
</table>

accessories see page 174.
photometric data: see page 426.

### LUCERI SYSTEM 220 SCREEN WITH EMERGENCY (AUTONOMY 1h) - OPTICS

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>L597900</td>
<td>TC-DEL (G24q-3) 2x26W + emergency 1h</td>
<td>1,60kg</td>
</tr>
</tbody>
</table>

accessories see page 174.
photometric data: see page 426.

### LUCERI SYSTEM 220 SCREEN DIMMABLE - OPTICS

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>L594601</td>
<td>TC-TEL (GR14q-1) 2x17W dimmable DALI</td>
<td>1,40kg</td>
</tr>
<tr>
<td>L594700</td>
<td>TC-DEL (G24q-2) 2x18W dimmable DSI</td>
<td>1,40kg</td>
</tr>
<tr>
<td>L594800</td>
<td>TC-DEL (G24q-3) 2x26W dimmable DSI</td>
<td>1,40kg</td>
</tr>
</tbody>
</table>

accessories see page 174.
photometric data: see page 426.

---

*IP20= recessed part.
IP23 or IP44= external part depending on the accessory used.
LUCERI SYSTEM 220 WALL WASHER OPTICS

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS96300</td>
<td>TC-DEL (G24q-1) 2x13W</td>
<td>1,30kg</td>
</tr>
<tr>
<td>LS96400</td>
<td>TC-DEL (G24q-2) 2x18W</td>
<td>1,30kg</td>
</tr>
<tr>
<td>LS96500</td>
<td>TC-DEL (G24q-3) 1x26W</td>
<td>1,20kg</td>
</tr>
</tbody>
</table>

photometric data: see page 426.

LUCERI SYSTEM 220 WALL WASHER ISOLUX

Calculation parameters for issuing isolux curve diagrams: Length x height 10,00x3,00m. Distance from wall to illuminate 1,00m. Distance from side wall 1,00m. Distance between luminaires 1,00m. Reflectance factors ceiling/walls/floor 70/50/20%. Maintenance factor 0,90WF.

LUCERI SYSTEM 220 ACCESSORIES

- **Die-cast aluminium front.**
  - LS97520
  - LS97540
  - LS97570
  - LS97590
  - For IP23  850°

- **Plastic front.**
  - LS99620
  - LS99640
  - For IP23  650°

- **Anti-dazzle cross-blade louvre (use with LUCERI 220 flat series, only in combination with the front models LS975.0 and LS996.0).**
  - LS99900
  - For IP23

- **Plastic front with Prisomptic diffuser.**
  - LS99120
  - For IP44  650°

- **Mounting box for recess in concrete ceilings.**
  - L621101

- **Plastic front with transparent glass.**
  - LS99820
  - LS99840
  - For IP44  650°

- **Plastic front with silkscreen printed glass.**
  - LS99720
  - LS99740
  - For IP44  650°

- **Die-cast aluminium front with lenticular thermoplastic screen. White.**
  - LS97220
  - For IP44  850°

- **Die-cast aluminium front with decorative frosted glass.**
  - LS97320
  - LS97390
  - For IP44  850°

*IP2O= recessed part. IP23 or IP44= external part depending on the accessory used.
**LUCERI SYSTEM 290 OPTICS**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>L598100</td>
<td>TC-TEL (GX24q-3) 2x32W non dimmable</td>
<td>2,00kg</td>
</tr>
<tr>
<td>L598700</td>
<td>TC-TEL (GX24q-3) 2x32W non dimmable + emergency 1h</td>
<td>2,80kg</td>
</tr>
<tr>
<td>L598400</td>
<td>TC-TEL (GX24q-3) 2x32W dimmable DSI</td>
<td>2,00kg</td>
</tr>
<tr>
<td>L598200</td>
<td>TC-TEL (GX24q-4) 2x42W non dimmable</td>
<td>2,00kg</td>
</tr>
<tr>
<td>L598800</td>
<td>TC-TEL (GX24q-4) 2x42W non dimmable + emergency 1h</td>
<td>2,80kg</td>
</tr>
<tr>
<td>L598500</td>
<td>TC-TEL (GX24q-4) 2x42W dimmable DSI</td>
<td>2,00kg</td>
</tr>
</tbody>
</table>

photometric data: see page 426.

**LUCERI SYSTEM 290 ACCESSORIES**

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>L599520</td>
<td>Die-cast aluminium front.</td>
<td></td>
</tr>
<tr>
<td>L599540</td>
<td>White</td>
<td></td>
</tr>
<tr>
<td>L599570</td>
<td>Grey</td>
<td></td>
</tr>
<tr>
<td>L599590</td>
<td>Nickel matt.</td>
<td></td>
</tr>
<tr>
<td>L599320</td>
<td>Die-cast aluminium front with decorative frosted glass.</td>
<td></td>
</tr>
<tr>
<td>L599390</td>
<td>White</td>
<td></td>
</tr>
<tr>
<td>L621102</td>
<td>Mounting box for recess in concrete ceilings.</td>
<td></td>
</tr>
</tbody>
</table>

For IP23  850°
### LUCERI 220 SCREEN QUICK REFERENCE

**Diagram:**

- 2x18W TC-DEL (G24q-2)
- 2x26W TC-DEL (G24q-3)

**Table:***

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Colour</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>L597610</td>
<td>TC-DEL (G24q-2) 2x18W</td>
<td>white</td>
<td>0.90kg</td>
</tr>
<tr>
<td>L597810</td>
<td>TC-DEL (G24q-2) 2x18W + emergency 1h</td>
<td>white</td>
<td>1.60kg</td>
</tr>
<tr>
<td>L597620</td>
<td>TC-DEL (G24q-2) 2x18W</td>
<td>grey</td>
<td>0.90kg</td>
</tr>
<tr>
<td>L597820</td>
<td>TC-DEL (G24q-2) 2x18W + emergency 1h</td>
<td>grey</td>
<td>1.60kg</td>
</tr>
<tr>
<td>L597710</td>
<td>TC-DEL (G24q-3) 2x26W</td>
<td>white</td>
<td>0.90kg</td>
</tr>
<tr>
<td>L597910</td>
<td>TC-DEL (G24q-3) 2x26W + emergency 1h</td>
<td>white</td>
<td>1.60kg</td>
</tr>
<tr>
<td>L597720</td>
<td>TC-DEL (G24q-3) 2x26W</td>
<td>grey</td>
<td>0.90kg</td>
</tr>
<tr>
<td>L597920</td>
<td>TC-DEL (G24q-3) 2x26W + emergency 1h</td>
<td>grey</td>
<td>1.60kg</td>
</tr>
</tbody>
</table>

Comes complete with open plastic front.

Photometric data: see page 427.
### LUCERI 220 FLAT QUICK REFERENCE

#### TC-DEL (G24q-2/3)

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>COLOUR</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>L596610</td>
<td>TC-DEL (G24q-2) 2x18W</td>
<td>white</td>
<td>1,00kg</td>
</tr>
<tr>
<td>L596810</td>
<td>TC-DEL (G24q-2) 2x18W + emergency 1h</td>
<td>white</td>
<td>1,70kg</td>
</tr>
<tr>
<td>L596620</td>
<td>TC-DEL (G24q-2) 2x18W</td>
<td>grey</td>
<td>1,00kg</td>
</tr>
<tr>
<td>L596820</td>
<td>TC-DEL (G24q-2) 2x18W + emergency 1h</td>
<td>grey</td>
<td>1,70kg</td>
</tr>
<tr>
<td>L596710</td>
<td>TC-DEL (G24q-3) 2x26W</td>
<td>white</td>
<td>1,00kg</td>
</tr>
<tr>
<td>L596910</td>
<td>TC-DEL (G24q-3) 2x26W + emergency 1h</td>
<td>white</td>
<td>1,70kg</td>
</tr>
<tr>
<td>L596720</td>
<td>TC-DEL (G24q-3) 2x26W</td>
<td>grey</td>
<td>1,00kg</td>
</tr>
<tr>
<td>L596920</td>
<td>TC-DEL (G24q-3) 2x26W + emergency 1h</td>
<td>grey</td>
<td>1,70kg</td>
</tr>
</tbody>
</table>

Comes complete with plastic front with silkscreen printed glass.

#### TC-DEL (G24q-2/3)

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>COLOUR</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>L596650</td>
<td>TC-DEL (G24q-2) 2x18W</td>
<td>white</td>
<td>1,00kg</td>
</tr>
<tr>
<td>L596850</td>
<td>TC-DEL (G24q-2) 2x18W + emergency 1h</td>
<td>white</td>
<td>1,70kg</td>
</tr>
<tr>
<td>L596660</td>
<td>TC-DEL (G24q-2) 2x18W</td>
<td>grey</td>
<td>1,00kg</td>
</tr>
<tr>
<td>L596860</td>
<td>TC-DEL (G24q-2) 2x18W + emergency 1h</td>
<td>grey</td>
<td>1,70kg</td>
</tr>
<tr>
<td>L596750</td>
<td>TC-DEL (G24q-3) 2x26W</td>
<td>white</td>
<td>1,00kg</td>
</tr>
<tr>
<td>L596950</td>
<td>TC-DEL (G24q-3) 2x26W + emergency 1h</td>
<td>white</td>
<td>1,70kg</td>
</tr>
<tr>
<td>L596760</td>
<td>TC-DEL (G24q-3) 2x26W</td>
<td>grey</td>
<td>1,00kg</td>
</tr>
<tr>
<td>L596960</td>
<td>TC-DEL (G24q-3) 2x26W + emergency 1h</td>
<td>grey</td>
<td>1,70kg</td>
</tr>
</tbody>
</table>

Comes complete with plastic front and anti-dazzle cross-blade.

Photometric data: see page 426.
- RECESSED LUMINAIRE USING 2x14/17W AND 2x26W COMPACT FLUORESCENT LAMPS.
- 2 DIFFUSED LIGHTING OPTIONS: WITH OPALINE POLYCARBONATE OR PRISMOPTIC DIFFUSER.
- BODY MADE OF POLYCARBONATE.
- LAMPS CAN BE MAINTAINED WITHOUT THE NEED FOR TOOLS.
- ELECTRONIC CONTROL GEAR OR DALI-SWITCHDIM DIMMABLE ELECTRONIC CONTROL GEAR.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
### LUCERI KADRO DIFFUSER

![Product Image]

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>M025320</td>
<td>TC-DEL (G24q-3) 2x26W non dimmable</td>
<td>1,40kg</td>
<td>IP20/34* 850° white</td>
</tr>
<tr>
<td>M025420</td>
<td>TC-TEL (GR14q-1) 2x14W/17W non dimmable</td>
<td>1,40kg</td>
<td></td>
</tr>
<tr>
<td>M025321</td>
<td>TC-DEL (G24q-3) 2x26W dimmable DALI</td>
<td>1,40kg</td>
<td></td>
</tr>
<tr>
<td>M025421</td>
<td>TC-TEL (GR14q-1) 2x17W dimmable DALI</td>
<td>1,40kg</td>
<td></td>
</tr>
</tbody>
</table>

*Photometric data: see page 427.*

### LUCERI KADRO PRISMOPTIC

![Product Image]

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>M025520</td>
<td>TC-DEL (G24q-3) 2x26W non dimmable</td>
<td>1,40kg</td>
<td>IP20/34* 850° white</td>
</tr>
<tr>
<td>M025620</td>
<td>TC-TEL (GR14q-1) 2x14W/17W non dimmable</td>
<td>1,40kg</td>
<td></td>
</tr>
<tr>
<td>M025521</td>
<td>TC-DEL (G24q-3) 2x26W dimmable DALI</td>
<td>1,40kg</td>
<td></td>
</tr>
<tr>
<td>M025621</td>
<td>TC-TEL (GR14q-1) 2x17W dimmable DALI</td>
<td>1,40kg</td>
<td></td>
</tr>
</tbody>
</table>

*Photometric data: see page 427.*

### LUCERI KADRO ACCESSORIES

<table>
<thead>
<tr>
<th>Interactive-DALI Technology</th>
<th>Interactive-DALI components: see page 409.</th>
</tr>
</thead>
</table>

*IP20* = recessed part / *IP34* = external part.
• RECESSED LUMINAIRE WITH SOFT LIGHT EMISSION, FOR 1x55W TC-DDELI FLUORESCENT LAMP.
• STEEL BODY WITH WHITE PAINT FINISH.
• INTERNAL REFLECTOR IN METALLIZED THERMOPLASTIC.
• FOR INSTALLATION INTO FALSE CEILING SYSTEMS WITH 600x600MM AND 625x625MM MODULES, SUPPORTED BY THE STRUCTURE ITSELF OR BY MEANS OF AN OPTIONAL SUSPENSION KIT, OR INTO PLASTERBOARD FALSE CEILINGS USING A SPECIAL RECESS FRAME (TO BE ORDERED SEPARATELY).
• ELECTRICAL CONNECTION MADE VIA QUICK CONNECTORS.
• LAMPS CAN BE MAINTAINED WITHOUT THE NEED FOR TOOLS.
• LIGHT OUTPUT RATIO: 54%.
• ELECTRONIC OR Dali-SWITCHDIM DIMMABLE ELECTRONIC BALLAST. OPTIONAL EMERGENCY LIGHTING.
• COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
SOLAR INSTALLATION

When incorporated into a modular false ceiling structure, SOLAR is installed in the traditional manner.

When surface mounted, SOLAR is installed by means of a suspension kit (M080403), that holds the fitting in place against the false ceiling.

SOLAR is equipped with an adjustable bracket system to centre the luminaire, and is suitable for nearly all ceiling types.

Recessed into plasterboard false ceilings, SOLAR is installed by means of an optional recess frame (M160600/M160602).

ABOVE: FF-INTERIOR SHOWROOM, MOSCOW (RU). PAGE 181: HQ’S MASERATI MODENA II, STUDIO STURCHIO ARCHITECTS & DESIGNERS.
SOLAR II

TC-DDELI (GR10q3)  

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>FALSE CEILING</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M035500</td>
<td>TC-DDELI (GR10q3) 1x55W non dimmable</td>
<td>600x600mm</td>
<td>5.60kg</td>
</tr>
<tr>
<td>M035507</td>
<td>TC-DDELI (GR10q3) 1x55W non dimmable + emergency 1h</td>
<td>600x600mm</td>
<td>6.20kg</td>
</tr>
<tr>
<td>M035700</td>
<td>TC-DDELI (GR10q3) 1x55W non dimmable</td>
<td>625x625mm</td>
<td>5.70kg</td>
</tr>
</tbody>
</table>

photometric data: see page 427.

SOLAR II DIMMABLE

TC-DDELI (GR10q3)  

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>FALSE CEILING</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M036100</td>
<td>TC-DDELI (GR10q3) 1x55W dimmable DALI</td>
<td>600x600mm</td>
<td>5.60kg</td>
</tr>
<tr>
<td>M033400</td>
<td>TC-DDELI (GR10q3) 1x55W dimmable DALI</td>
<td>625x625mm</td>
<td>5.70kg</td>
</tr>
</tbody>
</table>

photometric data: see page 427.

SOLAR II ACCESSORIES

M080403 Suspension kit.

Recess frame for installation into plaster false ceiling.

M160600 600x600mm, 606x606mm, 0.90kg.
M160602 625x625mm, 633x633mm, 0.94kg.

INTERACTIVE-DALI TECHNOLOGY

INTERACTIVE-DALI components: see page 409.
• RECESSED LUMINAIRE USING 2x55W TC-LEL FLUORESCENT LAMPS.
• MAIN REFLECTOR IN STEEL WITH A WHITE PAINT FINISH.
• POLISHED ALUMINIUM SCREEN EQUIPPED WITH A PRISMOPTIC POLYCARBONATE DIFFUSER.
• FOR INSTALLATION INTO FALSE CEILING SYSTEMS WITH 600x600MM AND 625x625MM MODULES, OR INTO PLASTERBOARD FALSE CEILINGS USING A SPECIAL RECESSING FRAME (OPTIONAL).
• LAMPS CAN BE MAINTAINED WITHOUT THE NEED FOR TOOLS.
• ELECTRONIC OR DALI-SWITCHDIM DIMMABLE ELECTRONIC BALLAST. OPTIONAL EMERGENCY LIGHTING.
• COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
**Bolero**

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>False Ceiling</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M162400</td>
<td>TC-EL (2G11) 2×55W non dimmable</td>
<td>600x600mm</td>
<td>6.90kg</td>
</tr>
<tr>
<td>M162401</td>
<td>TC-EL (2G11) 2×55W dimmable DALI</td>
<td>600x600mm</td>
<td>6.90kg</td>
</tr>
<tr>
<td>M162407</td>
<td>TC-EL (2G11) 2×55W non dimmable + emergency 1h</td>
<td>600x600mm</td>
<td>7.50kg</td>
</tr>
<tr>
<td>M162402</td>
<td>TC-EL (2G11) 2×55W non dimmable</td>
<td>625x625mm</td>
<td>7.30kg</td>
</tr>
<tr>
<td>M162421</td>
<td>TC-EL (2G11) 2×55W dimmable DALI</td>
<td>625x625mm</td>
<td>7.30kg</td>
</tr>
</tbody>
</table>

Photometric data: see page 424.

**Bolero Accessories**

Recess frame for installation into plaster false ceiling.

- M160600 600x600mm, 606x606mm, 0.90kg
- M160602 625x625mm, 633x633mm, 0.94kg

Interactive-DALI components: see page 409.

**Bolero Installation**

Installation with luminaire incorporated into the 600/625 modular ceiling structure.

Installation into plaster ceiling with optional recess frame (M160600 or M160602).
ALTOP

design ERNESTO GISMONDI

- RECESSED LUMINAIRES USING FLUORESCENT 2x36W AND 2x55W TC-LEL FLUORESCENT LAMPS.
- STEEL BODY WITH WHITE PAINT FINISH. OTHER COLOURS ON REQUEST.
- 2 VERSIONS AVAILABLE: DIFFUSED LIGHTING WITH Sanded GLASS DIFFUSER, AND SOFT LIGHT VERSION WITH OPTIONAL TRANSPARENT POLYCARBONATE DUST-PROTECTION SCREEN.
- SUITABLE FOR INSTALLATION INTO FALSE CEILING SYSTEMS WITH EITHER 600x600MM OR 625x625MM MODULES, (THE LUMINAIRES CAN BE SUPPORTED BY THE STRUCTURE ITSELF OR BY MEANS OF OPTIONAL FIXING BRACKETS), OR INTO PLASTERBOARD FALSE CEILINGS USING A SPECIAL RECESSING FRAME (TO BE ORDERED SEPARATELY).
- LAMPS CAN BE MAINTAINED WITHOUT THE NEED FOR TOOLS.
- INTEGRAL ELECTRONIC BALLAST OR DALI-SWITCHDIM DIMMABLE BALLAST, AND EMERGENCY LIGHTING.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
**ALTOP SOFT LIGHT**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>False Ceiling</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M163320</td>
<td>TC-LEL (2G11) 2x55W non dimmable</td>
<td>600x600mm</td>
<td>7.90kg</td>
</tr>
<tr>
<td>M163321</td>
<td>TC-LEL (2G11) 2x55W dimmable DALI</td>
<td>600x600mm</td>
<td>7.90kg</td>
</tr>
<tr>
<td>M163322</td>
<td>TC-LEL (2G11) 2x55W non dimmable + emergency 1h</td>
<td>600x600mm</td>
<td>8.50kg</td>
</tr>
<tr>
<td>M163324</td>
<td>TC-LEL (2G11) 2x55W dimmable DALI</td>
<td>625x625mm</td>
<td>8.30kg</td>
</tr>
</tbody>
</table>

Optional polycarbonate screen (M163400; see below).

**ALTOP DIFFUSER**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>False Ceiling</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M163120</td>
<td>TC-LEL (2G11) 2x36W non dimmable</td>
<td>600x600mm</td>
<td>8.30kg</td>
</tr>
<tr>
<td>M163127</td>
<td>TC-LEL (2G11) 2x36W non dimmable + emergency 1h</td>
<td>600x600mm</td>
<td>9.25kg</td>
</tr>
<tr>
<td>M163122</td>
<td>TC-LEL (2G11) 2x36W non dimmable</td>
<td>625x625mm</td>
<td>8.65kg</td>
</tr>
</tbody>
</table>

**ALTOP ACCESSORIES**

- **M163520** Fixing brackets (set of 4).
  Suitable whenever access to false ceiling is possible from above.

- **M160600** 600x600mm.
  **M160602** 625x625mm.

- **M163400** Polycarbonate transparent screen (for ALTOP SOFT LIGHT).

**INTERACTIVE-DALI** components: see page 409.

**ALTOP INSTALLATION**

- Installation into false ceiling systems with 600x600mm or 625x625mm modules; luminaire supported by the structure itself.
- Installation into false ceiling systems with 600x600mm or 625x625mm modules by means of fixing brackets (M163520 optional).
- Installation into plasterboard false ceiling using a special recess frame (M160600 or M160602 optional).
CHOCOLATE

design a·g Licht
CHOCOLATE FLOOR

• FLOOR LAMP WITH DIRECT-INDIRECT LIGHTING USING 4x24W OR 6x24W T16 AND 2x55W TC-LEL LIGHT SOURCE.
• OPTICAL UNIT AND POLE MADE OF PAINTED ALUMINUM.
• PAINTED STEEL BASE.
• 2 COLOURS: MOKA AND WHITE.
• OPTICS MADE OF TRANSPARENT POLYCARBONATE FITTED WITH A PRISMOPTIC TYPE DIFFUSER.
• LIGHT OUTPUT RATIO: 77% (TC-LEL VERSION) AND 67% (T16).
• LIGHT DISTRIBUTION: 32% DIRECT AND 68% INDIRECT (TC-LEL VERSION), 34% DIRECT AND 66% INDIRECT (T16).
• 4 LEVELS OF ELECTRONIC LIGHT MANAGEMENT DEPENDING ON THE VERSION: ELECTRONIC BALLAST WITH POWER SWITCH, DIMMING CONTROL WITH MANUAL LIGHT INTENSITY ADJUSTMENT, SIMPLE MOTION SENSOR WITH AUTOMATIC ON/OFF SWITCHING BASED ON PRESENCE AND LIGHT LEVEL, AND INTERACTIVE-DALI SYSTEM COMBINING A MOVEMENT DETECTOR AND A DAYLIGHT SENSOR FOR AUTO-REGULATION IN RELATION TO PEOPLE PRESENCE AND VARIATIONS IN DAYLIGHT.
• POLYCARBONATE DUST PROTECTION SCREEN TO BE ORDERED SEPARATELY.
• COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
# CHOCOLATE FLOOR T16

![Diagram of T16 floor light](image)

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1639.0</td>
<td>T16 (G5) 4x24W non dimmable</td>
<td>13.50kg</td>
</tr>
<tr>
<td>M1639.1</td>
<td>T16 (G5) 4x24W dimmable</td>
<td>13.50kg</td>
</tr>
<tr>
<td>M1639.6</td>
<td>T16 (G5) 4x24W INTERACTIVE-DALI</td>
<td>13.70kg</td>
</tr>
<tr>
<td>M1639.9</td>
<td>T16 (G5) 4x24W movement detector</td>
<td>13.50kg</td>
</tr>
<tr>
<td>M1641.0</td>
<td>T16 (G5) 6x24W non dimmable</td>
<td>13.80kg</td>
</tr>
<tr>
<td>M1641.1</td>
<td>T16 (G5) 6x24W dimmable</td>
<td>13.80kg</td>
</tr>
<tr>
<td>M1641.6</td>
<td>T16 (G5) 6x24W INTERACTIVE-DALI</td>
<td>14.00kg</td>
</tr>
<tr>
<td>M1641.9</td>
<td>T16 (G5) 6x24W movement detector</td>
<td>13.80kg</td>
</tr>
</tbody>
</table>

Photometric data: see page 430.

# CHOCOLATE FLOOR T16 ISOLUX

Calculation parameters for issuing isolux curve diagrams: Office with one work station. Length x width x height 5.00x5.00x2.70m. Reflectance factors ceiling/walls/floor 70%/50%/20%. Working plan 1.60x0.80x0.75m. Maintenance factor 0.90WF.

![Isolux curve diagram](image)
CHOCOLATE FLOOR TC-LEL

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1638.0</td>
<td>TC-LEL (2G11) 2x55W non dimmable</td>
<td>13,50kg</td>
</tr>
<tr>
<td>M1638.1</td>
<td>TC-LEL (2G11) 2x55W dimmable</td>
<td>13,50kg</td>
</tr>
<tr>
<td>M1638.6</td>
<td>TC-LEL (2G11) 2x55W INTERACTIVE-DALI</td>
<td>13,70kg</td>
</tr>
</tbody>
</table>

CHOCOLATE FLOOR TC-LEL ISOLUX
Calculation parameters for issuing isolux curve diagrams: Office with one work station. Length x width x height 5,00x5,00x2,70m. Reflectance factors ceiling/walls/floor 70/50/20%. Working plan 1,60x0,80x0,75m. Maintenance factor 0,90WF.

CHOCOLATE FLOOR ACCESSORIES

M164200  Polycarbonate dust protection screen (set of 2).

M104900  INTERACTIVE-DALI remote control.
• WALL LAMP WITH DIRECT-INDIRECT LIGHTING USING 2x24W AND 3x24W T16 FLUORESCENT LIGHT SOURCE.
• PAINTED ALUMINUM BODY.
• 2 COLOURS: MOKA AND WHITE.
• OPTICS MADE OF TRANSPARENT POLYCARBONATE FITTED WITH A PRISMOPTIC TYPE DIFFUSER.
• LIGHT DISTRIBUTION: 37% DIRECT AND 63% INDIRECT.
• ELECTRONIC CONTROL GEAR
• POLYCARBONATE DUST PROTECTION SCREEN.
• COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
**CHOCOLATE WALL**

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
<th>Color</th>
<th>IP20</th>
<th>Photometric Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1645.0</td>
<td>T16 (G5) 2x24W non dimmable</td>
<td>1.90kg</td>
<td>moka 1</td>
<td>850°</td>
<td>See page 436.</td>
</tr>
<tr>
<td>M1646.0</td>
<td>T16 (G5) 3x24W non dimmable</td>
<td>1.90kg</td>
<td>white 2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Polycarbonate dust protection screen included.

Photometric data: see page 436.
CHOCOLATE SUSPENSION

- SINGLE PENDANT LIGHT WITH DIRECT-INDIRECT LIGHTING USING 2x28W AND 2x54W T16 FLUORESCENT LAMPS.
- ALUMINIUM BODY.
- 2 COLOURS: MOCHA AND WHITE.
- OPTICS MADE OF TRANSPARENT POLYCARBONATE FITTED WITH A PRISMOPTIC DIFFUSER.
- LIGHT OUTPUT RATIO: 64%.
- LIGHT DISTRIBUTION: 45% DIRECT AND 55% INDIRECT.
- ELECTRONIC CONTROL GEAR, OR DALI-SWITCHDIM DIMMABLE ELECTRONIC CONTROL GEAR. EMERGENCY LIGHTING ON REQUEST.
- POLYCARBONATE DUST PROTECTION COVER.
- QUICK ADJUSTMENT STEEL SUSPENSION CABLES.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
**CHOCOLATE SUSPENSION**

<table>
<thead>
<tr>
<th>T16 (G5)</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M1647.0</td>
<td>T16 (G5) 2x28W non dimmable</td>
<td>7.20kg</td>
</tr>
<tr>
<td></td>
<td>M1648.0</td>
<td>T16 (G5) 2x54W non dimmable</td>
<td>7.20kg</td>
</tr>
<tr>
<td></td>
<td>M1648.1</td>
<td>T16 (G5) 2x28-54W dimmable DALI</td>
<td>7.20kg</td>
</tr>
</tbody>
</table>

IP20 850° moka 1  white 2

**CHOCOLATE SUSPENSION ACCESSORIES**

INTERACTIVE-DALI technology

INTERACTIVE-DALI components:
see page 409.

Photometric data: see page 432.
ALGORITMO
design CARLOTTA DE BEVILACQUA & PAOLA DI ARIANELLO
ALGORITMO SETS A NEW TREND IN LIGHTING DESIGN. IT’S MORE THAN JUST A TOOL FOR ILLUMINATING AND SHAPING ARCHITECTURE, ALGORITMO BECOMES IN ITSELF AN INTEGRAL ELEMENT OF THE ARCHITECTURE.

ITS SHARP LINES AND MINIMALISTIC DESIGN MAKE IT SUITABLE FOR ANY ARCHITECTURAL ENVIRONMENT WITHIN COMMERCIAL AND DOMESTIC PROJECTS, AND WITH MULTIPLE INSTALLATION OPTIONS IT PROVIDES AN ENDLESS CHOICE OF LIGHTING SOLUTIONS, ALGORITMO HAS NO LIMIT.

ALGORITMO IS AVAILABLE AS A SINGLE LUMINAIRE (ALGORITMO STAND-ALONE) AND AS A MODULAR SYSTEM (ALGORITMO SYSTEM) WITH CEILING RECESSED, WALL RECESSED, CEILING MOUNTED, WALL MOUNTED AND SUSPENDED INSTALLATIONS, AND AS A GROUND RECESSED LIGHTING SYSTEM (ALGORITMO FLOOR).

THE PRODUCT OFFERS MANY COMBINEABLE LIGHTING OPTIONS:
- DIFFUSED LIGHTING IN CONTINUOUS LIGHT LINES WITHOUT SHADOWS THANKS TO THE USE OF T16-SEAMLESS FLUORESCENT LAMP TECHNOLOGY.
- DARK LIGHT EMISSION WITH CONTROLLED LUMINANCE OPTICS.
- DIFFUSED OR WALL WASHER LIGHT EMISSION WITH HIGH-PERFORMING MONOCHROMATIC LED IN NEUTRAL WHITE AND WARM WHITE, AND WITH RGB LED.
- ACCENT LIGHTING WITH THE USE OF PAD, A PROJECTOR USING MONOCHROMATIC HIGH-PERFORMING LED WITH LENSES.
### CRITERIA 1: INSTALLATION

<table>
<thead>
<tr>
<th>Installation Type</th>
<th>ALGORITMO SYSTEM</th>
<th>ALGORITMO STAND-ALONE</th>
<th>ALGORITMO FLOOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ceiling-recessed or wall-recessed</td>
<td>●</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ground-recessed</td>
<td></td>
<td>●</td>
<td></td>
</tr>
<tr>
<td>Wall or ceiling surface linear installation</td>
<td>●</td>
<td>●</td>
<td></td>
</tr>
<tr>
<td>Wall or ceiling surface installation with angles</td>
<td>●</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Suspension linear installation</td>
<td>●</td>
<td>●</td>
<td></td>
</tr>
<tr>
<td>Suspension installation with angles</td>
<td>●</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### CRITERIA 2: LIGHT EMISSION

<table>
<thead>
<tr>
<th>Light Emission Type</th>
<th>ALGORITMO SYSTEM</th>
<th>ALGORITMO STAND-ALONE</th>
<th>ALGORITMO FLOOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fluorescent direct emission diffused or dark light</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Fluorescent direct emission diffused or dark light + fluorescent indirect</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>LED direct emission monochromatic or RGB diffused or wall washer</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>LED direct emission monochromatic or RGB diffused or wall washer + fluorescent indirect</td>
<td>●</td>
<td>●</td>
<td>●</td>
</tr>
<tr>
<td>Accent lighting</td>
<td>●</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LED diffused monochromatic or RGB</td>
<td></td>
<td></td>
<td>●</td>
</tr>
</tbody>
</table>

### CRITERIA 3: LENGTH

| Length up to 1m20                           | ●                | ●                      | ●               |
| Length up to 2m40                           | ●                | ●                      |                 |
| Length up to 4m80                           | ●                |                        |                 |
ALGORITMO SYSTEM

- A MODULAR SYSTEM FOR CEILING-RECESSED, WALL-RECESSED, CEILING-MOUNTED, WALL-MOUNTED AND SUSPENDED INSTALLATIONS.
- EXTREMELY FLEXIBLE AND COMBINABLE: IT IS POSSIBLE TO MIX ON ONE SAME CIRCUIT MANY DIFFERENT LIGHTING OPTIONS: FLUORESCENT DIFFUSED OR DARK LIGHT, HIGH-PERFORMING MONOCHROMATIC LED AND RGB LED WITH DIFFUSED OR WALL WASHER LIGHT EMISSION, AND ALSO ACCENT LIGHT.
- INSTALLATION AS A CONTINUOUS LINE OR WITH ANGLES.
- THE SYSTEM IS COMPOSED OF:
  - STRUCTURAL MODULES IN EXTRUDED ALUMINIUM, AVAILABLE IN UP TO 4 LENGTHS AND TWO FINISHES (WHITE LACQUERED OR BRIGHT ANODIZED FINISH).
  - PRE-WIRED GEAR PLATES WITH INTEGRAL PASS-THROUGH WIRING AND QUICK CONNECTORS.
  - ADDITIONAL TROUGH-WIRING COMPLETE WITH QUICK CONNECTOR.
  - OPTICS SYSTEMS: DIFFUSERS, DARK LIGHT OPTICS OR PAD, A HIGH-PERFORMING MONOCHROMATIC LED PROJECTOR.
  - END CAPS AND CONNECTORS.
  - FIXING BRACKETS AND SUSPENSION WIRES.
  - FLUORESCENT GEAR PLATES WITH INTEGRAL ELECTRONIC CONTROL GEAR, OR DALI-SWITCHDIM DIMMABLE ELECTRONIC CONTROL GEAR.
  - T16-SEAMLESS TUBES TO BE ORDERED SEPARATELY.
  - LED POWER SUPPLY AND LIGHT MANAGEMENT SYSTEM TO BE ORDERED SEPARATELY.
  - COMPLIES WITH STANDARD EN60598-1 AND ANY OTHER SPECIFIC STANDARDS.
**Structural Modules**

- Structural module for ceiling- or wall-recessed installation. Trimless finish, where installation requires a finish coat of plaster. End caps, angles, gear plates and optics not included.

- Structural module for ceiling- or wall-mounting, and suspended installation. End caps, angles, attachments, gear plates and optics not included.

**Wall-Ceiling/Suspended Lighting System**

- Structural module for ceiling- or wall-mounting, and suspended installation. End caps, angles, attachments, gear plates and optics not included.

**Installation Systems**

- End cap.

- 90° angle for connecting two surface modules on one plane.

- Wall-attachment for attaching a suspended module to the wall.

- Bracket for fixing modules to the wall or ceiling.

- Single suspension cable.

- Suspension kit with power supply.

- Linear connector.

- 90° angle for connecting two surface modules on 2 perpendicular planes.

see page: 211 and 213. see page: 213. see page: 211 and 213.
Pre-wired gear plate for fluorescent tubes T16-SLS. Direct or dual light emission*. Includes through-wiring.

Pre-wired gear plate for RGB LED diffused. Direct or dual light emission*. Includes through-wiring.

Pre-wired gear plate for MONOCHROMATIC LED wall washer. Direct or dual light emission*. Includes through-wiring.

Pre-wired gear plate for RGB LED wall washer. Direct or dual light emission*. Includes through-wiring.

Pre-wired gear plate for PAD spots. Suitable for 1 up to 4 PAD. With or without indirect emission*. PAD projectors not included.

Feeding kit (for the connection of the initial pre-wired gear plate of the installation). To be used only with recessed and wall-ceiling mounted installations.

Pre-wired gear plate for RGB LED diffused. Direct or dual light emission*. Includes through-wiring.

Pre-wired gear plate for MONOCHROMATIC LED diffused. Direct or dual light emission*. Includes through-wiring.

Supplementary through-wiring (3 or 7 wires). To be used only with mixed installations combining LED modules with FLUO and/or PAD modules.

Opale diffuser in PMMA for fluorescent version.

Dark light optics for fluorescent version.

Opale diffuser in polycarbonate for MONOCHROMATIC LED and RGB LED diffused.

Frosted diffuser in polycarbonate for MONOCHROMATIC LED and RGB LED wall washer.

Frosted diffuser in polycarbonate for MONOCHROMATIC LED and RGB LED wall washer.

PAD projector 230V for ALGORITMO.

LED control interface.

LED power supply unit.

Covers for 90° angles. For design continuity with the conjoining modules.

Indirect lighting with fluorescent tubes T16 (G5), non dimmable.

see page: 214 and 215.

see page: 215.

see page: 217 and 218.

see page: 235.
EXAMPLE OF ANGULAR INSTALLATION

End cap

Brace (one set of 2 provided with every structural module. Allows the mechanical connection of the modules, with a perfect alignment).

90° angle

Structural module

Structural module

Structural module

End cap
EXAMPLE OF ANGULAR INSTALLATION

- Single suspension cable
- Structural module
- End cap
- Suspension kit with feed
- 90° angle (for connection on the same plane)
- Single suspension cable
- Linear connector
- Structural module
- Wall attachment

Images show different colored angular installations.
**ALGORITMO SYSTEM WALL-CEILING/SUSPENSION STRUCTURAL MODULES**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2050.0</td>
<td>1184mm</td>
<td>2,30kg</td>
</tr>
<tr>
<td>M2051.0</td>
<td>2368mm</td>
<td>4,60kg</td>
</tr>
<tr>
<td>M2063.0</td>
<td>3552mm</td>
<td>6,90kg</td>
</tr>
<tr>
<td>M1995.0</td>
<td>4736mm</td>
<td>9,20kg</td>
</tr>
</tbody>
</table>

**ALGORITMO SYSTEM WALL-CEILING/SUSPENSION COMPONENTS**

- **M1968.0** 90° angle. For the mechanical connection of 2 modules on one same plane. 0,30kg.
- **M1967.0** 90° angle. For the mechanical connection of 2 modules on two perpendicular planes. Includes through-wire extensions. 0,60kg.
- **M1888.0** End cap (set of 2).
- **M189000** Linear connector.
- **M189100** Single suspension cable with quick adjustment system. Length 2m.
- **M189200** 3 wires (3x1,5mm²). For feeding the LED modules.
- **M189300** 7 wires (5x1,5mm² + 2x0,5mm²). For feeding the fluorescent modules or modules with PAD.
- **M189400** Wall attachment. For fixing suspended modules to a vertical wall.

*Also applies with installations as a continuous system.*

*This number is different when installed as a continuous system with 1 or more modules connected together. See on www.artemide.com for more details.*
**ALGORITMO** SYSTEM PRE-WIRED GEAR PLATES WITH DIRECT LIGHT EMISSION

Through-wiring included:
- 7-poles with fluorescent plates
- 3-poles with LED plates.
LED power supply and DALI or DMX control unit to be ordered separately (see page 235).

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M204000</td>
<td>T16-SLS (G5) 1x54W non dimmable</td>
<td>1184mm</td>
<td>1,10kg</td>
</tr>
<tr>
<td>M204001</td>
<td>T16-SLS (G5) 1x28-54W dimmable DALI</td>
<td>1184mm</td>
<td>1,10kg</td>
</tr>
<tr>
<td>M204200</td>
<td>T16-SLS (G5) 2x54W non dimmable</td>
<td>2368mm</td>
<td>2,00kg</td>
</tr>
<tr>
<td>M204201</td>
<td>T16-SLS (G5) 2x28-54W dimmable DALI</td>
<td>2368mm</td>
<td>2,00kg</td>
</tr>
<tr>
<td>M218000</td>
<td>LED 30W WARM WHITE</td>
<td>1184mm</td>
<td>1,10kg</td>
</tr>
<tr>
<td>M218100</td>
<td>LED 30W NEUTRAL WHITE</td>
<td>1184mm</td>
<td>1,10kg</td>
</tr>
<tr>
<td>M218200</td>
<td>LED 60W WARM WHITE</td>
<td>2368mm</td>
<td>2,00kg</td>
</tr>
<tr>
<td>M218300</td>
<td>LED 60W NEUTRAL WHITE</td>
<td>2368mm</td>
<td>2,00kg</td>
</tr>
<tr>
<td>M218800</td>
<td>LED 24W WARM WHITE</td>
<td>1184mm</td>
<td>1,10kg</td>
</tr>
<tr>
<td>M218900</td>
<td>LED 24W NEUTRAL WHITE</td>
<td>1184mm</td>
<td>1,10kg</td>
</tr>
<tr>
<td>M219000</td>
<td>LED 48W WARM WHITE</td>
<td>2368mm</td>
<td>2,00kg</td>
</tr>
<tr>
<td>M219100</td>
<td>LED 48W NEUTRAL WHITE</td>
<td>2368mm</td>
<td>2,00kg</td>
</tr>
<tr>
<td>M199600</td>
<td>LED RGB 18W</td>
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<td>M199700</td>
<td>LED RGB 36W</td>
<td>2368mm</td>
<td>2,00kg</td>
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<tr>
<td>M204400</td>
<td>LED RGB 39W</td>
<td>1184mm</td>
<td>1,10kg</td>
</tr>
<tr>
<td>M204500</td>
<td>LED RGB 78W</td>
<td>2368mm</td>
<td>2,00kg</td>
</tr>
</tbody>
</table>

**ALGORITMO** SYSTEM PRE-WIRED GEAR PLATE FOR PAD PROJECTOR

7-poles through-wiring included.
Dual light emission version provided with upper dust-protection polycarbonate screen.
Indirect fluorescent emission is not dimmable.
PAD projectors are to be ordered separately (see page 218).

<table>
<thead>
<tr>
<th>CODE</th>
<th>VERSION</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M217800</td>
<td>For connecting up to 4 PAD projectors 230V</td>
<td>1184mm</td>
<td>1,20kg</td>
</tr>
<tr>
<td>M217900</td>
<td>For connecting up to 4 PAD projectors 230V + indirect T16 (G5) 1x39W</td>
<td>1184mm</td>
<td>1,20kg</td>
</tr>
</tbody>
</table>
ALGORITMO SYSTEM PRE-WIRED GEAR PLATES WITH DUAL LIGHT EMISSION

Through-wiring included:
- 7-poles with fluorescent plates
- 7-poles + 3-poles with LED plates.
Indirect fluorescent emission is not dimmable.
Upper dust-protection polycarbonate screen is included.
LED power supply and DALI or DMX control unit to be ordered separately (see page 235).

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M204100</td>
<td>T16-SLS (G5) 1x54W non dimmable + T16 (G5) 1x39W</td>
<td>1184mm</td>
<td>1.30kg</td>
</tr>
<tr>
<td>M204101</td>
<td>T16-SLS (G5) 1x28-54W dimmable DALI + T16 (G5) 1x39W</td>
<td>1184mm</td>
<td>1.30kg</td>
</tr>
<tr>
<td>M204300</td>
<td>T16-SLS (G5) 2x54W non dimmable + T16 (G5) 2x39W</td>
<td>2368mm</td>
<td>2.20kg</td>
</tr>
<tr>
<td>M204301</td>
<td>T16-SLS (G5) 2x28-54W dimmable DALI + T16 (G5) 2x39W</td>
<td>2368mm</td>
<td>2.20kg</td>
</tr>
</tbody>
</table>

LED MONOCHROMATIC DIFFUSED

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M218400</td>
<td>LED 30W WARM WHITE + T16 (G5) 1x39W</td>
<td>1184mm</td>
<td>1.30kg</td>
</tr>
<tr>
<td>M218500</td>
<td>LED 30W NEUTRAL WHITE + T16 (G5) 1x39W</td>
<td>1184mm</td>
<td>1.30kg</td>
</tr>
<tr>
<td>M218600</td>
<td>LED 60W WARM WHITE + T16 (G5) 2x39W</td>
<td>2368mm</td>
<td>2.20kg</td>
</tr>
<tr>
<td>M218700</td>
<td>LED 60W NEUTRAL WHITE + T16 (G5) 2x39W</td>
<td>2368mm</td>
<td>2.20kg</td>
</tr>
</tbody>
</table>

LED MONOCHROMATIC WALL WASHER

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M219200</td>
<td>LED 24W WARM WHITE + T16 (G5) 1x39W</td>
<td>1184mm</td>
<td>1.30kg</td>
</tr>
<tr>
<td>M219300</td>
<td>LED 24W NEUTRAL WHITE + T16 (G5) 1x39W</td>
<td>1184mm</td>
<td>1.30kg</td>
</tr>
<tr>
<td>M219400</td>
<td>LED 48W WARM WHITE + T16 (G5) 2x39W</td>
<td>2368mm</td>
<td>2.20kg</td>
</tr>
<tr>
<td>M219500</td>
<td>LED 48W NEUTRAL WHITE + T16 (G5) 2x39W</td>
<td>2368mm</td>
<td>2.20kg</td>
</tr>
</tbody>
</table>

LED RGB DIFFUSED

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M199800</td>
<td>LED RGB 18W + T16 (G5) 1x39W</td>
<td>1184mm</td>
<td>1.30kg</td>
</tr>
<tr>
<td>M199900</td>
<td>LED RGB 36W + T16 (G5) 2x39W</td>
<td>2368mm</td>
<td>2.20kg</td>
</tr>
</tbody>
</table>

LED RGB WALL WASHER

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M204600</td>
<td>LED RGB 39W + T16 (G5) 1x39W</td>
<td>1184mm</td>
<td>1.30kg</td>
</tr>
<tr>
<td>M204700</td>
<td>LED RGB 78W + T16 (G5) 2x39W</td>
<td>2368mm</td>
<td>2.20kg</td>
</tr>
</tbody>
</table>

ALGORITMO LIGHT SOURCES

Fluorescent tube T16-SEAMLESS (G5) (1 piece).
M004800 54W (3000K).
M004805 54W (4000K).

Fluorescent tube T16 (G5) (1 piece).
M004380 39W (3000K).
M004381 39W (4000K).

ALGORITMO SYSTEM ELECTRICAL COMPONENTS

Supplementary through-wiring:
To be used when FLUO/PAD gear plates are mixed with LED gear plates.

M198800 3 poles. Length 1184mm.
M199000 3 poles. Length 2368mm.
M198700 7 poles. Length 1184mm.
M198900 7 poles. Length 2368mm.

M221900 Electrical connector for coupling wall-surface or wall-recessed-mounted LED modules of ALGORITMO SYSTEM with floor-recessed modules of ALGORITMO FLOOR, powered through the same shared electrical circuit.

Feeding kit:
Allows to connect the mains to the first pre-wired gear plate of the initial module.
To be used only with recessed and surface installations.

M073230 3 poles (for feeding LED gear plates).
M073240 7 poles (for feeding FLUO/PAD gear plates).

LED power-supply units and control systems: see page 235.
ALGORITMO SYSTEM DIFFUSER FOR FLUO

Opale diffuser in PMMA. To be clipped on the modules. Not suitable for LED version.

<table>
<thead>
<tr>
<th>CODE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M188100</td>
<td>1184mm</td>
<td>0,10kg</td>
</tr>
<tr>
<td>M188200</td>
<td>2368mm</td>
<td>0,20kg</td>
</tr>
<tr>
<td>M203700</td>
<td>3552mm</td>
<td>0,30kg</td>
</tr>
<tr>
<td>M197800</td>
<td>4736mm</td>
<td>0,40kg</td>
</tr>
</tbody>
</table>

ALGORITMO SYSTEM DIFFUSER FOR LED DIFFUSED

Opale diffuser in polycarbonate. To be clipped on the modules. Not suitable for FLUORESCENT version.

<table>
<thead>
<tr>
<th>CODE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M197400</td>
<td>1184mm</td>
<td>0,10kg</td>
</tr>
<tr>
<td>M186800</td>
<td>2368mm</td>
<td>0,20kg</td>
</tr>
<tr>
<td>M203800</td>
<td>3552mm</td>
<td>0,30kg</td>
</tr>
<tr>
<td>M197500</td>
<td>4736mm</td>
<td>0,40kg</td>
</tr>
</tbody>
</table>

ALGORITMO SYSTEM DIFFUSER FOR LED WALL WASHER

Frosted diffuser in polycarbonate. To be clipped on the modules.

<table>
<thead>
<tr>
<th>CODE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M197600</td>
<td>1184mm</td>
<td>0,10kg</td>
</tr>
<tr>
<td>M186900</td>
<td>2368mm</td>
<td>0,20kg</td>
</tr>
<tr>
<td>M203900</td>
<td>3552mm</td>
<td>0,30kg</td>
</tr>
<tr>
<td>M197700</td>
<td>4736mm</td>
<td>0,40kg</td>
</tr>
</tbody>
</table>

ALGORITMO SYSTEM DARK LIGHT OPTICS FOR FLUO

Dark light optics in metallized polycarbonate. To be clipped on the modules.

<table>
<thead>
<tr>
<th>CODE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M188500</td>
<td>1184mm</td>
<td>0,20kg</td>
</tr>
<tr>
<td>M188600</td>
<td>2368mm</td>
<td>0,40kg</td>
</tr>
</tbody>
</table>
ALGORITMO SYSTEM COVERS FOR 90° ANGLES ON THE SAME PLANE

<table>
<thead>
<tr>
<th>CODE</th>
<th>VERSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>M197900</td>
<td>For connection with fluorescent diffused modules</td>
</tr>
<tr>
<td>M198000</td>
<td>For connection with fluorescent dark light modules</td>
</tr>
<tr>
<td>M198100</td>
<td>For connection with modules for MONOCHROMATIC/RGB LED diffused</td>
</tr>
<tr>
<td>M198200</td>
<td>For connection with modules for MONOCHROMATIC/RGB LED wall washer</td>
</tr>
</tbody>
</table>

To be clipped on the angle. Suitable for the angles M196600 and M1968.0.

ALGORITMO SYSTEM COVERS FOR 90° ANGLES ON 2 PERPENDICULAR PLANES

<table>
<thead>
<tr>
<th>CODE</th>
<th>VERSION</th>
</tr>
</thead>
<tbody>
<tr>
<td>M198300</td>
<td>For connection with fluorescent diffused modules</td>
</tr>
<tr>
<td>M198400</td>
<td>For connection with fluorescent dark light modules</td>
</tr>
<tr>
<td>M198500</td>
<td>For connection with modules for MONOCHROMATIC/RGB LED diffused</td>
</tr>
<tr>
<td>M198600</td>
<td>For connection with modules for MONOCHROMATIC/RGB LED wall washer</td>
</tr>
</tbody>
</table>

To be clipped on the angle. Suitable for the angle M1967.0.

PAD FOR ALGORITMO

<table>
<thead>
<tr>
<th>LED MONOCHROMATIC</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M200002</td>
<td>LED 13W 2x5° WARM WHITE</td>
<td>0,80kg</td>
</tr>
<tr>
<td></td>
<td>M200102</td>
<td>LED 13W 2x5° NEUTRAL WHITE</td>
<td>0,80kg</td>
</tr>
<tr>
<td></td>
<td>M200202</td>
<td>LED 13W 2x10° WARM WHITE</td>
<td>0,80kg</td>
</tr>
<tr>
<td></td>
<td>M200302</td>
<td>LED 13W 2x10° NEUTRAL WHITE</td>
<td>0,80kg</td>
</tr>
<tr>
<td></td>
<td>M200402</td>
<td>LED 13W 2x20° WARM WHITE</td>
<td>0,80kg</td>
</tr>
<tr>
<td></td>
<td>M200502</td>
<td>LED 13W 2x20° NEUTRAL WHITE</td>
<td>0,80kg</td>
</tr>
</tbody>
</table>

PAD projector mounted onto a steel plate with metalgrey paint finish.

PAD FOR ALGORITMO ACCESSORIES

- **M217660**: Blind panel. For closing the positions where no PAD projector is used. 1 piece required for each empty position.
  - **metal-grey**

- **M217660**: Intermediate finishing cap (set of 2 pcs). To be used at the junction of PAD modules with FLUO or LED modules.
  - **metal-grey**

Photometric data: see page 415. PAD projector: see pages 26-29.
A RANGE OF ALL-INCLUSIVE READY-TO-BE-INSTALLED SINGLE LUMINAIRES FOR PENDANT, WALL OR CEILING SURFACE INSTALLATION.

EXTRUDED ALUMINIUM BODY WITH A WHITE PAINT OR BRIGHT ANODIZED FINISH, AVAILABLE IN LENGTHS OF 1188MM AND 2372MM.

FLUORESCENT VERSION USING T16-SEAMLESS LAMPS, WITH OPAL DIFFUSER OR DARK LIGHT REFLECTOR. ELECTRONIC CONTROL GEAR OR DALI-SWITCHDIM DIMMABLE ELECTRONIC CONTROL GEAR.

LED VERSION WITH SYMMETRICAL DIFFUSED OR ASYMMETRICAL WALL WASHER LIGHT EMISSION, WITH MONOCHROMATIC NEUTRAL WHITE AND WARM WHITE TONES, AND RGB. POWER SUPPLY AND DALI CONTROL UNIT ARE INCLUDED.

SUSPENDED VERSION WITH DIRECT ILLUMINATION OR DUAL LIGHT EMISSION.

LUMINAIRES COME COMPLETE WITH END CAPS, FIXING BRACKETS OR SUSPENSION CABLES AND OPTICS.

FLUORESCENT LAMPS ARE TO BE ORDERED SEPARATELY.

COMPLIES WITH STANDARD EN60598-1 AND ANY OTHER SPECIFIC STANDARDS.
**ALGORITMO** STAND-ALONE SUSPENSION FLUO DIFFUSER

**ALGORITMO** STAND-ALONE SUSPENSION FLUO DARK LIGHT

**ALGORITMO** LIGHT SOURCES
**ALGORITMO STAND-ALONE WALL/CEILING FLUO DIFFUSER**

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2052.0</td>
<td>T16-SLS (G5) 1x54W non-dimmable</td>
<td>1188mm</td>
<td>3,80kg</td>
</tr>
<tr>
<td>M2052.1</td>
<td>T16-SLS (G5) 1x28-54W dimmable DALI</td>
<td>1188mm</td>
<td>3,80kg</td>
</tr>
<tr>
<td>M2053.0</td>
<td>T16-SLS (G5) 2x54W non-dimmable</td>
<td>2372mm</td>
<td>7,10kg</td>
</tr>
<tr>
<td>M2053.1</td>
<td>T16-SLS (G5) 2x28-54W dimmable DALI</td>
<td>2372mm</td>
<td>7,10kg</td>
</tr>
</tbody>
</table>

**ALGORITMO STAND-ALONE WALL/CEILING FLUO DARK LIGHT**

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2068.0</td>
<td>T16-SLS (G5) 1x54W non-dimmable</td>
<td>1188mm</td>
<td>3,80kg</td>
</tr>
<tr>
<td>M2068.1</td>
<td>T16-SLS (G5) 1x28-54W dimmable DALI</td>
<td>1188mm</td>
<td>3,80kg</td>
</tr>
<tr>
<td>M2069.0</td>
<td>T16-SLS (G5) 2x54W non-dimmable</td>
<td>2372mm</td>
<td>7,10kg</td>
</tr>
<tr>
<td>M2069.1</td>
<td>T16-SLS (G5) 2x28-54W dimmable DALI</td>
<td>2372mm</td>
<td>7,10kg</td>
</tr>
</tbody>
</table>

Photometric data: see page 427.
ALGORITMO STAND-ALONE SUSPENSION LED MONOCHROMATIC DIFFUSER

**LED MONOCHROMATIC T16 (G5)**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2086.0</td>
<td>LED 30W WARM WHITE dimmable DALI</td>
<td>1188mm</td>
<td>3,80kg</td>
</tr>
<tr>
<td>M2088.0</td>
<td>LED 30W NEUTRAL WHITE dimmable DALI</td>
<td>1188mm</td>
<td>3,80kg</td>
</tr>
<tr>
<td>M2087.0</td>
<td>LED 60W WARM WHITE dimmable DALI</td>
<td>2372mm</td>
<td>7,10kg</td>
</tr>
<tr>
<td>M2089.0</td>
<td>LED 60W NEUTRAL WHITE dimmable DALI</td>
<td>2372mm</td>
<td>7,10kg</td>
</tr>
</tbody>
</table>

**DIRECT LIGHT EMISSION**

- LED 30W WARM WHITE dimmable DALI + T16 (G5) 1x39W
- LED 30W NEUTRAL WHITE dimmable DALI + T16 (G5) 1x39W
- LED 60W WARM WHITE dimmable DALI + T16 (G5) 2x39W
- LED 60W NEUTRAL WHITE dimmable DALI + T16 (G5) 2x39W

Luminaire comes complete with DALI power supply unit.
*Indirect emission is not dimmable. Upper dust-protection polycarbonate screen is included.

photometric data: see page 431.

---

ALGORITMO STAND-ALONE SUSPENSION LED MONOCHROMATIC WALL WASHER

**LED MONOCHROMATIC T16 (G5)**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2094.0</td>
<td>LED 24W WARM WHITE dimmable DALI</td>
<td>1188mm</td>
<td>3,80kg</td>
</tr>
<tr>
<td>M2096.0</td>
<td>LED 24W NEUTRAL WHITE dimmable DALI</td>
<td>1188mm</td>
<td>3,80kg</td>
</tr>
<tr>
<td>M2095.0</td>
<td>LED 48W WARM WHITE dimmable DALI</td>
<td>2372mm</td>
<td>7,10kg</td>
</tr>
<tr>
<td>M2097.0</td>
<td>LED 48W NEUTRAL WHITE dimmable DALI</td>
<td>2372mm</td>
<td>7,10kg</td>
</tr>
</tbody>
</table>

**DIRECT LIGHT EMISSION**

- LED 24W WARM WHITE dimmable DALI + T16 (G5) 1x39W
- LED 24W NEUTRAL WHITE dimmable DALI + T16 (G5) 1x39W
- LED 48W WARM WHITE dimmable DALI + T16 (G5) 2x39W
- LED 48W NEUTRAL WHITE dimmable DALI + T16 (G5) 2x39W

Luminaire comes complete with DALI power supply unit.
*Indirect emission is not dimmable. Upper dust-protection polycarbonate screen is included.

---

ALGORITMO LIGHT SOURCES

- Fluorescent tube T16 (G5) (1 piece).
  - M004380 39W (3000K).
  - M004381 39W (4000K).
ALGORITMO STAND-ALONE WALL/CEILING LED MONOCHROMATIC DIFFUSER

LED MONOCHROMATIC

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2102.0</td>
<td>LED 30W WARM WHITE dimmable DALI</td>
<td>1188mm</td>
<td>3,80kg</td>
</tr>
<tr>
<td>M2104.0</td>
<td>LED 30W NEUTRAL WHITE dimmable DALI</td>
<td>1188mm</td>
<td>3,80kg</td>
</tr>
<tr>
<td>M2103.0</td>
<td>LED 60W WARM WHITE dimmable DALI</td>
<td>2372mm</td>
<td>7,10kg</td>
</tr>
<tr>
<td>M2105.0</td>
<td>LED 60W NEUTRAL WHITE dimmable DALI</td>
<td>2372mm</td>
<td>7,10kg</td>
</tr>
</tbody>
</table>

Luminaire comes complete with DALI power supply unit.

photometric data: see page 427.

ALGORITMO STAND-ALONE WALL/CEILING LED MONOCHROMATIC WALL WASHER

LED MONOCHROMATIC

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2106.0</td>
<td>LED 24W WARM WHITE dimmable DALI</td>
<td>1188mm</td>
<td>3,80kg</td>
</tr>
<tr>
<td>M2108.0</td>
<td>LED 24W NEUTRAL WHITE dimmable DALI</td>
<td>1188mm</td>
<td>3,80kg</td>
</tr>
<tr>
<td>M2107.0</td>
<td>LED 48W WARM WHITE dimmable DALI</td>
<td>2372mm</td>
<td>7,10kg</td>
</tr>
<tr>
<td>M2109.0</td>
<td>LED 48W NEUTRAL WHITE dimmable DALI</td>
<td>2372mm</td>
<td>7,10kg</td>
</tr>
</tbody>
</table>

Luminaire comes complete with DALI power supply unit.
### ALGORITMO STAND-ALONE SUSPENSION LED RGB WALL WASHER

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source Description</th>
<th>Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2074.0</td>
<td>LED RGB 18W with DALI control</td>
<td>1188mm</td>
<td>3,80kg</td>
</tr>
<tr>
<td>M2075.0</td>
<td>LED RGB 36W with DALI control</td>
<td>2372mm</td>
<td>7,10kg</td>
</tr>
<tr>
<td>M2076.0</td>
<td>LED RGB 18W with DALI control + T16 (G5) 1x39W</td>
<td>1188mm</td>
<td>4,00kg</td>
</tr>
<tr>
<td>M2077.0</td>
<td>LED RGB 36W with DALI control + T16 (G5) 2x39W</td>
<td>2372mm</td>
<td>7,30kg</td>
</tr>
</tbody>
</table>

*Luminaire comes complete with power-supply and DALI control unit.
*Indirect emission is not dimmable. Upper dust-protection polycarbonate screen is included.

### ALGORITMO LIGHT SOURCES

**Fluorescent tube T16 (G5)**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Wattage</th>
<th>Colour</th>
</tr>
</thead>
<tbody>
<tr>
<td>M004380</td>
<td>39W (3000K)</td>
<td>1 piece</td>
<td></td>
</tr>
<tr>
<td>M004381</td>
<td>39W (4000K)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
ALGORITMO STAND-ALONE WALL/CEILING LED RGB WALL WASHER

<table>
<thead>
<tr>
<th>LED RGB</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M2084.0</td>
<td>LED RGB 39W with DALI control</td>
<td>1188mm</td>
<td>3.80kg</td>
</tr>
<tr>
<td></td>
<td>M2085.0</td>
<td>LED RGB 78W with DALI control</td>
<td>2372mm</td>
<td>7.10kg</td>
</tr>
</tbody>
</table>

Luminaire comes complete with power-supply and DALI control unit.

ALGORITMO STAND-ALONE WALL/CEILING LED RGB DIFFUSER

<table>
<thead>
<tr>
<th>LED RGB</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M2078.0</td>
<td>LED RGB 18W with DALI control</td>
<td>1188mm</td>
<td>3.80kg</td>
</tr>
<tr>
<td></td>
<td>M2079.0</td>
<td>LED RGB 36W with DALI control</td>
<td>2372mm</td>
<td>7.10kg</td>
</tr>
</tbody>
</table>

Luminaire comes complete with power-supply and DALI control unit.
ALGORITMO FLOOR

design CARLOTTA DE BEVILACQUA & PAOLA DI ARIANELLO
FLOOR RECESSED LED LIGHTING SYSTEM FOR CREATING NARROW LIGHT LINES, IDEAL FOR STRUCTURING OF SPACES, FOR OUTLINING THE ARCHITECTURE OR PROVIDING ORIENTATION LIGHTING.

- IP67. INDOOR USE EXCLUSIVELY.
- COMPOSED OF LIGHTING UNITS WITH RGB LED OR MONOCHROMATIC LED WITH WARM WHITE AND NEUTRAL WHITE EMISSION, AND A RECESSING PROFILE.
- THE EXTREMELY COMPACT DIMENSIONS ALLOW A MINIMUM VISUAL IMPACT ON THE ARCHITECTURE.
- LIGHTING UNIT IN EXTRUDED ALUMINIUM WITH ANODIZED FINISH, SEALED WITH A WHITE OPALINE PERMANENT TEMPERED GLASS OF 8 MM THICK.
- 3 LENGTH OPTIONS: 600MM, 900MM AND 1200MM.

- POWER SUPPLY AND LIGHT MANAGEMENT SYSTEM TO BE ORDERED SEPARATELY.
- RECESSING PROFILE IN EXTRUDED ALUMINIUM TO BE ORDERED SEPARATELY. AVAILABLE IN TWO LENGTHS (1300MM AND 4900MM) TO BE CUT ON SITE TO THE REQUIRED CONFIGURATION. COMES COMPLETE WITH REMOVABLE COVER IN RECYCLABLE PLASTIC MATERIAL, THAT ALLOWS A PERFECTLY FLUSH INSTALLATION.
- STATIC LOAD RESISTANCE: 5000N.
- LIGHTING UNIT PROVIDED WITH QUICK-CONNECTOR SYSTEM FOR EASY BRIDGING CONNECTION.
- A PROPRIETARY LOW TENSION BUS PERMITS TO COVER LONG DISTANCES WITHOUT FURTHER FEEDINGS.
- NOT SUITABLE FOR WALL OR CEILING INSTALLATION.
- COMPLIES WITH STANDARD EN60598-1 AND ANY OTHER SPECIFIC STANDARDS.
ALGORITMO FLOOR LIGHTING UNIT

LED MONOCHROMATIC LED RGB

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M220000</td>
<td>LED RGB 9W</td>
<td>600mm</td>
<td>1,30kg</td>
</tr>
<tr>
<td>M220100</td>
<td>LED RGB 13,5W</td>
<td>900mm</td>
<td>1,90kg</td>
</tr>
<tr>
<td>M220200</td>
<td>LED RGB 18W</td>
<td>1200mm</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M220300</td>
<td>LED MONOCHROMATIC 4,8W WARM WHITE</td>
<td>600mm</td>
<td>1,30kg</td>
</tr>
<tr>
<td>M220400</td>
<td>LED MONOCHROMATIC 4,8W NEUTRAL WHITE</td>
<td>600mm</td>
<td>1,90kg</td>
</tr>
<tr>
<td>M220500</td>
<td>LED MONOCHROMATIC 7,2W WARM WHITE</td>
<td>900mm</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M220600</td>
<td>LED MONOCHROMATIC 7,2W NEUTRAL WHITE</td>
<td>900mm</td>
<td>1,30kg</td>
</tr>
<tr>
<td>M220700</td>
<td>LED MONOCHROMATIC 9,6W WARM WHITE</td>
<td>1200mm</td>
<td>1,90kg</td>
</tr>
<tr>
<td>M220800</td>
<td>LED MONOCHROMATIC 9,6W NEUTRAL WHITE</td>
<td>1200mm</td>
<td>2,50kg</td>
</tr>
</tbody>
</table>

ALGORITMO FLOOR RECESSING COMPONENTS

- Recessing profile in extruded aluminium. Can be cut on site to the required length.
  - M221000 Length 1300mm.
  - M221100 Length 4900mm.

- End cap (set of 2) in aluminium.
  - M221000 Length 43,5mm.

- Fixing bracket (set of 4) in stainless steel. Can slide along the profile for easy positioning and installation. Height adjustment ranging 22mm.
  - M221400

- Straight mechanical connector (set of 2) in stainless steel. For the mechanical connection of the recessing profiles.
  - M221500

ALGORITMO FLOOR ELECTRICAL COMPONENTS

- Power feed cable set. Consists of one 5m long power feed cable (3x0,75mm²) for connecting the first luminaire to the control interface, + 1 blanking plug for sealing the last luminaire of the row.
  - M221600 Length 10m.
  - M221700 Length 20m.

- Extension cable 3x0,75mm².
  - M221800 Length 10m.

- Electrical connector for coupling wall-surface or wall-recessed-mounted LED modules of ALGORITMO SYSTEM with floor-recessed modules of ALGORITMO FLOOR, powered through the same shared electrical circuit.
  - M221900 LED power-supply units and control systems: see page 235.
### ALGORITMO FLOOR INSTALLATION

![Diagram of floor installation components]

- **End cap**
- **Power feed cable set inside a corrugated tubing (connected to the control interface)**
- **Recessing profile**
- **Fixing bracket**
- **Extension cable (10m, 20m or custom-made) inside a corrugated tubing**
- **Line of lighting units**

### ALGORITMO FLOOR INSTALLATION: PARTICULARITIES

**SINGLE LIGHTING UNITS, OR THE LIGHTING UNITS STARTING AND ENDING A ROW CANNOT BE 600MM LONG**

<table>
<thead>
<tr>
<th>600mm</th>
<th>900mm</th>
<th>1200mm</th>
<th>600mm</th>
<th>900mm</th>
<th>1200mm</th>
<th>600mm</th>
<th>900mm</th>
<th>1200mm</th>
<th>600mm</th>
<th>900mm</th>
<th>1200mm</th>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

PAGE 234: AF STEELCASE, MADRID (SP), JOHN SMALL ARCHITECT.
Recessing profile cut on site to the required dimension

Fixing bracket

Straight connector

End cap

Blanking plug (provided with the feed cable set)
Electronic power supply. IP67.
Input voltage range: 90-264VAC / 47-63Hz.
Output voltage: 48VDC.
Protection against overcurrent, overvoltage, short-circuit and overtemperature, with automatic restart.

- **M075000**: 100W. For feeding up to a total 90W. 220x68x38mm.
- **M075100**: 240W. For feeding up to a total 225W. 244x68x39mm.

Control interface. For managing groups of ALGORITMO SYSTEM and/or ALGORITMO FLOOR lighting units.
Integrated sequencer for "stand-alone" operation with pre-defined colour sequence. Possibility of master-slave configuration (see connection drawings below). Power-supply units and lighting management systems to be ordered separately (see instructions for use).

- **M075200**: IP67. Compatible DALI. 252x162x90mm.
- **M075300**: IP67. Compatible DALI + DMX. 252x162x90mm.
- **M075400**: IP20. Compatible DALI. Suitable for DIN rail mounting. 106x90x70mm.
- **M075500**: IP20. Compatible DALI + DMX. Suitable for DIN rail mounting. 106x90x70mm.

**ALGORITMO LED CONTROL: WIRING SCHEME**

### STAND-ALONE CONFIGURATION

<table>
<thead>
<tr>
<th>POWER SUPPLY UNIT</th>
<th>CONTROL INTERFACE</th>
<th>LED LUMINAIRE</th>
<th>LED LUMINAIRE</th>
<th>LED LUMINAIRE</th>
<th>LED LUMINAIRE</th>
</tr>
</thead>
<tbody>
<tr>
<td>M075000 (P=100W)</td>
<td>M075200 (DALI)</td>
<td>LED LUMINAIRE</td>
<td>LED LUMINAIRE</td>
<td>LED LUMINAIRE</td>
<td>LED LUMINAIRE</td>
</tr>
<tr>
<td>OR M075100 (P=240W)</td>
<td>M075300 (DALI/DMX)</td>
<td>LED LUMINAIRE</td>
<td>LED LUMINAIRE</td>
<td>LED LUMINAIRE</td>
<td>LED LUMINAIRE</td>
</tr>
</tbody>
</table>

\[
\sum W < 0.8P \\
2A + B < 50m \\
n < 24 \text{ units}
\]

### MASTER-SLAVE CONFIGURATION

<table>
<thead>
<tr>
<th>POWER SUPPLY UNIT</th>
<th>CONTROL INTERFACE</th>
<th>LED LUMINAIRE</th>
<th>LED LUMINAIRE</th>
<th>LED LUMINAIRE</th>
<th>LED LUMINAIRE</th>
</tr>
</thead>
<tbody>
<tr>
<td>M075000 (P=100W)</td>
<td>M075200 (DALI)</td>
<td>LED LUMINAIRE</td>
<td>LED LUMINAIRE</td>
<td>LED LUMINAIRE</td>
<td>LED LUMINAIRE</td>
</tr>
<tr>
<td>OR M075100 (P=240W)</td>
<td>M075300 (DALI/DMX)</td>
<td>LED LUMINAIRE</td>
<td>LED LUMINAIRE</td>
<td>LED LUMINAIRE</td>
<td>LED LUMINAIRE</td>
</tr>
</tbody>
</table>

\[
\sum W < 0.8P \\
2A_1 + B_1 < 50m \\
n < 24 \text{ units}
\]

\[
\sum W < 0.8P \\
2A_2 + B_2 < 50m \\
m < 24 \text{ units}
\]

\[
\sum W < 0.8P \\
2(A_1+A_2) + B_1 + B_2 < 50m \\
n+m < 24 \text{ units}
\]

### ALTERNATIVE CONFIGURATION

<table>
<thead>
<tr>
<th>POWER SUPPLY UNIT</th>
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<th>LED LUMINAIRE</th>
<th>LED LUMINAIRE</th>
<th>LED LUMINAIRE</th>
<th>LED LUMINAIRE</th>
</tr>
</thead>
<tbody>
<tr>
<td>M075000 (P=100W)</td>
<td>M075200 (DALI)</td>
<td>LED LUMINAIRE</td>
<td>LED LUMINAIRE</td>
<td>LED LUMINAIRE</td>
<td>LED LUMINAIRE</td>
</tr>
<tr>
<td>OR M075100 (P=240W)</td>
<td>M075300 (DALI/DMX)</td>
<td>LED LUMINAIRE</td>
<td>LED LUMINAIRE</td>
<td>LED LUMINAIRE</td>
<td>LED LUMINAIRE</td>
</tr>
</tbody>
</table>

\[
\sum W < 0.8P \\
(2A_1 + A_2) + B_1 + B_2 < 50m \\
n+m < 24 \text{ units}
\]
NOTHING 86 SYSTEM
design ERNESTO GISMONDI
A versatile modular lighting system for linear diffused or dark light emission and freely configurable accent lighting.
• Composed of structural modules in extruded aluminium, prewired gear plates and optics systems.
• 3 types of installation: recessed, surface mounting and suspended.
• Structural modules available in 12 different lengths of up to 4736mm, specially designed to allow the lighting designer to alternate as freely as possible different light sources. The lighting sequence can also evolve over time to meet new arrangements, as long as it remains compatible with the initial total length installed.
• Linear fluorescent, LED and metal halide technologies can be freely alternated.
• Pre-wired gear plates with quick-connectors, with direct fluorescent or LED lighting equipment, and indirect fluorescent illumination.
• 2 options of fluorescent diffused lighting available: T16-seamless lamps or conventional T16 lamps with overlapping arrangement for uninterrupted light lines without dark spots.
• 2 LED equipment options: monochromatic with warm white or neutral white emission, and RGB.
• Angular configurations possible by means of junction angles on the same plane or on 2 perpendicular planes (on request).
• Simple installations can be managed with "all-in-one" fixtures (nothing 86 Stand-Alone) already pre-configured and fully accessorized.
• Complies with standard EN60598-1 and other specific standards.
**NOTHING 86 SYSTEM STAND-ALONE SUSPENSION FLUO DIFFUSER**

- **T16 (G5)**
  - **Code**
  - **Light Source**
  - **Length**
  - **Direct Light Emission**
    - M2265.0: T16 (G5) 2x54W non dimmable
    - 1425mm
    - M2265.1: T16 (G5) 2x28-54W dimmable DALI
    - 1425mm
    - M2266.0: T16 (G5) 4x54W non dimmable
    - 2610mm
    - M2266.1: T16 (G5) 4x28-54W dimmable DALI
    - 2610mm
  - **Direct + Indirect* Light Emission**
    - M2267.0: T16 (G5) 2x54W non dimmable + T16 (G5) 1x39W
    - 1425mm
    - M2267.1: T16 (G5) 2x28-54W dimmable DALI + T16 (G5) 1x39W
    - 1425mm
    - M2268.0: T16 (G5) 4x54W non dimmable + T16 (G5) 2x39W
    - 2610mm
    - M2268.1: T16 (G5) 4x28-54W dimmable DALI + T16 (G5) 2x39W
    - 2610mm
  - *Indirect emission is not dimmable. Upper dust-protection polycarbonate screen is included.*

**NOTHING 86 SYSTEM STAND-ALONE SUSPENSION FLUO DARK LIGHT**

- **T16 (G5)**
  - **Code**
  - **Light Source**
  - **Length**
  - **Direct Light Emission**
    - M2269.0: T16 (G5) 1x54W non dimmable
    - 1174mm
    - M2269.1: T16 (G5) 1x28-54W dimmable DALI
    - 1174mm
    - M2270.0: T16 (G5) 2x54W non dimmable
    - 2348mm
    - M2270.1: T16 (G5) 2x28-54W dimmable DALI
    - 2348mm
  - **Direct + Indirect* Light Emission**
    - M2271.0: T16 (G5) 1x54W non dimmable + T16 (G5) 1x39W
    - 1174mm
    - M2271.1: T16 (G5) 1x28-54W dimmable DALI + T16 (G5) 1x39W
    - 1174mm
    - M2272.0: T16 (G5) 2x54W non dimmable + T16 (G5) 2x39W
    - 2348mm
    - M2272.1: T16 (G5) 2x28-54W dimmable DALI + T16 (G5) 2x39W
    - 2348mm
  - *Indirect emission is not dimmable. Upper dust-protection polycarbonate screen is included.*

**NOTHING 86 SYSTEM LIGHT SOURCES**

- Fluorescent tube T16 (G5) (1 piece).
  - M004380: 39W (3000K).
  - M004381: 39W (4000K).
NOTHING 86 SYSTEM STAND-ALONE SUSPENSION LED MONOCHROMATIC DIFFUSER

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
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</tr>
</thead>
<tbody>
<tr>
<td>M2273.0</td>
<td>LED 30W WARM WHITE dimmable DALI</td>
<td>1188mm</td>
</tr>
<tr>
<td>M2274.0</td>
<td>LED 30W NEUTRAL WHITE dimmable DALI</td>
<td>1188mm</td>
</tr>
<tr>
<td>M2275.0</td>
<td>LED 60W WARM WHITE dimmable DALI</td>
<td>2372mm</td>
</tr>
<tr>
<td>M2276.0</td>
<td>LED 60W NEUTRAL WHITE dimmable DALI</td>
<td>2372mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2277.0</td>
<td>LED 30W WARM WHITE dimmable DALI + T16 (G5) 1x39W</td>
<td>1188mm</td>
</tr>
<tr>
<td>M2278.0</td>
<td>LED 30W NEUTRAL WHITE dimmable DALI + T16 (G5) 1x39W</td>
<td>1188mm</td>
</tr>
<tr>
<td>M2279.0</td>
<td>LED 60W WARM WHITE dimmable DALI + T16 (G5) 2x39W</td>
<td>2372mm</td>
</tr>
<tr>
<td>M2280.0</td>
<td>LED 60W NEUTRAL WHITE dimmable DALI + T16 (G5) 2x39W</td>
<td>2372mm</td>
</tr>
</tbody>
</table>

Luminaire comes complete with DALI power supply unit.
*Indirect emission is not dimmable. Upper dust-protection polycarbonate screen is included.

NOTHING 86 SYSTEM STAND-ALONE SUSPENSION LED RGB DIFFUSER

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2281.0</td>
<td>LED RGB 18W with DALI control</td>
<td>1188mm</td>
</tr>
<tr>
<td>M2282.0</td>
<td>LED RGB 36W with DALI control</td>
<td>2372mm</td>
</tr>
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<table>
<thead>
<tr>
<th>CODE</th>
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<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2283.0</td>
<td>LED RGB 18W with DALI control + T16 (G5) 1x39W</td>
<td>1188mm</td>
</tr>
<tr>
<td>M2284.0</td>
<td>LED RGB 36W with DALI control + T16 (G5) 2x39W</td>
<td>2372mm</td>
</tr>
</tbody>
</table>

Luminaire comes complete with power supply and DALI control unit.
*Indirect emission is not dimmable. Upper dust-protection polycarbonate screen is included.
NOTHING 86 SYSTEM STAND-ALONE CEILING FLUO DIFFUSER

T16 (G5) 2x54W  non dimmable
T16 (G5) 2x28-54W  dimmable DALI
T16 (G5) 4x54W  non dimmable
T16 (G5) 4x28-54W  dimmable DALI

photometric data: see page 428.

NOTHING 86 SYSTEM STAND-ALONE CEILING FLUO DARK LIGHT

T16 (G5) 2x54W  non dimmable
T16 (G5) 2x28-54W  dimmable DALI
T16 (G5) 4x54W  non dimmable
T16 (G5) 4x28-54W  dimmable DALI

photometric data: see page 428.

NOTHING 86 SYSTEM LIGHT SOURCES

Fluorescent tube T16 (G5) (1 piece).
M004380 39W (3000K).
M004381 39W (4000K).
### LED MONOCHROMATIC DIFFUSER

<table>
<thead>
<tr>
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<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2289.0</td>
<td>LED 30W WARM WHITE dimmable DALI</td>
<td>1188mm</td>
</tr>
<tr>
<td>M2290.0</td>
<td>LED 30W NEUTRAL WHITE dimmable DALI</td>
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</tr>
<tr>
<td>M2291.0</td>
<td>LED 60W WARM WHITE dimmable DALI</td>
<td>2372mm</td>
</tr>
<tr>
<td>M2292.0</td>
<td>LED 60W NEUTRAL WHITE dimmable DALI</td>
<td>2372mm</td>
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</tbody>
</table>

Luminaire comes complete with DALI power supply unit.

### LED RGB DIFFUSER

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>M2293.0</td>
<td>LED RGB 18W with DALI control</td>
<td>1188mm</td>
</tr>
<tr>
<td>M2294.0</td>
<td>LED RGB 36W with DALI control</td>
<td>2372mm</td>
</tr>
</tbody>
</table>

Luminaire comes complete with power supply and DALI control unit.
# NOTHING 86 SYSTEM

## Structural Modules

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<thead>
<tr>
<th>Ceiling Recessed</th>
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<tbody>
<tr>
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<tr>
<td><img src="image2.png" alt="Image" /></td>
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<table>
<thead>
<tr>
<th>Ceiling Mounted/Suspended</th>
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</thead>
<tbody>
<tr>
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</tr>
<tr>
<td><img src="image4.png" alt="Image" /></td>
</tr>
</tbody>
</table>

## Prewired Gear-Plates

| ![Image](image5.png) |

## Optics Systems

| ![Image](image6.png) |
MAIN COMPONENTS

1L=236,8mm

STRUCTURAL MODULES

<table>
<thead>
<tr>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>1L</td>
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<tr>
<td>1DL</td>
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</tr>
<tr>
<td>4DL</td>
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PREWIRED GEAR-PLATES

<table>
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</thead>
<tbody>
<tr>
<td>1L</td>
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<tr>
<td>6L</td>
</tr>
<tr>
<td>1DL</td>
</tr>
<tr>
<td>2DL</td>
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</table>

OPTICS SYSTEMS

<table>
<thead>
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</tr>
</thead>
<tbody>
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<td>5L</td>
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<tr>
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</tr>
<tr>
<td>11L</td>
</tr>
<tr>
<td>20L</td>
</tr>
<tr>
<td>1DL</td>
</tr>
</tbody>
</table>

DARK LIGHT OPTICS 1DL
EXAMPLE 1: LINE WITH T16-DIFFUSER MODULES

\[
\begin{align*}
L_1 & \quad 4L & \quad L_1 \\
\text{or} & \quad (20L+1L) & \quad \text{or} \quad (10L+11L)
\end{align*}
\]

EXAMPLE 2: LINE WITH T16-SLS DIFFUSER MODULES

\[
\begin{align*}
L_1 & \quad 4L & \quad L_1 \\
\text{or} & \quad (1x20L) & \quad \text{or} \quad (2x10L) & \quad \text{or} \quad (4x5L)
\end{align*}
\]

EXAMPLE 3: MIXED LINE WITH T16-SLS DIFFUSER MODULES AND SPOTLING UNITS

\[
\begin{align*}
L_1 & \quad 5L & \quad L_1 & \quad 1L & \quad 1L & \quad 5L \\
\text{or} & \quad (10L+4L) & \quad \text{or} \quad (6L+2L+6L)
\end{align*}
\]
NOTHING 86 SYSTEM STRUCTURAL MODULES RECESSED

<table>
<thead>
<tr>
<th>CODE</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>M230000</td>
<td>236,8mm (=1L)</td>
</tr>
<tr>
<td>M230100</td>
<td>473,6mm (=2L)</td>
</tr>
<tr>
<td>M230200</td>
<td>710,4mm (=3L)</td>
</tr>
<tr>
<td>M230300</td>
<td>947,2mm (=4L)</td>
</tr>
<tr>
<td>M230400</td>
<td>1184,0mm (=5L)</td>
</tr>
<tr>
<td>M230500</td>
<td>1420,8mm (=6L)</td>
</tr>
<tr>
<td>M230600</td>
<td>2368,0mm (=10L)</td>
</tr>
<tr>
<td>M230700</td>
<td>2604,8mm (=11L)</td>
</tr>
<tr>
<td>M230800</td>
<td>4736,0mm (=20L)</td>
</tr>
<tr>
<td>M230900</td>
<td>1170,0mm (=1DL)</td>
</tr>
<tr>
<td>M231000</td>
<td>2340,0mm (=2DL)</td>
</tr>
<tr>
<td>M231100</td>
<td>4680,0mm (=4DL)</td>
</tr>
</tbody>
</table>

NOTHING 86 SYSTEM RECESSED COMPONENTS

M232400 End cap (set of 2).

M1946.0 Intermediate connector (to be used for combining spotlighting modules with fluorescent modules with dark light or diffusing emission).

○ white  2  ○ anodized  6
NOTHING 86 SYSTEM STRUCTURAL MODULES CEILING/SUSPENSION

<table>
<thead>
<tr>
<th>CODE</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>M2312.0</td>
<td>236,8mm (=1L)</td>
</tr>
<tr>
<td>M2313.0</td>
<td>473,6mm (=2L)</td>
</tr>
<tr>
<td>M2314.0</td>
<td>710,4mm (=3L)</td>
</tr>
<tr>
<td>M2315.0</td>
<td>947,2mm (=4L)</td>
</tr>
<tr>
<td>M2316.0</td>
<td>1184,0mm (=5L)</td>
</tr>
<tr>
<td>M2317.0</td>
<td>1420,8mm (=6L)</td>
</tr>
<tr>
<td>M2318.0</td>
<td>2368,0mm (=10L)</td>
</tr>
<tr>
<td>M2319.0</td>
<td>2604,8mm (=11L)</td>
</tr>
<tr>
<td>M2320.0</td>
<td>4736,0mm (=20L)</td>
</tr>
<tr>
<td>M2321.0</td>
<td>1170,0mm (=1DL)</td>
</tr>
<tr>
<td>M2322.0</td>
<td>2340,0mm (=2DL)</td>
</tr>
<tr>
<td>M2323.0</td>
<td>4680,0mm (=4DL)</td>
</tr>
</tbody>
</table>

NOTHING 86 SYSTEM CEILING/SUSPENSION COMPONENTS

**M1943.0** End cap (set of 2). Thickness 2mm.
- White 2, Anodized 6

**M194500** Linear connector.

**M232600** Ceiling fixing bracket (1 piece).

**M1946.0** Intermediate connector (to be used for combining spotlighting modules with fluorescent modules with dark light or diffusing emission).
- White 2, Anodized 6

**M194700** Steel suspension cable (1 piece). Length 2000mm.

**M194800** Suspension set with steel cable and power feed cable. Length 2000mm.
- 3 wires (3x1,5mm²).
- For feeding the LED modules.

**M194900** 7 wires (5x1,5mm² + 2x0,5mm²).
- For feeding the fluorescent and spotlighting modules.
### NOTHING 86 SYSTEM PREWIRED T16 DIFFUSER GEAR-PLATE DIRECT

<table>
<thead>
<tr>
<th>T16 (G5)</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M233000</td>
<td>T16 (G5) 2x54W non dimmable</td>
<td>1421mm</td>
</tr>
<tr>
<td></td>
<td>M233001</td>
<td>T16 (G5) 2x28-54W dimmable DALI</td>
<td>1421mm</td>
</tr>
</tbody>
</table>

Includes 7-poles through-wiring with quick-connector.

### NOTHING 86 SYSTEM PREWIRED T16 GEAR-PLATE INDIRECT

<table>
<thead>
<tr>
<th>T16 (G5)</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M233100</td>
<td>T16 (G5) 1x39W non dimmable</td>
<td>875mm</td>
</tr>
<tr>
<td></td>
<td>M233200</td>
<td>T16 (G5) 2x39W non dimmable</td>
<td>1750mm</td>
</tr>
</tbody>
</table>

Includes 7-poles through-wiring with quick-connector and dust-protection polycarbonate cover.

### NOTHING 86 SYSTEM PREWIRED T16-SLS DIFFUSER GEAR-PLATE DIRECT

<table>
<thead>
<tr>
<th>T16-SLS (G5)</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M233300</td>
<td>T16-SLS (G5) 2x54W non dimmable</td>
<td>1184mm</td>
</tr>
<tr>
<td></td>
<td>M233301</td>
<td>T16-SLS (G5) 2x28-54W dimmable DALI</td>
<td>1184mm</td>
</tr>
</tbody>
</table>

Includes 7-poles through-wiring with quick-connector.

### NOTHING 86 SYSTEM PREWIRED T16 DARK LIGHT GEAR-PLATE DIRECT

<table>
<thead>
<tr>
<th>T16 (G5)</th>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>M233400</td>
<td>T16 (G5) 1x54W non dimmable</td>
<td>1168mm</td>
</tr>
<tr>
<td></td>
<td>M233401</td>
<td>T16 (G5) 1x28-54W dimmable DALI</td>
<td>1168mm</td>
</tr>
<tr>
<td></td>
<td>M233500</td>
<td>T16 (G5) 2x54W non dimmable</td>
<td>2337mm</td>
</tr>
<tr>
<td></td>
<td>M233501</td>
<td>T16 (G5) 2x28-54W dimmable DALI</td>
<td>2337mm</td>
</tr>
</tbody>
</table>

Includes 7-poles through-wiring with quick-connector.
86 SYSTEM PREWIRED LED MONOCHROMATIC DIFFUSER GEAR-PLATE DIRECT

**LED MONOCHROMATIC**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>M233700</td>
<td>LED 30W WARM WHITE</td>
<td>1184mm</td>
</tr>
<tr>
<td>M233800</td>
<td>LED 30W NEUTRAL WHITE</td>
<td>1184mm</td>
</tr>
</tbody>
</table>

Includes 3-poles through-wiring with quick-connector. LED power supply to be ordered separately.

---

86 SYSTEM PREWIRED LED RGB DIFFUSER GEAR-PLATE DIRECT

**LED RGB**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>M233600</td>
<td>LED RGB 18W</td>
<td>1184mm</td>
</tr>
</tbody>
</table>

Includes 3-poles through-wiring with quick-connector. LED power supply and DALI or DMX control unit to be ordered separately.

---

86 SYSTEM ELECTRICAL COMPONENTS

**Supplementary through-wiring.**

To be used when fluorescent and spotlighting gear-plates are mixed with LED gear plates.

- M198800: 3 poles. Length 1184mm.
- M199000: 3 poles. Length 2368mm.
- M198700: 7 poles. Length 1184mm.
- M198900: 7 poles. Length 2368mm.

**Feeding kit.**

Allows to connect the mains to the first pre-wired gear plate of the initial module. To be used only with ceiling-recessed and ceiling-mounted installations.

- M073230: 3 poles (for feeding LED gear plates).
- M073240: 7 poles (for feeding fluorescent gear plates).

---

86 SYSTEM LIGHT SOURCES

**Fluorescent tube T16-SLS (G5) (1 piece).**

- M004810: 28W (3000K).
- M004815: 28W (4000K).
- M004800: 54W (3000K).
- M004805: 54W (4000K).

**Fluorescent tube T16 (G5) (1 piece).**

- M004380: 39W (3000K).
- M004381: 39W (4000K).

---

86 SYSTEM LED POWER SUPPLIES AND LIGHT MANAGEMENT SYSTEMS

**Electronic power supply.** IP67.

- Input voltage range: 90-264VAC / 47-63Hz.
- Output voltage: 48Vdc.
- Protection against overcurrent, overvoltage, short-circuit and overtemperature, with automatic restart.

- M075000: 100W. For feeding up to a total 90W. 220x68x38mm.
- M075100: 240W. For feeding up to a total 225W. 244x68x39mm.

**Control interface.**

Integrated sequencer for "stand-alone" operation with pre-defined colour sequence. Possibility of master-slave configuration (see page 235). Power-supply unit and lighting management systems to be ordered separately (see instructions for use).

- M075200: IP67. Compatible DALI. 252x162x90mm.
- M075300: IP67. Compatible DALI + DMX. 252x162x90mm.
- M075400: IP20. Compatible DALI. Suitable for DIN rail mounting. 106x90x70mm.
- M075500: IP20. Compatible DALI + DMX. Suitable for DIN rail mounting. 106x90x70mm.
### NOTHING 86 SYSTEM SPOTLIGHTING UNITS

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>CLASS</th>
</tr>
</thead>
<tbody>
<tr>
<td>M233900</td>
<td>QR-CBC51 (GU5,3) 12V 1xmax50W</td>
<td>☐</td>
</tr>
<tr>
<td>M234000</td>
<td>HIPAR51 (GX10) 1x20W</td>
<td>☐</td>
</tr>
<tr>
<td>M234100</td>
<td>HIPAR51 (GX10) 1x35W</td>
<td>☐</td>
</tr>
<tr>
<td>M234200*</td>
<td>HIT-TC-CE (GU6,5) 1x20W</td>
<td>☐</td>
</tr>
<tr>
<td>M234300*</td>
<td>HIT-TC-CE (GU6,5) 1x35W</td>
<td>☐</td>
</tr>
<tr>
<td>M234400</td>
<td>LED (GU10) 1x7W</td>
<td>☐</td>
</tr>
</tbody>
</table>

Electronic power supply included.

* Item number must be completed with the code of the desired reflector. See below.

### NOTHING 86 SYSTEM REFLECTORS

- Aluminium reflector.
- **SP**: Spot (2x5° < angle ≤ 2x10°).
- **MFL**: Medium-flood (2x10° < angle ≤ 2x15°).
- **FL**: Flood (2x15° < angle ≤ 2x20°).

<table>
<thead>
<tr>
<th>CODE</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>M234500</td>
<td>1184,0mm (=5L)</td>
</tr>
<tr>
<td>M234600</td>
<td>1420,8mm (=6L)</td>
</tr>
<tr>
<td>M234700</td>
<td>2368,0mm (=10L)</td>
</tr>
<tr>
<td>M234800</td>
<td>2604,8mm (=11L)</td>
</tr>
<tr>
<td>M234900</td>
<td>4736,0mm (=20L)</td>
</tr>
</tbody>
</table>

blind panel. Length 236,8mm (=1L).

### NOTHING 86 SYSTEM DIFFUSERS FOR FLUORESCENT DIFFUSED LIGHTING

<table>
<thead>
<tr>
<th>CODE</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>M234500</td>
<td>1184,0mm (=5L)</td>
</tr>
<tr>
<td>M234600</td>
<td>1420,8mm (=6L)</td>
</tr>
<tr>
<td>M234700</td>
<td>2368,0mm (=10L)</td>
</tr>
<tr>
<td>M234800</td>
<td>2604,8mm (=11L)</td>
</tr>
<tr>
<td>M234900</td>
<td>4736,0mm (=20L)</td>
</tr>
</tbody>
</table>
**NOTHING 86 SYSTEM DARK LIGHT OPTICS**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>M235000</td>
<td>1170mm (=1DL)</td>
</tr>
</tbody>
</table>

**NOTHING 86 SYSTEM DIFFUSERS FOR LED DIFFUSED LIGHTING**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>M235100</td>
<td>1184,0mm (=5L)</td>
</tr>
<tr>
<td>M235200</td>
<td>1420,8mm (=6L)</td>
</tr>
<tr>
<td>M235300</td>
<td>2368,0mm (=10L)</td>
</tr>
<tr>
<td>M235400</td>
<td>2604,8mm (=11L)</td>
</tr>
<tr>
<td>M235500</td>
<td>4736,0mm (=20L)</td>
</tr>
</tbody>
</table>
SURF
design NEIL POULTON
SURF SYSTEM SUSPENSION

HQ’S FRASER MILNER, MONTREAL (CA), AEDIFICA ARCHITECTURE + DESIGN.
HQ’S OMER DE SERRES, MONTREAL (CA), AEDIFICA ARCHITECTURE + DESIGN.
IWATE PREFECTURAL LIBRARY IWATE (I), NIHON SEKKEI INC.,
K. SONE ENVIRONMENTAL DESIGN ASS. AND KUJI ARCH. STUDIO.

AUTOGRAIL, ASSAGOMILANOFIORI (I), PAOLO MONTERO.
MODULAR SYSTEM FOR INDIRECT LIGHTING USING 2x14W TO 2x80W T16 FLUORESCENT LAMPS.
EXTRUDED ALUMINIUM BODY WITH A WHITE OR GREY PAINT FINISH.
CAN BE INSTALLED AS A PENDANT LIGHT (SURF SYSTEM SUSPENSION) OR WALL LIGHT (SURF SYSTEM WALL).
CONTINUOUS LINEAR MOUNTING OR WITH 90° CONNECTORS, 3 AND 4 WAYS CONNECTORS.
LIGHT OUTPUT RATIO: 72%.
ELECTRONIC BALLAST, OR DALI-SWITCHDIM DIMMABLE ELECTRONIC BALLAST, OR INTERACTIVE-DALI SYSTEM COMBINING A MOVEMENT DETECTOR AND A DAYLIGHT SENSOR FOR AUTO-REGULATION IN RELATION TO PEOPLE PRESENCE AND VARIATIONS IN DAYLIGHT. EMERGENCY LIGHTING AS AN OPTIONAL EXTRA.
DUST PROTECTION COVER MADE OF EXTRUDED POLYCARBONATE.
QUICK ADJUSTMENT STEEL SUSPENSION CABLES.
COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
SURF SYSTEM SUSPENSION

SURF SYSTEM WALL

NHN CORPORATION HQ’S, BUNDANG-GU (KOR), NBBJ, SAMOO, NHN SPX TEAM.
SURF SYSTEM COMPONENTS

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LIGHT SOURCE LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0915.0</td>
<td>T16 (G5) 2x14W non dimmable</td>
<td>593mm</td>
<td>2.50kg</td>
</tr>
<tr>
<td>M0900.0</td>
<td>T16 (G5) 2x28W non dimmable</td>
<td>1193mm</td>
<td>3.60kg</td>
</tr>
<tr>
<td>M0901.0</td>
<td>T16 (G5) 2x35W non dimmable</td>
<td>1493mm</td>
<td>4.50kg</td>
</tr>
<tr>
<td>M0945.0</td>
<td>T16 (G5) 2x54W non dimmable</td>
<td>1193mm</td>
<td>3.60kg</td>
</tr>
<tr>
<td>M0946.0</td>
<td>T16 (G5) 2x80W non dimmable</td>
<td>1493mm</td>
<td>4.50kg</td>
</tr>
<tr>
<td>M0976.0</td>
<td>T16 (G5) 2x24W non dimmable + emergency 1h</td>
<td>1193mm</td>
<td>3.60kg</td>
</tr>
<tr>
<td>M0912.0</td>
<td>T16 (G5) 2x28W non dimmable + emergency 1h</td>
<td>1773mm</td>
<td>5.60kg</td>
</tr>
<tr>
<td>M0913.0</td>
<td>T16 (G5) 2x35W non dimmable + emergency 1h</td>
<td>2073mm</td>
<td>6.50kg</td>
</tr>
<tr>
<td>M0947.0</td>
<td>T16 (G5) 2x28W dimmable DALI</td>
<td>1193mm</td>
<td>3.60kg</td>
</tr>
<tr>
<td>M0948.0</td>
<td>T16 (G5) 2x35W dimmable DALI</td>
<td>1493mm</td>
<td>4.50kg</td>
</tr>
<tr>
<td>M0949.5</td>
<td>T16 (G5) 2x54W dimmable DALI</td>
<td>1193mm</td>
<td>3.60kg</td>
</tr>
<tr>
<td>M0911.5</td>
<td>T16 (G5) 2x80W dimmable DALI</td>
<td>1493mm</td>
<td>4.50kg</td>
</tr>
<tr>
<td>M0949.6</td>
<td>T16 (G5) 2x54W INTERACTIVE-DALI</td>
<td>1193mm</td>
<td>3.60kg</td>
</tr>
</tbody>
</table>

photometric data: see page 435.
A RANGE OF WALL LAMPS WITH INDIRECT LIGHTING, USING 300W HALOGEN, 150W METAL-HALIDE AND 1x18W, 2x36W AND 2x55W TC-LEL FLUORESCENT LAMPS.

- ALUMINIUM BODY WITH WHITE OR GREY PAINT FINISH.
- 3 SIZE OPTIONS: 174x300MM, 290x460MM AND 290x600MM.
- ELECTRONIC BALLAST.
- PROTECTIVE GLASS (FOR HALOGEN AND METAL-HALIDE VERSIONS) OR POLYCARBONATE DUST-PROTECTION SCREEN (FOR 2X36-55W TC-LEL VERSIONS).
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
**SURF WALL 300**

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0609..</td>
<td>QT-DE12 (R7S) 1xmax300W</td>
<td>1,00kg</td>
</tr>
<tr>
<td>M0663..</td>
<td>TC-LEL (2G11) 1x18W</td>
<td>1,00kg</td>
</tr>
</tbody>
</table>

**SURF WALL 460**

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0615.0</td>
<td>TC-LEL (2G11) 2x36W</td>
<td>1,40kg</td>
</tr>
<tr>
<td>M0662.0</td>
<td>HIT-DE-CE-h45 (RX7s) 1x150W</td>
<td>3,80kg</td>
</tr>
</tbody>
</table>

**SURF WALL 600**

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0607.0</td>
<td>TC-LEL (2G11) 2x55W</td>
<td>1,80kg</td>
</tr>
</tbody>
</table>

Photometric data: see page 438.
A RANGE OF WALL LAMPS WITH INDIRECT LIGHTING, USING 150W HALOGEN AND 24W T16 FLUORESCENT LAMPS.

- ALUMINIUM BODY WITH WHITE OR GREY PAINT FINISH.
- 2 SIZE OPTIONS: 150x340MM AND 170x766MM.
- INTEGRAL ELECTRONIC BALLAST.
- FLUORESCENT VERSION COMES WITH PUNCHINGS AND COLOURED FILTERS (BLUE, ORANGE AND OPAQUE WHITE) FOR A DECORATIVE DIRECT LIGHTING EFFECT.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

MINISURF WALL

design NEIL POULTON
MINISURF WALL HALOGEN

<table>
<thead>
<tr>
<th>LIGHT SOURCE</th>
<th>CODE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>QT-DE12 (R7s)</td>
<td>M1443.0</td>
<td>0,80kg</td>
</tr>
</tbody>
</table>

MINISURF WALL FLUORESCENT

<table>
<thead>
<tr>
<th>LIGHT SOURCE</th>
<th>CODE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>T16 (G5)</td>
<td>M1442.0</td>
<td>2,00kg</td>
</tr>
</tbody>
</table>

photometric data: see page 438.
KALIFA - KALIFA II

design ERNESTO GISMONDI
KALIFA II SUSPENSION DUAL EMISSION

- Single pendant light with direct-indirect lighting using 2x24W and 2x54W T16 fluorescent light source.
- Extruded aluminium body with a white or grey paint finish, available in lengths of 1640mm and 2900mm.
- Super pure aluminium dark light optics.
- Light output ratio: 92%. Light distribution: 30% indirect and 70% direct.
- Dark light emission is in compliance with EN12464-1 standard, with average luminance levels lower than the 1000cd/m² limit for an observation angle of 65° or above with respect to the vertical axis.
- Electronic control gear, or DALI-switchdim dimmable electronic control gear.
- Quick adjustment steel suspension cables.
- Complies with standard EN60598-1 and other specific standards.
### KALIFA II SUSPENSION 1640 DUAL EMISSION

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1671.0</td>
<td>T16 (G5) 2x24W non dimmable</td>
<td>4.80kg</td>
</tr>
<tr>
<td>M1671.1</td>
<td>T16 (G5) 2x14-24W dimmable DALI</td>
<td>4.80kg</td>
</tr>
</tbody>
</table>

### KALIFA II SUSPENSION 2900 DUAL EMISSION

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1672.0</td>
<td>T16 (G5) 2x54W non dimmable</td>
<td>8.40kg</td>
</tr>
<tr>
<td>M1672.1</td>
<td>T16 (G5) 2x28-54W dimmable DALI</td>
<td>8.40kg</td>
</tr>
</tbody>
</table>
KALIFA II SUSPENSION DIRECT EMISSION

- SINGLE PENDANT LIGHT WITH DIRECT LIGHTING USING 28W AND 54W T16 FLUORESCENT LIGHT SOURCE.
- EXTRUDED ALUMINIUM BODY WITH A WHITE OR GREY PAINT FINISH, AVAILABLE IN LENGTHS OF 1188MM (1xT16) AND 2400MM (2xT16).
- SUPER PURE ALUMINIUM DARK LIGHT OPTICS.
- LIGHT OUTPUT RATIO: 82%.
- DARK LIGHT EMISSION IS IN COMPLIANCE WITH EN12464-1 STANDARD, WITH AVERAGE LUMINANCE LEVELS LOWER THAN THE 1000CD/M² LIMIT FOR AN OBSERVATION ANGLE OF 65° OR ABOVE WITH RESPECT TO THE VERTICAL AXIS.
- ELECTRONIC CONTROL GEAR, OR DALI-SWITCHDIM DIMMABLE ELECTRONIC CONTROL GEAR. EMERGENCY LIGHTING ON REQUEST.
- QUICK ADJUSTMENT STEEL SUSPENSION CABLES.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
KALIFA II SUSPENSION 1200 DIRECT EMISSION

<table>
<thead>
<tr>
<th>Code</th>
<th>Code Description</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1667.0</td>
<td>T16 (G5) 1x28W non dimmable</td>
<td>5,10kg</td>
<td></td>
</tr>
<tr>
<td>M1669.0</td>
<td>T16 (G5) 1x54W non dimmable</td>
<td>5,10kg</td>
<td></td>
</tr>
<tr>
<td>M1667.1</td>
<td>T16 (G5) 1x28W dimmable DALI</td>
<td>5,10kg</td>
<td></td>
</tr>
<tr>
<td>M1669.1</td>
<td>T16 (G5) 1x54W dimmable DALI</td>
<td>5,10kg</td>
<td></td>
</tr>
</tbody>
</table>

Photometric data: see page 433.

KALIFA II SUSPENSION 2400 DIRECT EMISSION

<table>
<thead>
<tr>
<th>Code</th>
<th>Code Description</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1668.0</td>
<td>T16 (G5) 2x28W non dimmable</td>
<td>8,90kg</td>
<td></td>
</tr>
<tr>
<td>M1670.0</td>
<td>T16 (G5) 2x54W non dimmable</td>
<td>8,90kg</td>
<td></td>
</tr>
<tr>
<td>M1670.1</td>
<td>T16 (G5) 2x28-54W dimmable DALI</td>
<td>8,90kg</td>
<td></td>
</tr>
</tbody>
</table>

Photometric data: see page 433.
KALIFA II CEILING

- Single ceiling light using 28W and 54W T16 fluorescent light source.
- Extruded aluminium body with a white or grey paint finish, available in lengths of 1188mm (1xT16) and 2400mm (2xT16).
- Super pure aluminium dark light optics.
- Light output ratio: 82%.
- Dark light emission is in compliance with EN12464-1 standard, with average luminance levels lower than the 1000cd/m² limit for an observation angle of 65° or above with respect to the vertical axis.
- Electronic control gear, or DALI-SWITCHDIM dimmable electronic control gear. Emergency lighting on request.
- Complies with standard EN60598-1 and other specific standards.
**KALIFA II CEILING 1200**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1813.0</td>
<td>T16 (G5) 1x28W non dimmable</td>
<td>5,10kg</td>
</tr>
<tr>
<td>M1815.0</td>
<td>T16 (G5) 1x54W non dimmable</td>
<td>5,10kg</td>
</tr>
<tr>
<td>M1813.1</td>
<td>T16 (G5) 1x28W dimmable DALI</td>
<td>5,10kg</td>
</tr>
<tr>
<td>M1815.1</td>
<td>T16 (G5) 1x54W dimmable DALI</td>
<td>5,10kg</td>
</tr>
</tbody>
</table>

**KALIFA II CEILING 2400**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1814.0</td>
<td>T16 (G5) 2x28W non dimmable</td>
<td>8,90kg</td>
</tr>
<tr>
<td>M1816.0</td>
<td>T16 (G5) 2x54W non dimmable</td>
<td>8,90kg</td>
</tr>
<tr>
<td>M1816.1</td>
<td>T16 (G5) 2x28-54W dimmable DALI</td>
<td>8,90kg</td>
</tr>
</tbody>
</table>

photometric data: see page 428.
KALIFA SYSTEM

- DIRECT-INDIRECT MODULAR PENDANT SYSTEM USING 2x28W TO 2x54W T16 FLUORESCENT LAMPS.
- EXTRUDED ALUMINIUM BODY WITH A WHITE OR GREY PAINT FINISH, AND 4MM THICK SCREEN-PRINTED TEMPERED GLASS.
- DARKLIGHT EMISSION IS IN COMPLIANCE WITH EN12464-1 STANDARD, WITH AVERAGE LUMINANCE LEVELS LOWER THAN THE 1000CD/M² LIMIT FOR AN OBSERVATION ANGLE OF 65° OR ABOVE WITH RESPECT TO THE VERTICAL AXIS.
- LIGHT OUTPUT RATIO: 56%.
- LIGHT DISTRIBUTION: 61% INDIRECT AND 39% DIRECT.
- ELECTRONIC BALLAST, OR DALI-SWITCHDIM DIMMABLE ELECTRONIC BALLAST, AND EMERGENCY LIGHTING.
- FOR CONTINUOUS LINEAR MOUNTING AND WITH 90° CONNECTORS.
- POLYCARBONATE DUST-PROTECTION SCREEN.
- QUICK ADJUSTMENT STEEL SUSPENSION CABLES.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
KALIFA SYSTEM

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M164.0</td>
<td>T16 (G5) 2x28W non dimmable</td>
<td>1230mm</td>
<td>6,60kg</td>
</tr>
<tr>
<td>M165.0</td>
<td>T16 (G5) 2x54W non dimmable</td>
<td>1230mm</td>
<td>6,60kg</td>
</tr>
<tr>
<td>M165.7</td>
<td>T16 (G5) 2x54W non dimmable + emergency 1h</td>
<td>1230mm</td>
<td>7,50kg</td>
</tr>
<tr>
<td>M165.1</td>
<td>T16 (G5) 2x54W dimmable DALI</td>
<td>1230mm</td>
<td>6,60kg</td>
</tr>
</tbody>
</table>

KALIFA SYSTEM COMPONENTS

- End cap (1 piece). 200x50x3mm.
  - white 2 grey 9

- 90° connector (unwired). 224x224x50mm. 1,30kg.
  - white 2 grey 9

- Suspension cable. Ceiling plate Ø100mm. 1400mm.
  - white 2 grey 9

- Steel suspension wire with power feed cable. Ceiling plate Ø100mm. 1400mm.
  - 3 wires (3x1,5mm²).
  - 5 wires (3x1,5mm² + 2x0,5mm²).

INTERACTIVE-DALI components: see page 409.

photometric data: see page 433.
A RANGE OF WALL LAMPS WITH DIRECT-INDIRECT LIGHTING USING 1x24W AND 1x80W T16, AND 2x55W TC-LEL FLUORESCENT LAMPS.

EXTRUDED ALUMINIUM BODY WITH WHITE OR GREY PAINT FINISH, AND 4MM THICK SCREEN-PRINTED TEMPERED GLASS.

3 SIZE OPTIONS: 100x587MM, 100x1487MM AND 211x587MM.

LIGHT DISTRIBUTION: 82% INDIRECT AND 18% DIRECT (TC-LEL VERSION), 86% INDIRECT AND 14% DIRECT (T16).

ELECTRONIC CONTROL GEAR.

OPTIONAL EMERGENCY LIGHTING.

POLYCARBONATE DUST-PROTECTION SCREEN.

COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
### KALIFA WALL TC-LEL

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source Code</th>
<th>Weight</th>
<th>Code</th>
<th>Light Source Code</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0243.0</td>
<td>TC-LEL (2G11) 2x55W non dimmable</td>
<td>3,20kg</td>
<td>M0243.7</td>
<td>TC-LEL (2G11) 2x55W non dimmable + emergency 1h</td>
<td>3,80kg</td>
</tr>
</tbody>
</table>

### KALIFA WALL T16

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source Code</th>
<th>Length</th>
<th>Weight</th>
<th>Code</th>
<th>Light Source Code</th>
<th>Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0241.0</td>
<td>T16 (G5) 1x24W non dimmable</td>
<td>587mm</td>
<td>1,90kg</td>
<td>M0242.0</td>
<td>T16 (G5) 1x80W non dimmable</td>
<td>1487mm</td>
<td>3,70kg</td>
</tr>
</tbody>
</table>

Photometric data: see page 437.
A RANGE OF FLOOR LAMPS WITH DIRECT-INDIRECT LIGHTING USING 55W AND 80W TC-LEL FLUORESCENT LAMPS.

- OPTICAL UNIT AND POLE IN EXTRUDED ALUMINIUM WITH A WHITE OR GREY PAINT FINISH.
- STEEL BASE.
- 3 VERSIONS: COMFORT, DARK LIGHT AND PRISMOPTIC.
  - 4MM THICK SCREEN-PRINTED TEMPERED GLASS COMFORT DIFFUSER: LIGHT DISTRIBUTION: 87% INDIRECT AND 13% DIRECT.
  - ALUMINIUM DARK LIGHT OPTIC: LIGHT OUTPUT RATIO 62%, LIGHT DISTRIBUTION: 73% INDIRECT AND 27% DIRECT.
  - POLYCARBONATE PRISMOPTIC DIFFUSER: LIGHT OUTPUT RATIO OF UP TO 71%, LIGHT DISTRIBUTION: 76% INDIRECT AND 24% DIRECT (KALIFA FLOOR PRISMOPTIC III).
- 4 LEVELS OF ELECTRONIC LIGHT MANAGEMENT:
  - ELECTRONIC BALLAST WITH TWIN SWITCH (50%/100%),
  - DIMMING CONTROL WITH MANUAL LIGHT INTENSITY ADJUSTMENT, SIMPLE MOTION SENSOR WITH AUTOMATIC ON/OFF SWITCHING BASED ON PRESENCE AND LIGHT LEVEL, AND INTERACTIVE-DALI SYSTEM COMBINING A MOVEMENT DETECTOR AND A DAYLIGHT SENSOR FOR AUTO-REGULATION IN RELATION TO PEOPLE PRESENCE AND VARIATIONS IN DAYLIGHT.
  - POLYCARBONATE DUST-PROTECTION SCREEN AS AN OPTIONAL EXTRA.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
## KALIFA FLOOR COMFORT

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>POLE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1680.0</td>
<td>TC-LEL (2G11) 4x55W non dimmable</td>
<td>central</td>
<td>15,00kg</td>
</tr>
<tr>
<td>M1680.1</td>
<td>TC-LEL (2G11) 4x55W dimmable</td>
<td>central</td>
<td>15,00kg</td>
</tr>
<tr>
<td>M1680.6</td>
<td>TC-LEL (2G11) 4x55W INTERACTIVE-DALI</td>
<td>central</td>
<td>15,00kg</td>
</tr>
<tr>
<td>M1680.9</td>
<td>TC-LEL (2G11) 4x55W movement detector</td>
<td>central</td>
<td>15,00kg</td>
</tr>
<tr>
<td>M1678.0</td>
<td>TC-LEL (2G11) 4x55W non dimmable</td>
<td>side</td>
<td>15,00kg</td>
</tr>
<tr>
<td>M1678.1</td>
<td>TC-LEL (2G11) 4x55W dimmable</td>
<td>side</td>
<td>15,00kg</td>
</tr>
<tr>
<td>M1678.6</td>
<td>TC-LEL (2G11) 4x55W INTERACTIVE-DALI</td>
<td>side</td>
<td>15,00kg</td>
</tr>
<tr>
<td>M1678.9</td>
<td>TC-LEL (2G11) 4x55W movement detector</td>
<td>side</td>
<td>15,00kg</td>
</tr>
</tbody>
</table>

Photometric data: see page 430.
### KALIFA FLOOR DARK LIGHT

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>POLE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1685.0</td>
<td>TC-LEL (2G11) 4x55W non dimmable</td>
<td>central</td>
<td>15.00kg</td>
</tr>
<tr>
<td>M1685.1</td>
<td>TC-LEL (2G11) 4x55W dimmable</td>
<td>central</td>
<td>15.00kg</td>
</tr>
<tr>
<td>M1685.6</td>
<td>TC-LEL (2G11) 4x55W INTERACTIVE-DALI movement detector</td>
<td>central</td>
<td>15.00kg</td>
</tr>
<tr>
<td>M1686.0</td>
<td>TC-LEL (2G11) 4x55W non dimmable</td>
<td>side</td>
<td>15.00kg</td>
</tr>
<tr>
<td>M1686.1</td>
<td>TC-LEL (2G11) 4x55W dimmable</td>
<td>side</td>
<td>15.00kg</td>
</tr>
<tr>
<td>M1686.6</td>
<td>TC-LEL (2G11) 4x55W INTERACTIVE-DALI movement detector</td>
<td>side</td>
<td>15.00kg</td>
</tr>
<tr>
<td>M1686.9</td>
<td>TC-LEL (2G11) 4x55W movement detector</td>
<td>side</td>
<td>15.00kg</td>
</tr>
</tbody>
</table>

**Light Source**
- TC-LEL (2G11) 4x55W
  - non dimmable
  - dimmable
  - INTERACTIVE-DALI
  - movement detector

**Weight**
- 15.00kg

**Photometric data:** see page 430.

### KALIFA FLOOR ISOLUX

Calculation parameters for issuing isolux diagrams:
- Office with one work station. Length x width x height 5.00x5.00x2.70m.
- Reflectance factors ceiling/walls/floor: 70/50/20%.
- Working plane 1.60x0.80x0.75m.
- Maintenance factor 0.90WF.

---

### KALIFA FLOOR ACCESSORIES

- **M168200** Polycarbonate dust-protection screen. Suitable only for KALIFA FLOOR COMFORT or DARK LIGHT.
- **M104900** INTERACTIVE-DALI remote control.
KALIFA FLOOR PRISMOPTIC I

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1684.0</td>
<td>TC-LEL (2G11) 4x55W non dimmable</td>
<td>14,00kg</td>
</tr>
<tr>
<td>M1684.1</td>
<td>TC-LEL (2G11) 4x55W dimmable</td>
<td>14,00kg</td>
</tr>
<tr>
<td>M1684.6</td>
<td>TC-LEL (2G11) 4x55W INTERACTIVE-DALI</td>
<td>14,00kg</td>
</tr>
<tr>
<td>M1684.9</td>
<td>TC-LEL (2G11) 4x55W movement detector</td>
<td>14,00kg</td>
</tr>
</tbody>
</table>

photometric data: see page 430.
### KALIFA FLOOR PRISMOPTIC II

**INTERACTIVE-DALI remote control.**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>POLE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1687.0</td>
<td>TC-LEL (2G11) 4x55W non dimmable</td>
<td>central</td>
<td>14,00kg</td>
</tr>
<tr>
<td>M1687.1</td>
<td>TC-LEL (2G11) 4x55W dimmable</td>
<td>central</td>
<td>14,00kg</td>
</tr>
<tr>
<td>M1687.6</td>
<td>TC-LEL (2G11) 4x55W INTERACTIVE-DALI</td>
<td>central</td>
<td>14,00kg</td>
</tr>
<tr>
<td>M1687.9</td>
<td>TC-LEL (2G11) 4x55W movement detector</td>
<td>central</td>
<td>14,00kg</td>
</tr>
<tr>
<td>M1688.0</td>
<td>TC-LEL (2G11) 4x55W non dimmable</td>
<td>side</td>
<td>14,00kg</td>
</tr>
<tr>
<td>M1688.1</td>
<td>TC-LEL (2G11) 4x55W dimmable</td>
<td>side</td>
<td>14,00kg</td>
</tr>
<tr>
<td>M1688.6</td>
<td>TC-LEL (2G11) 4x55W INTERACTIVE-DALI</td>
<td>side</td>
<td>14,00kg</td>
</tr>
<tr>
<td>M1688.9</td>
<td>TC-LEL (2G11) 4x55W movement detector</td>
<td>side</td>
<td>14,00kg</td>
</tr>
</tbody>
</table>

### KALIFA FLOOR PRISMOPTIC III

**photometric data: see page 431.**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1689.0</td>
<td>TC-LEL (2G11) 2x80W non dimmable</td>
<td>13,50kg</td>
</tr>
<tr>
<td>M1689.1</td>
<td>TC-LEL (2G11) 2x80W dimmable</td>
<td>13,50kg</td>
</tr>
<tr>
<td>M1689.6</td>
<td>TC-LEL (2G11) 2x80W INTERACTIVE-DALI</td>
<td>13,50kg</td>
</tr>
</tbody>
</table>

### KALIFA FLOOR PRISMOPTIC ISOLUX

**Calculation parameters for issuing isolux diagrams: Office with one work station. Length x width x height 5,00x5,00x2,70m. Reflectance factors ceiling/walls/floor: 70/50/20%. Working plane 1,60x0,80x0,75m. Maintenance factor 0,90WF.**

**photometric data: see page 431.**

### KALIFA FLOOR ACCESSORIES

**M104900 INTERACTIVE-DALI remote control.**
A RANGE OF RECESSED LUMINAIRES USING FLUORESCENT LAMPS, AVAILABLE IN 2 VERSIONS: **SOFT LIGHT** (2x55W TC-TEL), AND COMBINED EMISSION **DARK LIGHT + DIFFUSER** (4x24W T16).

- SUITABLE FOR INSTALLATION INTO FALSE CEILING SYSTEMS WITH 600x600MM AND 625x625MM MODULES, OR INTO PLASTERBOARD FALSE CEILINGS USING A SPECIAL RECESSING FRAME (OPTIONAL).
- ELECTRONIC OR DALI-SWITCHDIM DIMMABLE ELECTRONIC BALLAST, OR EMERGENCY LIGHTING.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

**SOFT LIGHT**
STEEL MAIN REFLECTOR, WITH WHITE PAINT FINISH.
4MM THICK SCREEN-PRINTED TEMPERED GLASS.

**DARK LIGHT + DIFFUSER**
BODY IN GALVANIZED STEEL. 4MM THICK SCREEN-PRINTED TEMPERED DIFFUSING GLASS. DARK LIGHT OPTICS.
KALIFA RECESSED SOFT LIGHT

<table>
<thead>
<tr>
<th>LIGHT SOURCECODE</th>
<th>LIGHT SOURCE</th>
<th>FALSE CEILING</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M160400</td>
<td>TC-LEL (2G11) 2x55W non dimmable</td>
<td>600x600mm</td>
<td>9,90kg</td>
</tr>
<tr>
<td>M160401</td>
<td>TC-LEL (2G11) 2x55W dimmable DALI</td>
<td>600x600mm</td>
<td>9,90kg</td>
</tr>
<tr>
<td>M160407</td>
<td>TC-LEL (2G11) 2x55W non dimmable + emergency 1h</td>
<td>600x600mm</td>
<td>10,50kg</td>
</tr>
<tr>
<td>M160402</td>
<td>TC-LEL (2G11) 2x55W non dimmable</td>
<td>625x625mm</td>
<td>10,30kg</td>
</tr>
<tr>
<td>M160421</td>
<td>TC-LEL (2G11) 2x55W dimmable DALI</td>
<td>625x625mm</td>
<td>10,30kg</td>
</tr>
</tbody>
</table>

photometric data: see page 425.

KALIFA RECESSED DARK LIGHT + DIFFUSER

<table>
<thead>
<tr>
<th>LIGHT SOURCECODE</th>
<th>LIGHT SOURCE</th>
<th>FALSE CEILING</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M160700</td>
<td>T16 (G5) 4x24W non dimmable</td>
<td>600x600mm</td>
<td>9,20kg</td>
</tr>
<tr>
<td>M160701</td>
<td>T16 (G5) 4x14-24W dimmable DALI</td>
<td>600x600mm</td>
<td>9,20kg</td>
</tr>
<tr>
<td>M160707</td>
<td>T16 (G5) 4x24W non dimmable + emergency 1h</td>
<td>600x600mm</td>
<td>9,80kg</td>
</tr>
<tr>
<td>M160702</td>
<td>T16 (G5) 4x24W non dimmable</td>
<td>625x625mm</td>
<td>9,60kg</td>
</tr>
<tr>
<td>M160721</td>
<td>T16 (G5) 4x14-24W dimmable DALI</td>
<td>625x625mm</td>
<td>9,60kg</td>
</tr>
</tbody>
</table>

photometric data: see page 425.

KALIFA RECESSED ACCESSORIES

Recess frame for installation on plasterboard false ceiling.

<table>
<thead>
<tr>
<th>LIGHT SOURCECODE</th>
<th>LIGHT SOURCE</th>
<th>FALSE CEILING</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M160600</td>
<td>Recess frame for installation on plasterboard false ceiling.</td>
<td>600x600mm</td>
<td>0,90kg</td>
</tr>
<tr>
<td>M160602</td>
<td>625x625mm</td>
<td>0,94kg</td>
<td></td>
</tr>
</tbody>
</table>

INTERACTIVE-DALI components: see page 409.

KALIFA RECESSED INSTALLATION

INSTALLATION WITH LUMINAIRE INCORPORATED INTO THE 600/625 MODULAR CEILING STRUCTURE.

INSTALLATION INTO PLASTER CEILING WITH OPTIONAL RECESS FRAME (M160600 OR M160602).
KALIFA CEILING KALIFA SUSPENSION

- A range of luminaires using T16 fluorescent lamps, available in 2 versions: ceiling mounted or pendant.
- Extruded aluminium body with white or grey paint finish, and 4mm thick screen-printed tempered glass.
- Electronic control gear.
- Complies with standard EN60598-1 and other specific standards.

Ceiling
- Ceiling fixture using 4x14W and 4x24W T16 fluorescent lamps.
- Opaque or diffusing screen-printed glass.
- Dark light optics.
- Lamps can be maintained without the need for tools.

Pendant
- Single pendant with direct-indirect lighting, using 4x24W T16 fluorescent lamps.
- Light distribution: 81% indirect and 19% direct.
- Polycarbonate dust protection screen.
- Luminaire comes complete with quick-adjustment steel suspension cables, ceiling plate and power cable.
**KALIFA CEILING DARK LIGHT + OPAQUE GLASS**

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1610.0</td>
<td>T16 (G5) 4x24W non dimmable</td>
<td>8.50kg</td>
</tr>
</tbody>
</table>

**KALIFA CEILING DARK LIGHT + DIFFUSER**

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1611.0</td>
<td>T16 (G5) 4x14W non dimmable</td>
<td>10.40kg</td>
</tr>
<tr>
<td>M1612.0</td>
<td>T16 (G5) 4x24W non dimmable</td>
<td>10.40kg</td>
</tr>
</tbody>
</table>

photometric data: see page 428.

**KALIFA SUSPENSION**

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1618.0</td>
<td>T16 (G5) 4x24W non dimmable</td>
<td>8.50kg</td>
</tr>
</tbody>
</table>

photometric data: see page 433.
NOTA BENE SYSTEM

- PENDANT SYSTEM WITH DIRECT-INDIRECT LIGHTING USING 28W AND 54W T16 FLUORESCENT LAMPS.
- AVAILABLE AS A SINGLE PENDANT LIGHT OR AS A MODULAR SYSTEM.
- STEEL BODY WITH A WHITE OR GREY PAINT FINISH, AVAILABLE IN LENGTHS OF 1234MM AND 2416MM.
- DARK LIGHT OPTIC MADE FROM SUPER PURE ALUMINIUM.
- DARK LIGHT EMISSION IS IN COMPLIANCE WITH EN 12464-1 STANDARD, WITH AVERAGE LUMINANCE LEVELS LOWER THAN THE 1000 CD/M² LIMIT FOR AN OBSERVATION ANGLE OF 65° OR ABOVE WITH RESPECT TO THE VERTICAL AXIS.
- LIGHT OUTPUT RATIO: 91% (1xT16) AND 87% (2xT16).
- LIGHT DISTRIBUTION: 65% INDIRECT AND 35% DIRECT (1xT16), 63% INDIRECT AND 37% DIRECT (2xT16).
- ELECTRONIC BALLAST OR DAU-SWITCHDIM DIMMABLE ELECTRONIC BALLAST.
- THE SYSTEM COMPRIZES OF POWER SUPPLY UNITS WITH CEILING PLATE AND POWER SUPPLY CABLE, AND CONTINUITY MODULES.
- INTERMODULE MECHANICAL CONNECTION BY LINEAR OR 90° CONNECTORS.
- ELECTRICAL CONNECTION VIA QUICK CONNECTORS.
- QUICK ADJUSTMENT STEEL SUSPENSION CABLES.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
## NOTA BENE SUSPENSION 1200

![Image of NOTA BENE SUSPENSION 1200](image1.png)

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1066.0</td>
<td>T16 (G5) 1x28W non dimmable</td>
<td>1234mm</td>
<td>4,10kg</td>
</tr>
<tr>
<td>M1067.0</td>
<td>T16 (G5) 2x28W non dimmable</td>
<td>1234mm</td>
<td>4,20kg</td>
</tr>
<tr>
<td>M1070.0</td>
<td>T16 (G5) 1x54W non dimmable</td>
<td>1234mm</td>
<td>4,10kg</td>
</tr>
<tr>
<td>M1071.0</td>
<td>T16 (G5) 2x54W non dimmable</td>
<td>1234mm</td>
<td>4,20kg</td>
</tr>
<tr>
<td>M1071.1</td>
<td>T16 (G5) 2x28-54W dimmable DALI</td>
<td>1234mm</td>
<td>4,20kg</td>
</tr>
</tbody>
</table>

Photometric data: see page 434.

## NOTA BENE SUSPENSION 2400

![Image of NOTA BENE SUSPENSION 2400](image2.png)

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1068.0</td>
<td>T16 (G5) 2x28W non dimmable</td>
<td>2416mm</td>
<td>7,90kg</td>
</tr>
<tr>
<td>M1069.0</td>
<td>T16 (G5) 4x28W non dimmable</td>
<td>2416mm</td>
<td>8,10kg</td>
</tr>
<tr>
<td>M1072.0</td>
<td>T16 (G5) 2x54W non dimmable</td>
<td>2416mm</td>
<td>7,90kg</td>
</tr>
<tr>
<td>M1073.0</td>
<td>T16 (G5) 4x54W non dimmable</td>
<td>2416mm</td>
<td>8,10kg</td>
</tr>
<tr>
<td>M1073.1</td>
<td>T16 (G5) 4x28-54W dimmable DALI</td>
<td>2416mm</td>
<td>8,10kg</td>
</tr>
</tbody>
</table>

Photometric data: see page 434.

## NOTA BENE SUSPENSION ACCESSORIES

![Image of NOTA BENE SUSPENSION ACCESSORIES](image3.png)

**INTERACTIVE-DALI TECHNOLOGY**

**INTERACTIVE-DALI components:**

- see page 409.

NOTA BENE SYSTEM WITH LINEAR CONNECTOR.
NOTA BENE SYSTEM

### T16 (G5)

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1084.0</td>
<td>T16 (G5) 1x28W non dimmable</td>
<td>3,90kg</td>
</tr>
<tr>
<td>M1085.0</td>
<td>T16 (G5) 2x28W non dimmable</td>
<td>4,00kg</td>
</tr>
<tr>
<td>M1075.0</td>
<td>T16 (G5) 1x54W non dimmable</td>
<td>3,90kg</td>
</tr>
<tr>
<td>M1076.0</td>
<td>T16 (G5) 2x54W non dimmable</td>
<td>4,00kg</td>
</tr>
<tr>
<td>M1076.7</td>
<td>T16 (G5) 2x54W non dimmable + emergency 1h</td>
<td>4,60kg</td>
</tr>
<tr>
<td>M1076.1</td>
<td>T16 (G5) 2x28-54W dimmable DALI</td>
<td>4,00kg</td>
</tr>
</tbody>
</table>

### FEEDER MODULES

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1086.0</td>
<td>T16 (G5) 1x28W non dimmable</td>
<td>3,70kg</td>
</tr>
<tr>
<td>M1087.0</td>
<td>T16 (G5) 2x28W non dimmable</td>
<td>3,80kg</td>
</tr>
<tr>
<td>M1077.0</td>
<td>T16 (G5) 1x54W non dimmable</td>
<td>3,70kg</td>
</tr>
<tr>
<td>M1078.0</td>
<td>T16 (G5) 2x54W non dimmable</td>
<td>3,80kg</td>
</tr>
<tr>
<td>M1078.7</td>
<td>T16 (G5) 2x54W non dimmable + emergency 1h</td>
<td>4,40kg</td>
</tr>
<tr>
<td>M1078.1</td>
<td>T16 (G5) 2x28-54W dimmable DALI</td>
<td>3,80kg</td>
</tr>
</tbody>
</table>

### CONTINUITY MODULES

**Photometric data:** see page 434.

## NOTA BENE SYSTEM COMPONENTS

- **M108020** Decorative end cover (set of 2).
  - grey

- **M1081.0** Linear connector. 23x139x27mm.
  - white 2  grey 9

- **M1082.0** L-shaped connector. 160x160x27mm.
  - white 2  grey 9

- **M108320** Steel suspension cable. 1200mm.

**Interactive-DALI technology**

- **INTERACTIVE-DALI components:** see page 409.
• SINGLE CEILING LIGHTS USING 1x54W OR 2x54W T16 FLUORESCENT LIGHT SOURCE.
• TWO LIGHTING OPTIONS: DARK LIGHT AND WALL WASHER.
• STEEL BODY WITH A WHITE OR GREY PAINT FINISH.
• ELECTRONIC CONTROL GEAR, WITH OR WITHOUT DIMMING (DALI-SWITCH.DIM).
• LAMPS CAN BE MAINTAINED WITHOUT REMOVING THE LUMINAIRE.
• COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

NOTA BENE CEILING DARK LIGHT
• SUPER PURE ALUMINUM DARK LIGHT OPTICS.
• DARK LIGHT EMISSION IS IN COMPLIANCE WITH EN 12464-1 STANDARD, WITH AVERAGE LUMINANCE LEVELS LOWER THAN THE 1000CD/M² LIMIT FOR AN OBSERVATION ANGLE OF 65° OR ABOVE WITH RESPECT TO THE VERTICAL AXIS.
• LIGHT OUTPUT RATIO 71%.
• EMERGENCY LIGHTING AS AN OPTIONAL EXTRA.

NOTA BENE CEILING WALL WASHER
• ASYMMETRIC ALUMINUM REFLECTOR.
NOTA BENE CEILING 1200 DARK LIGHT

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1090.0</td>
<td>T16 (G5) 1x54W non dimmable</td>
<td>1234mm</td>
<td>4,10kg</td>
</tr>
<tr>
<td>M1090.7</td>
<td>T16 (G5) 1x54W non dimmable + emergency 1h</td>
<td>1234mm</td>
<td>4,80kg</td>
</tr>
<tr>
<td>M1090.1</td>
<td>T16 (G5) 1x54W dimmable DALI</td>
<td>1234mm</td>
<td>4,20kg</td>
</tr>
</tbody>
</table>

photometric data: see page 428.

NOTA BENE CEILING 2400 DARK LIGHT

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1091.0</td>
<td>T16 (G5) 2x1x54W non dimmable</td>
<td>2480mm</td>
<td>7,90kg</td>
</tr>
<tr>
<td>M1091.1</td>
<td>T16 (G5) 2x28-54W dimmable DALI</td>
<td>2480mm</td>
<td>8,10kg</td>
</tr>
</tbody>
</table>

photometric data: see page 428.

NOTA BENE CEILING ACCESSORIES

INTERACTIVE-DALI components: see page 409.
NOTA BENE CEILING 1200 WALL WASHER

T16 (G5)  

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1092.0</td>
<td>T16 (G5) 1x54W non dimmable</td>
<td>1270mm</td>
<td>4,10kg</td>
</tr>
<tr>
<td>M1092.1</td>
<td>T16 (G5) 1x54W dimmable DALI</td>
<td>1270mm</td>
<td>4,20kg</td>
</tr>
</tbody>
</table>

photometric data: see page 428.

NOTA BENE CEILING 2400 WALL WASHER

T16 (G5)  

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1093.0</td>
<td>T16 (G5) 2x1x54W non dimmable</td>
<td>2480mm</td>
<td>7,90kg</td>
</tr>
<tr>
<td>M1093.1</td>
<td>T16 (G5) 2x28-54W dimmable DALI</td>
<td>2480mm</td>
<td>8,10kg</td>
</tr>
</tbody>
</table>

photometric data: see page 428.

NOTA BENE CEILING WALL WASHER ISOLUX

Calculation parameters for issuing isolux curve diagrams 54W (n luminaires in continuous line): Length x height 10,00x3,00m. Reflectance factors ceiling/walls/floor 70/50/20%. Distance from wall to illuminate 1,00m. Distance from side wall 1,00m. Maintenance factor 0,90WF.

M1092.0  (n luminaires in continuous line)  
Light source T16 (G5) 54W  
5m (wall) 500lux
TALO SYSTEM

design NEIL POULTON
• Direct-indirect pendant system using 1x54W, 1x80W and 2x54W T16 fluorescent lamps.
• Available as a single pendant light or as a modular system.
• Extruded aluminium body with a white or grey paint finish.
• End caps in die-cast aluminium.
• Dark light emission is in compliance with EN 12464-1 standard, with average luminance levels lower than the 1000 cd/m² limit for an observation angle of 65° or above with respect to the vertical axis.
• Light output ratio: 62%.
• Light distribution: 50% indirect and 50% direct.
• Electronic ballast or DALI-SWITCHDIM dimmable electronic ballast.
• The system comprises of power supply units with ceiling plate and power supply cable, and continuity modules.
• Intermodule mechanical connection by linear or 90° connectors.
• Electrical connection via quick connectors.
• Quick adjustment steel suspension cables.
• Complies with standard EN60598-1 and other specific standards.

Palazzo Italia, Berlin (D).
TAILO SYSTEM SUSPENSION 1200/1500

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1358.0</td>
<td>T16 (G5) 1x54W non dimmable</td>
<td>1285mm</td>
<td>4,20kg</td>
</tr>
<tr>
<td>M1359.0</td>
<td>T16 (G5) 1x80W non dimmable</td>
<td>1585mm</td>
<td>4,80kg</td>
</tr>
<tr>
<td>M1358.1</td>
<td>T16 (G5) 1x54W dimmable DALI</td>
<td>1285mm</td>
<td>4,20kg</td>
</tr>
<tr>
<td>M1359.1</td>
<td>T16 (G5) 1x80W dimmable DALI</td>
<td>1585mm</td>
<td>4,80kg</td>
</tr>
</tbody>
</table>

Photometric data: see page 435.

TAILO SYSTEM SUSPENSION 2400

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1353.0</td>
<td>T16 (G5) 2x54W non dimmable</td>
<td>2486mm</td>
<td>7,90kg</td>
</tr>
<tr>
<td>M1353.1</td>
<td>T16 (G5) 2x28-54W dimmable DALI</td>
<td>2486mm</td>
<td>8,10kg</td>
</tr>
</tbody>
</table>

Photometric data: see page 435.
TALO SYSTEM MODULES

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1354.0</td>
<td>T16 (G5) 1x54W non dimmable</td>
<td>1179mm</td>
<td>4,00kg</td>
</tr>
<tr>
<td>M1356.0</td>
<td>T16 (G5) 1x80W non dimmable</td>
<td>1479mm</td>
<td>4,60kg</td>
</tr>
<tr>
<td>M1354.1</td>
<td>T16 (G5) 1x54W dimmable DALI</td>
<td>1179mm</td>
<td>4,00kg</td>
</tr>
<tr>
<td>M1356.1</td>
<td>T16 (G5) 1x80W dimmable DALI</td>
<td>1479mm</td>
<td>4,60kg</td>
</tr>
<tr>
<td>M1355.0</td>
<td>T16 (G5) 1x54W non dimmable</td>
<td>1179mm</td>
<td>4,00kg</td>
</tr>
<tr>
<td>M1357.0</td>
<td>T16 (G5) 1x80W non dimmable</td>
<td>1479mm</td>
<td>4,60kg</td>
</tr>
<tr>
<td>M1355.1</td>
<td>T16 (G5) 1x54W dimmable DALI</td>
<td>1179mm</td>
<td>4,00kg</td>
</tr>
<tr>
<td>M1357.1</td>
<td>T16 (G5) 1x80W dimmable DALI</td>
<td>1479mm</td>
<td>4,60kg</td>
</tr>
</tbody>
</table>

TALO SYSTEM COMPONENTS

- **M1364.0**: End caps (set of 2), 53x94x45mm.
  - white 1, grey 2

- **M1365.0**: 90° connector, 120x120x45mm.
  - white 1, grey 2

- **M1366.0**: Steel suspension cable. Ceiling plate Ø100mm. 1400mm.
  - white 1, grey 2

INTERACTIVE-DALI TECHNOLOGY

INTERACTIVE-DALI components: see page 409.

TALO SYSTEM
LOST - LOST DUO

design ERNESTO GISMONDI
• SINGLE PENDANT WITH DIRECT-INDIRECT LIGHTING USING 54W AND 80W T16 FLUORESCENT LIGHT SOURCE.
• 2 VERSIONS: LOST (1xT16) AND LOST DUO (2xT16).
• DARK LIGHT OPTICS WITH LATERAL ALUMINIUM REFLECTORS.
• ALUMINIUM CENTRAL PROFILE (LOST DUO).
• END CAPS IN TRANSLUCENT INJECTION MOULDED POLYCARBONATE.
• LIGHT OUTPUT RATIO: 66%. LIGHT DISTRIBUTION: 55% INDIRECT AND 45% DIRECT.
• ELECTRONIC CONTROL GEAR, WITH OR WITHOUT DIMMING (DALI-SWITCHDIM).
• LUMINAIRE COMES COMPLETE WITH QUICK-ADJUSTMENT STEEL CABLES, CEILING SURFACE PLACE AND POWER CABLE.
• COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

LOST
• FOR USE WITH 1x54W OR 1x80W T16.
• DARK LIGHT EMISSION IS IN COMPLIANCE WITH EN 12464-1 STANDARD, WITH AVERAGE LUMINANCE LEVELS LOWER THAN THE 1000 CD/M² LIMIT FOR AN OBSERVATION ANGLE OF 65° OR ABOVE WITH RESPECT TO THE VERTICAL AXIS.
• INTEGRAL BALLAST LOCATED IN THE CEILING PLATE.

LOST DUO
• FOR USE WITH 2x54W OR 2x80W T16.
• INTERACTIVE-DALI SYSTEM, COMBINING A MOVEMENT DETECTOR AND A DAYLIGHT SENSOR FOR AUTO-REGULATION IN RELATION TO PEOPLE PRESENCE AND VARIATIONS IN DAYLIGHT.
• EMERGENCY LIGHTING.
### LOST

#### T16 (G5)

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M148790</td>
<td>T16 (G5) x54W non dimmable</td>
<td>1214mm</td>
<td>1,30kg</td>
</tr>
<tr>
<td>M148690</td>
<td>T16 (G5) x80W non dimmable</td>
<td>1514mm</td>
<td>1,50kg</td>
</tr>
<tr>
<td>M148791</td>
<td>T16 (G5) x54W dimmable DALI</td>
<td>1214mm</td>
<td>1,30kg</td>
</tr>
<tr>
<td>M148691</td>
<td>T16 (G5) x80W dimmable DALI</td>
<td>1514mm</td>
<td>1,50kg</td>
</tr>
</tbody>
</table>

### LOST DUO

#### T16 (G5)

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M148890</td>
<td>T16 (G5) x54W non dimmable</td>
<td>1214mm</td>
<td>1,80kg</td>
</tr>
<tr>
<td>M148890</td>
<td>T16 (G5) x80W non dimmable</td>
<td>1514mm</td>
<td>2,20kg</td>
</tr>
<tr>
<td>M148897</td>
<td>T16 (G5) x54W non dimmable + emergency 1h</td>
<td>1214mm</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M148891</td>
<td>T16 (G5) x28-54W dimmable DALI</td>
<td>1214mm</td>
<td>1,80kg</td>
</tr>
<tr>
<td>M148892</td>
<td>T16 (G5) x28-54W INTERACTIVE-DALI</td>
<td>1214mm</td>
<td>1,80kg</td>
</tr>
</tbody>
</table>

### LOST / LOST DUO ACCESSORIES

- **M074030** INTERACTIVE-DALI kit Ø86mm, white, recessed.
  
  Can be connected to a max. 11 DALI dimmable units. Is operated through INTERACTIVE-DALI remote control or external push button.

- **M074130** Extension movement detector, white, recessed.
  
  To be used when the area to be covered is bigger than 6,00x5,00m by height 2,50m. To be connected to one of the outputs of the INTERACTIVE-DALI controller. No extra mains connection required.

- **M104900** INTERACTIVE-DALI remote control.
ESPRIT
design GIOVANNI GIacobone & MASSIMO ROJ

- PENDANT SYSTEM WITH INDIRECT AND DIRECT-INDIRECT LIGHTING USING 2x54W T16 FLUORESCENT LAMPS.
- AVAILABLE AS A SINGLE PENDANT LIGHT OR AS A MODULAR SYSTEM.
- THE STRUCTURE COM普RIS ES AN ALUMINIUM FRAME WITH A METALLIC GREY PAINT FINISH AND A CENTRAL OPTICAL ELEMENT.
- END CAPS IN DIE-CAST ALUMINIUM.
- INDIRECT LIGHTING VERSION EQUIPPED WITH AN OPAQUE SCREEN WITH AN EXCLUSIVE BLACK CRYSTAL LACQUERED FINISH.
- LIGHT OUTPUT RATIO: 59% (INDIRECT LIGHTING VERSION) AND 89% (DIRECT-INDIRECT LIGHTING VERSION).
- LIGHT DISTRIBUTION: 85% INDIRECT AND 15% DIRECT.
- ELECTRONIC BALLAST, OR DALI-SWITCHDIM DIMMABLE ELECTRONIC BALLAST, AND EMERGENCY LIGHTING.
- INTERMODULE MECHANICAL CONNECTION BY LINEAR OR 90° CONNECTORS.
- QUICK ADJUSTMENT STEEL SUSPENSION CABLES.
- MINI MODULES FOR THE INSTALLATION OF AUXILIARY SERVICES: ACCENT LIGHTING, VIDEO, SOUND, SMOKE DETECTORS, ETC.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
ESPRIT SUSPENSION INDIRECT EMISSION

**T16 (G5)**
- **CODE**: M154500, M154501
- **LIGHT SOURCE**: T16 (G5) 2x54W non dimmable, T16 (G5) 2x28-54W dimmable DALI
- **WEIGHT**: 6.00kg, 6.00kg

**T16 (G5)**
- **CODE**: M154600, M154601
- **LIGHT SOURCE**: T16 (G5) 2x54W non dimmable, T16 (G5) 2x28-54W dimmable DALI
- **WEIGHT**: 6.00kg, 6.00kg

**T16 (G5)**
- **CODE**: M155000, M155007, M155001
- **LIGHT SOURCE**: T16 (G5) 2x54W non dimmable, T16 (G5) 2x54W non dimmable + emergency 1h, T16 (G5) 2x28-54W dimmable DALI
- **WEIGHT**: 5.10kg, 5.70kg, 5.10kg

**T16 (G5)**
- **CODE**: M155100, M155107, M155101
- **LIGHT SOURCE**: T16 (G5) 2x54W non dimmable, T16 (G5) 2x54W non dimmable + emergency 1h, T16 (G5) 2x28-54W dimmable DALI
- **WEIGHT**: 5.10kg, 5.70kg, 5.10kg

Photometric data: see page 432.
**ESPRIT SYSTEM COMPONENTS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>M155600</td>
<td>Downlighter module QR-CBC51 (GU5.3) 1x50W/12V. Integral electronic transformer. Dimmable by trailing edge external dimmers. 297x250x100 mm.</td>
</tr>
<tr>
<td>M156000</td>
<td>Unwired module for auxiliary services. 297x250x48 mm.</td>
</tr>
<tr>
<td>M156100</td>
<td>Unwired module for auxiliary services. 297x250x100 mm.</td>
</tr>
<tr>
<td>M156200</td>
<td>End cap (set of 2). 250x52x48 mm.</td>
</tr>
<tr>
<td>M156300</td>
<td>Linear connector.</td>
</tr>
<tr>
<td>M156400</td>
<td>L-shaped connector. 296x296x48 mm.</td>
</tr>
<tr>
<td>M108320</td>
<td>Steel suspension cable. 1200 mm.</td>
</tr>
<tr>
<td>M156600</td>
<td>Suspension cable with feed. Ceiling plate Ø100 mm. 1200 mm.</td>
</tr>
<tr>
<td>M156700</td>
<td>3 wires (3x1.5 mm²)</td>
</tr>
<tr>
<td></td>
<td>5 wires (5x1.5 mm²)</td>
</tr>
</tbody>
</table>

**ESPRIT SYSTEM**

INTERACTIVE-DALI TECHNOLOGY

INTERACTIVE-DALI components: see page 409.

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 ABOVE: ASSOCIAZIONE BANCARIA ITALIANA, ROME (II), PROGETTO CMR.
 PAGE 308-309: LEGRANCE, MILAN (II), PROGETTO CMR.
 PAGE 310-311: CISCO SYSTEM, VMERCATE (I), PROGETTO CMR.
• DIRECT-INDIRECT MODULAR SYSTEM USING 2x28 TO 2x54W T16 FLUORESCENT LAMPS.
• MICRO-PERFORATED STEEL BODY WITH A WHITE OR GREY PAINT FINISH, AND OPALINE POLYCARBONATE DIFFUSER FOIL.
• CAN BE INSTALLED AS A PENDANT OR WALL LIGHT.
• LIGHT EMISSION IS IN COMPLIANCE WITH EN12464-1 STANDARD, WITH AVERAGE LUMINANCE LEVELS LOWER THAN THE 1000 CD/M² LIMIT FOR AN OBSERVATION ANGLE OF 65° OR ABOVE WITH RESPECT TO THE VERTICAL AXIS.
• LIGHT OUTPUT RATIO: 64%.
• LIGHT DISTRIBUTION: 84% INDIRECT AND 16% DIRECT.
• ELECTRONIC BALLAST, OR DALI-SWITCHDIM DIMMABLE ELECTRONIC BALLAST, OR INTERACTIVE-DALI SYSTEM COMBINING A MOVEMENT DETECTOR AND A DAYLIGHT SENSOR FOR AUTO-REGULATION IN RELATION TO PEOPLE PRESENCE AND VARIATIONS IN DAYLIGHT.
• INTERMODULE ELECTROMECHANICAL CONNECTION VIA CABLE-FREE QUICK CONNECTORS.
• 5-CABLE THROUGH-WIRING SUITABLE FOR 2 OR 3 SWITCHES CIRCUITS (THE DIMMABLE VERSION HAS ONE SWITCH ONLY).
• CONTINUOUS LINEAR MOUNTING OR WITH 90° CONNECTORS, 3 AND 4 WAYS CONNECTORS.
• DUST PROTECTION COVER MADE OF EXTRUDED POLYCARBONATE.
• QUICK ADJUSTMENT STEEL SUSPENSION CABLES.
• COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
MEGAN SYSTEM CONFIGURATIONS

Multiple configurations, simple or complex, can be made thanks to MEGAN SYSTEM. The position of the fixtures is determined by the location of the neutral terminal inside the connector. Luminaires installed in a linear continuous row must have the same orientation (neutral terminal on the same side).

The type of 90° or T connectors to be used also depends on the neutral terminal position. There is only one type of linear connector, which can be used with neutral terminals located on the left or right hand side, by a simple 180° rotation of the connector.

The X-connector gives the starting position of the neutral terminals for all the luminaires' rows connected to it.

EXAMPLE WITH 90° CONNECTOR L6892.0
1 Neutral
2 Square pin
3 Square slot

EXAMPLE WITH 90° CONNECTOR L6893.0

MEGAN SYSTEM SUSPENSION

MEGAN SYSTEM WALL

PAGE 316: ARTEMIDE SPA, MILAN (I), CARLOTTA DE BEVLACQUA.
MEGAN SYSTEM

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>L6857.0</td>
<td>T16 (G5) 2x28W non dimmable</td>
<td>1173mm</td>
<td>2.95kg</td>
</tr>
<tr>
<td>L6858.0</td>
<td>T16 (G5) 2x35W non dimmable</td>
<td>1473mm</td>
<td>3.60kg</td>
</tr>
<tr>
<td>L6859.0</td>
<td>T16 (G5) 2x54W non dimmable</td>
<td>1173mm</td>
<td>2.95kg</td>
</tr>
<tr>
<td>L6861.0</td>
<td>T16 (G5) 2x35W dimmable DALI</td>
<td>1473mm</td>
<td>3.60kg</td>
</tr>
<tr>
<td>L6862.0</td>
<td>T16 (G5) 2x28-54W dimmable DALI</td>
<td>1173mm</td>
<td>2.95kg</td>
</tr>
<tr>
<td>L6862.6</td>
<td>T16 (G5) 2x28-54W INTERACTIVE-DALI</td>
<td>1173mm</td>
<td>3.00kg</td>
</tr>
</tbody>
</table>

MEGAN SYSTEM COMPONENTS

- **L6897.0** Steel suspension cable. Height adjustment via integral griplock system in the base plate, max. 1900mm.
  - grey 0  white 2

- **L6899.0** Steel suspension cable + power feed cable. Height adjustment capacity, max. 1900mm. 3 wires (3x0.75mm²). 5 wires (5x1.5mm²).
  - grey 0  white 2

- **L6873.0** Left wall fixing. Ø106mm. Protrusion 50mm.
  - grey 0  white 2

- **L6871.0** Mid wall fixing. Ø106mm. Protrusion 50mm.
  - grey 0  white 2

- **L6872.0** Right wall fixing. Ø106mm. Protrusion 50mm.
  - grey 0  white 2

- **L687000** Wall feed 3 wires (3x0.75mm²). For dimmable version: 2 pieces required.

- **L6890.0** End cap. Overall thickness 8mm. Useful thickness 3mm.
  - grey 0  white 2

- **L6891.0** Linear connector. Overall thickness 8mm. Useful thickness 3mm.
  - grey 0  white 2

- **L6892.0** L-connector. 205x205mm.
  - grey 0  white 2

- **L6893.0** Internal peg (for external neutral) External peg (for internal neutral)
  - grey 0  white 2

- **L6894.0** T-connector. 205x205mm.
  - grey 0  white 2

- **L6895.0** Peg on the left (for neutral on the right). Peg on the right (for neutral on the left).
  - grey 0  white 2

- **L6896.0** X-connector. 205x205mm.
  - grey 0  white 2

- **M104900** INTERACTIVE-DALI remote control.

- **M074030** INTERACTIVE-DALI kit Ø86mm white, recessed. Can be connected to a max. 11 DALI dimmable units. Is operated through INTERACTIVE-DALI remote control or external push button.

- **M074130** Extension recessed movement detector for INTERACTIVE-DALI system.

Photometric data: see page 433 and 438.
EOS SYSTEM

design BRUNO HOUSSIN & ALAIN GIROT
• DIRECT-INDIRECT MODULAR PENDANT SYSTEM USING 2x28W TO 2x54W T16 FLUORESCENT LAMPS.
• EXTRUDED ALUMINIUM BODY WITH A WHITE PAINT FINISH.
• SOFT LIGHT DIRECT LIGHTING WITH INTERNAL OPTIC AND POLYCARBONATE DIFFUSER.
• LIGHT OUTPUT RATIO: 74%.
• LIGHT DISTRIBUTION: 93% INDIRECT AND 7% DIRECT.
• ELECTRONIC BALLAST.
• OPTIONAL EMERGENCY LIGHTING.
• MOUNTING WITH LINEAR OR VARIABLE ANGLE CONNECTORS, 3- AND 4-WAYS CONNECTORS.
• QUICK ADJUSTMENT STEEL SUSPENSION CABLES.
• POLYCARBONATE DUST PROTECTION COVER.
• OPTIONAL COLOURED FILTERS (BLUE, PURPLE AND GREEN) FOR VARIED DIRECT LIGHTING TONES.
• COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
EOS SYSTEM

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M093620</td>
<td>T16 (G5) 2x28W</td>
<td>1184mm</td>
<td>6,00kg</td>
</tr>
<tr>
<td>M093720</td>
<td>T16 (G5) 2x54W</td>
<td>1184mm</td>
<td>6,00kg</td>
</tr>
<tr>
<td>M093520</td>
<td>T16 (G5) 2x35W</td>
<td>1484mm</td>
<td>7,30kg</td>
</tr>
<tr>
<td>M093820</td>
<td>T16 (G5) 2x35W + emergency 1h</td>
<td>1484mm</td>
<td>7,80kg</td>
</tr>
</tbody>
</table>

photometric data: see page 432.

EOS SYSTEM COMPONENTS

- **M094220**: Variable angle connector. 368x368mm. Adjustable from 90° to 270°.

- **M094320**: T-shaped connector. 368x368mm.

- **M094420**: X-shaped connector. 368x368mm.

EOS SYSTEM ACCESSORIES

- Coloured filters for modules of 1184mm long.
  - M080405: Blue.
  - M080415: Violet.
  - M080425: Green.

- Coloured filters for modules of 1484mm long.
  - M080435: Blue.
  - M080445: Violet.
  - M080455: Green.

EOS SYSTEM
FLAP - MINI FLAP

design BRUNO HOUSSIN & ALAIN GIROT
MINI FLAP SYSTEM SUSPENSION
- Pendant system with direct-indirect lighting, for continuous linear mounting and with 90° connectors.
- Extruded aluminium body with metallic grey paint finish.
- Indirect lighting using 2x28 to 2x54W T16 fluorescent lamps.
- 3 types of direct lighting: diffused emission with an opaline polycarbonate diffuser, dark light emission with optics made from super pure aluminium, and intensive light emission via recessed downlights using 12V dichroic halogen lamps.
- Dark light emission is in compliance with EN 12464-1 standard, with average luminance levels lower than the 1000 cd/m² limit for an observation angle of 65° or above with respect to the vertical axis. Light output ratio: 64%. Light distribution: 76% indirect and 24% direct.
- Diffused emission: light output ratio: 61%. Light distribution: 80% indirect and 20% direct.
- Electronic ballast, or DALI-switchdim dimmable electronic ballast (for indirect lighting only).
- 2 separate switch circuits for the independent control of the direct and indirect lighting functions.
- Polycarbonate dust-protection screen as an optional extra.
- Adjustable steel suspension cables.
- Slimline or decorative end caps.
- Complies with standard EN60598-1 and other specific standards.
**MINI FLAP SYSTEM SUSPENSION DUAL EMISSION (DIRECT DARK LIGHT)**

![Diagram](image)

**T16 (G5)**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M152669</td>
<td>T16 (G5) 2x28W + T16 (G5) 1x28W non dimmable</td>
<td>1185mm</td>
<td>7,00kg</td>
</tr>
<tr>
<td>M152769</td>
<td>T16 (G5) 2x54W + T16 (G5) 1x54W non dimmable</td>
<td>1185mm</td>
<td>7,00kg</td>
</tr>
<tr>
<td>M152869</td>
<td>T16 (G5) 2x35W + T16 (G5) 1x35W non dimmable</td>
<td>1485mm</td>
<td>8,10kg</td>
</tr>
<tr>
<td>M152668</td>
<td>T16 (G5) 2x28W + T16 (G5) 1x28W dimmable DALI*</td>
<td>1185mm</td>
<td>7,00kg</td>
</tr>
<tr>
<td>M152768</td>
<td>T16 (G5) 2x54W + T16 (G5) 1x54W dimmable DALI*</td>
<td>1185mm</td>
<td>7,00kg</td>
</tr>
<tr>
<td>M152868</td>
<td>T16 (G5) 2x35W + T16 (G5) 1x35W dimmable DALI*</td>
<td>1485mm</td>
<td>8,10kg</td>
</tr>
</tbody>
</table>

*Indirect emission dimmable, direct emission non dimmable.

**MINI FLAP SYSTEM SUSPENSION DUAL EMISSION (DIRECT DIFFUSED)**

![Diagram](image)

**T16 (G5)**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M153269</td>
<td>T16 (G5) 2x28W + T16 (G5) 1x28W non dimmable</td>
<td>1185mm</td>
<td>7,00kg</td>
</tr>
<tr>
<td>M153369</td>
<td>T16 (G5) 2x54W + T16 (G5) 1x54W non dimmable</td>
<td>1185mm</td>
<td>7,00kg</td>
</tr>
<tr>
<td>M153469</td>
<td>T16 (G5) 2x35W + T16 (G5) 1x35W non dimmable</td>
<td>1485mm</td>
<td>8,10kg</td>
</tr>
<tr>
<td>M153268</td>
<td>T16 (G5) 2x28W + T16 (G5) 1x28W dimmable DALI*</td>
<td>1185mm</td>
<td>7,00kg</td>
</tr>
<tr>
<td>M153368</td>
<td>T16 (G5) 2x54W + T16 (G5) 1x54W dimmable DALI*</td>
<td>1185mm</td>
<td>7,00kg</td>
</tr>
<tr>
<td>M153468</td>
<td>T16 (G5) 2x35W + T16 (G5) 1x35W dimmable DALI*</td>
<td>1485mm</td>
<td>8,10kg</td>
</tr>
</tbody>
</table>

*Indirect emission dimmable, direct emission non dimmable.

**MINI FLAP SYSTEM SUSPENSION DUAL EMISSION (DIRECT SPOT)**

![Diagram](image)

**T16 (G5)**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M153869</td>
<td>T16 (G5) 2x28W + QR-CBC35 (GU4) 2x35W non dimmable</td>
<td>1185mm</td>
<td>8,40kg</td>
</tr>
<tr>
<td>M153969</td>
<td>T16 (G5) 2x54W + QR-CBC35 (GU4) 2x35W non dimmable</td>
<td>1185mm</td>
<td>8,40kg</td>
</tr>
<tr>
<td>M154069</td>
<td>T16 (G5) 2x35W + QR-CBC35 (GU4) 3x35W non dimmable</td>
<td>1485mm</td>
<td>9,60kg</td>
</tr>
<tr>
<td>M153868</td>
<td>T16 (G5) 2x28W + QR-CBC35 (GU4) 2x35W dimmable DALI*</td>
<td>1185mm</td>
<td>8,40kg</td>
</tr>
<tr>
<td>M153968</td>
<td>T16 (G5) 2x54W + QR-CBC35 (GU4) 2x35W dimmable DALI*</td>
<td>1185mm</td>
<td>8,40kg</td>
</tr>
<tr>
<td>M154068</td>
<td>T16 (G5) 2x35W + QR-CBC35 (GU4) 3x35W dimmable DALI*</td>
<td>1485mm</td>
<td>9,60kg</td>
</tr>
</tbody>
</table>

Integral electronic transformer, 35-105W, 230-240V/12V. Class II. Dimmable by trailing or leading edge external dimmers.

**Photometric data:** see page 433.
**MINI FLAP SYSTEM SUSPENSION COMPONENTS**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>M159961</td>
<td>Flat end cap. Thickness 2mm.</td>
<td>metal grey</td>
</tr>
<tr>
<td>M159261</td>
<td>Decorative end cap. 298x181mm.</td>
<td>metal grey</td>
</tr>
<tr>
<td>M158761</td>
<td>90° connector. 318x318mm.</td>
<td>metal grey</td>
</tr>
</tbody>
</table>

**INTERACTIVE-DALI components:** see page 409.

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**MINI FLAP SYSTEM SUSPENSION**

---

Dust-protection polycarbonate screen. 2 pieces required.
- M080515 For modules 1185mm long.
- M080525 For modules 1485mm long.

Steel suspension cable. 1400mm.
- M159361

Steel suspension cable. 1400mm. With power feed cable.
- M159461 5 wires (5x1,5mm²).
- M158661 7 wires (5x1,5mm² + 2x0,75mm²).

Steel suspension cable. 1400mm. With power feed cable.
- M159461 5 wires (5x1,5mm²).
- M158661 7 wires (5x1,5mm² + 2x0,75mm²).

---

Metal grey 90° connector 318x318mm.

Metal grey 1400mm steel suspension with power feed cable.
- M159461 5 wires (5x1,5mm²).
- M158661 7 wires (5x1,5mm² + 2x0,75mm²).

---

**MINI FLAP SYSTEM SUSPENSION**

---

Flat end cap. Thickness 2mm.

Decorative end cap. 298x181mm.

90° connector. 318x318mm.

Dust-protection polycarbonate screen. 2 pieces required.
- M080515 For modules 1185mm long.
- M080525 For modules 1485mm long.

Steel suspension cable. 1400mm.
- M159361

Steel suspension cable. 1400mm. With power feed cable.
- M159461 5 wires (5x1,5mm²).
- M158661 7 wires (5x1,5mm² + 2x0,75mm²).

---

**MINI FLAP SYSTEM SUSPENSION**

---

Flat end cap. Thickness 2mm.

Decorative end cap. 298x181mm.

90° connector. 318x318mm.

Dust-protection polycarbonate screen. 2 pieces required.
- M080515 For modules 1185mm long.
- M080525 For modules 1485mm long.

Steel suspension cable. 1400mm.
- M159361

Steel suspension cable. 1400mm. With power feed cable.
- M159461 5 wires (5x1,5mm²).
- M158661 7 wires (5x1,5mm² + 2x0,75mm²).
LINEAR SYSTEM FOR WALL MOUNTING WITH DIRECT AND DIRECT-INDIRECT LIGHTING, USING 1x24W TO 1x80W T16 FLUORESCENT LAMPS.
- EXTRUDED ALUMINIUM BODY WITH METALLIC GREY PAINT FINISH.
- DIRECT DIFFUSED WALL WASHER LIGHTING.
- ELECTRONIC BALLAST OR DALI-SWITCHDIM DIMMABLE ELECTRONIC BALLAST.
- 90° CONNECTORS AVAILABLE ON REQUEST.
- POLYCARBONATE DUST-PROTECTION SCREEN AS AN OPTIONAL EXTRA.
- SLIMLINE FINISHING END CAPS.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
**MINI FLAP SYSTEM WALL INDIRECT EMISSION**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M150069</td>
<td>T16 (G5) 1x24W non dimmable</td>
<td>585mm</td>
<td>1,50kg</td>
</tr>
<tr>
<td>M150169</td>
<td>T16 (G5) 1x28W non dimmable</td>
<td>1185mm</td>
<td>3,40kg</td>
</tr>
<tr>
<td>M150269</td>
<td>T16 (G5) 1x54W non dimmable</td>
<td>1185mm</td>
<td>3,40kg</td>
</tr>
<tr>
<td>M150369</td>
<td>T16 (G5) 1x35W non dimmable</td>
<td>1485mm</td>
<td>4,20kg</td>
</tr>
<tr>
<td>M150469</td>
<td>T16 (G5) 1x80W non dimmable</td>
<td>1485mm</td>
<td>4,20kg</td>
</tr>
<tr>
<td>M150168</td>
<td>T16 (G5) 1x28W dimmable DALI</td>
<td>1185mm</td>
<td>3,40kg</td>
</tr>
<tr>
<td>M150268</td>
<td>T16 (G5) 1x54W dimmable DALI</td>
<td>1185mm</td>
<td>3,40kg</td>
</tr>
<tr>
<td>M150368</td>
<td>T16 (G5) 1x35W dimmable DALI</td>
<td>1485mm</td>
<td>4,20kg</td>
</tr>
<tr>
<td>M150468</td>
<td>T16 (G5) 1x80W dimmable DALI</td>
<td>1485mm</td>
<td>4,20kg</td>
</tr>
</tbody>
</table>

**MINI FLAP SYSTEM WALL DUAL EMISSION (DIRECT WALL WASHER)**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M150569</td>
<td>T16 (G5) 1x24W non dimmable</td>
<td>585mm</td>
<td>1,80kg</td>
</tr>
<tr>
<td>M150669</td>
<td>T16 (G5) 1x28W non dimmable</td>
<td>1185mm</td>
<td>4,20kg</td>
</tr>
<tr>
<td>M150769</td>
<td>T16 (G5) 1x54W non dimmable</td>
<td>1185mm</td>
<td>4,20kg</td>
</tr>
<tr>
<td>M150869</td>
<td>T16 (G5) 1x35W non dimmable</td>
<td>1485mm</td>
<td>5,10kg</td>
</tr>
<tr>
<td>M150969</td>
<td>T16 (G5) 1x80W non dimmable</td>
<td>1485mm</td>
<td>5,10kg</td>
</tr>
<tr>
<td>M150668</td>
<td>T16 (G5) 1x28W dimmable DALI</td>
<td>1185mm</td>
<td>4,20kg</td>
</tr>
<tr>
<td>M150768</td>
<td>T16 (G5) 1x54W dimmable DALI</td>
<td>1185mm</td>
<td>4,20kg</td>
</tr>
<tr>
<td>M150868</td>
<td>T16 (G5) 1x35W dimmable DALI</td>
<td>1485mm</td>
<td>5,10kg</td>
</tr>
<tr>
<td>M150968</td>
<td>T16 (G5) 1x80W dimmable DALI</td>
<td>1485mm</td>
<td>5,10kg</td>
</tr>
</tbody>
</table>

**MINI FLAP SYSTEM WALL COMPONENTS**

- **Flat end cap, indirect emission. Thickness 2mm.**
  - Right.
  - Left. metal grey

- **Flat end cap, dual emission (direct wall washer). Thickness 2mm.**
  - Right.
  - Left. metal grey

**Dust-protection polycarbonate screen.**
- M080505 For modules 585mm long.
- M080515 For modules 1185mm long.
- M080525 For modules 1485mm long.

**INTERACTIVE-DALI TECHNOLOGY Components:**
see page 409.
FLAP SYSTEM WALL

- Linear system for wall mounting with direct and direct-indirect lighting.
- Extruded aluminium body with a metallic grey paint finish.
- Indirect lighting using 1x28W to 2x54W T16 fluorescent lamps.
- Direct lighting via 12V halogen spots (for units equipped with transformer and low voltage track).
- Electronic ballast.
- 90° connectors available on request.
- Picture hanging system as an optional extra.
- Slimline or decorative end caps.
- Complies with standard EN60598-1 and other specific standards.
FLAP SYSTEM WALL T16 INDIRECT EMISSION

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M084060</td>
<td>T16 (G5) 1x28W non dimmable</td>
<td>1185mm</td>
<td>4,30kg</td>
</tr>
<tr>
<td>M084160</td>
<td>T16 (G5) 1x35W non dimmable</td>
<td>1485mm</td>
<td>5,20kg</td>
</tr>
<tr>
<td>M084260</td>
<td>T16 (G5) 1x54W non dimmable</td>
<td>1185mm</td>
<td>4,30kg</td>
</tr>
<tr>
<td>M084360</td>
<td>T16 (G5) 2x28W non dimmable</td>
<td>1185mm</td>
<td>4,30kg</td>
</tr>
<tr>
<td>M084460</td>
<td>T16 (G5) 2x35W non dimmable</td>
<td>1485mm</td>
<td>5,20kg</td>
</tr>
<tr>
<td>M084560</td>
<td>T16 (G5) 2x54W non dimmable</td>
<td>1185mm</td>
<td>4,30kg</td>
</tr>
<tr>
<td>M084061</td>
<td>T16 (G5) 1x28W dimmable DALI</td>
<td>1185mm</td>
<td>4,40kg</td>
</tr>
<tr>
<td>M084161</td>
<td>T16 (G5) 1x35W dimmable DALI</td>
<td>1485mm</td>
<td>5,30kg</td>
</tr>
<tr>
<td>M084261</td>
<td>T16 (G5) 1x54W dimmable DALI</td>
<td>1185mm</td>
<td>4,40kg</td>
</tr>
<tr>
<td>M084461</td>
<td>T16 (G5) 2x35W dimmable DALI</td>
<td>1485mm</td>
<td>5,30kg</td>
</tr>
<tr>
<td>M084561</td>
<td>T16 (G5) 2x28-54W dimmable DALI</td>
<td>1185mm</td>
<td>4,40kg</td>
</tr>
</tbody>
</table>

FLAP SYSTEM WALL T16 WITH INTEGRAL LV TRACK

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M084660</td>
<td>T16 (G5) 1x28W non dimmable + BTS 100W max</td>
<td>1185mm</td>
<td>4,30kg</td>
</tr>
<tr>
<td>M084760</td>
<td>T16 (G5) 1x35W non dimmable + BTS 100W max</td>
<td>1485mm</td>
<td>5,20kg</td>
</tr>
<tr>
<td>M084860</td>
<td>T16 (G5) 1x54W non dimmable + BTS 100W max</td>
<td>1185mm</td>
<td>4,30kg</td>
</tr>
<tr>
<td>M084661</td>
<td>T16 (G5) 1x28W dimmable DALI + BTS 100W max</td>
<td>1185mm</td>
<td>4,30kg</td>
</tr>
<tr>
<td>M084761</td>
<td>T16 (G5) 1x35W dimmable DALI + BTS 100W max</td>
<td>1485mm</td>
<td>5,20kg</td>
</tr>
<tr>
<td>M084861</td>
<td>T16 (G5) 1x54W dimmable DALI + BTS 100W max</td>
<td>1185mm</td>
<td>4,30kg</td>
</tr>
</tbody>
</table>

FLAP SYSTEM WALL T16 COMPONENTS

- **FLAT END CAP.** Thickness 2mm.
  - **M089461** Right.
  - **M089561** Left.
  - Metal grey

- **DECORATIVE END CAP.**
  - **M089361**
  - Metal grey

- **INTERACTIVE-DALI TECHNOLOGY**
  - Components: see page 409.
# FLAP SYSTEM WALL SPOTS

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M015262</td>
<td>QT12-UVR-ax (GY6,35) 12V 1xmax50W</td>
<td>0,10kg</td>
</tr>
<tr>
<td>M015462</td>
<td>QT12-UVR-ax (GY6,35) 12V 2xmax50W</td>
<td>0,20kg</td>
</tr>
<tr>
<td>M015562</td>
<td>QR-CBC35 (GU4) 12V 1xmax35W</td>
<td>0,10kg</td>
</tr>
</tbody>
</table>
FLAP WALL
- WALL LAMP FOR DIRECT-INDIRECT LIGHTING USING 300W HALOGEN AND 50W/12V DICHRÖIC HALOGEN LAMPS.
- EXTRUDED ALUMINIUM BODY WITH METALLIC GREY PAINT FINISH.
- ELECTRONIC TRANSFORMER.
- PROTECTIVE GLASS.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

FLAP TABLEAU
- WALL LAMP FOR THE LIGHTING OF PICTURES, MIRRORS, ETC., USING 12V HALOGEN LAMPS.
- DIRECTIONAL SPOTLIGHT WITH SINGLE OR DOUBLE HEAD.
- STEEL POWER SUPPLY UNIT.
- METALLIC GREY PAINT FINISH.
- INTEGRAL PICTURE HOOK.
- ELECTRONIC TRANSFORMER.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
FLAP WALL

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M096261</td>
<td>QT-DE12 (R7s) 1xmax300W + QR-CBC51 (GU5,3) 12V 1xmax50W</td>
<td>1,80kg</td>
</tr>
<tr>
<td></td>
<td>Integral electronic transformer. Dimmable by trailing edge external dimmers.</td>
<td></td>
</tr>
</tbody>
</table>

FLAP TABLEAU I

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M022061</td>
<td>QR-CBC35 (GU4) 12V 1xmax35W</td>
<td>0,70kg</td>
</tr>
<tr>
<td></td>
<td>Integral electronic transformer. Dimmable by trailing edge external dimmers.</td>
<td></td>
</tr>
</tbody>
</table>

FLAP TABLEAU II

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M022161</td>
<td>QT-UVr-ax (G4) 12V 2xmax 20W</td>
<td>0,80kg</td>
</tr>
<tr>
<td></td>
<td>Integral electronic transformer 20-50W, 230V/12V. Dimmable by trailing edge external dimmers.</td>
<td></td>
</tr>
</tbody>
</table>

Photometric data: see page 436.
MULTIFUNCTIONAL MODULAR SYSTEM USING T16 FLUORESCENT LAMPS. THE SYSTEM COMPRISSES A PRE-CABLED EXTRUDED ALUMINIUM STRUCTURE WITH GREY PAINT FINISH, VARIOUS INTERCHANGEABLE OPTICS AND PANELS FOR AUXILIARY SERVICES.

THE STRUCTURE COMES IN 2 DIFFERENT WIDTHS (400MM OR 600MM) AND LENGTHS (2080MM OR 2380MM) DEPENDING ON THE LAMPS NUMBER AND WATTAGE. STRUCTURE AVAILABLE WITH OR WITHOUT A THREE-PHASE TRACK SUITABLE FOR SPOTLIGHTS WITH ADAPTER, FOR LCD SCREENS, ETC.

THE WIDE RANGE OF INTERCHANGEABLE OPTICS AND LIGHT EMISSION OPTIONS MEET THE NEEDS OF MANY DIFFERENT APPLICATIONS LIKE IN OFFICE ENVIRONMENTS, PREMISES EQUIPPED WITH COMPUTER TERMINALS, WAITING ROOMS, HALLS, MUSEUMS, COMMERCIAL PREMISES, ETC.

RA SYSTEM MAY BE EQUIPPED WITH SAFETY SYSTEMS (SMOKE DETECTORS, INDEPENDENT UNITS), DETECTOR UNITS (MOVEMENT OR DAYLIGHT SENSORS) AND WITH AUXILIARY SERVICES (AUDIO, VIDEO, THERMOSTATS OR SIGNAL PANELS). SUCH DEVICES ENHANCE ITS FUNCTIONAL NATURE AND ENSURE INTELLIGENT AND RATIONAL USE OF THE SYSTEM.

RA SYSTEM CAN BE INSTALLED AS A PENDANT, AS A CEILING LIGHT OR RECESSED INTO PLASTERBOARD FALSE CEILINGS.

INTERMEDIATE CONNECTORS, END PIECES OR PENDANT SYSTEMS ARE TO BE ORDERED SEPARATELY.

ELECTRONIC BALLAST OR DALI DIMMABLE BALLAST.

AN OPTIONAL CABLE DUCT CAN BE INSTALLED IN THE UPPER PART OF THE STRUCTURE.

COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

NOT ONLY DOES RA SYSTEM REPRESENT A PLATFORM CAPABLE OF ACCOMMODATING DIFFERENT LIGHTING SYSTEMS, IT ALSO ACTS AS A SUPPORT FOR OTHER SYSTEMS OR SERVICES RELATED TO THE WORKING ENVIRONMENT. RA SPECIAL PROJECTS PROVIDES A RANGE OF ACCESSORIES AND INTEGRATED SYSTEMS, WHOSE PURPOSE IS TO IMPROVE THE QUALITY OF LIFE OF ANY INTERIOR ENVIRONMENT BY SATISFYING ALL OF THE END USER’S SPECIFIC NEEDS.

IN VIRTUE OF ITS CLOSE COLLABORATION WITH FIRST-RATE SUPPLIERS, ARTEMIDE IS ABLE TO OFFER SOLUTIONS AND EQUIPMENT SUITABLE FOR ALL TYPES OF PROJECTS.
### RA SYSTEM BASE STRUCTURE 400MM WITHOUT TRACK

<table>
<thead>
<tr>
<th>CODE</th>
<th>VERSION</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS80300</td>
<td>non dimmable</td>
<td>2080mm (2x28W)</td>
<td>11,65kg</td>
</tr>
<tr>
<td>LS80400</td>
<td>non dimmable</td>
<td>2380mm (2x35W)</td>
<td>12,80kg</td>
</tr>
<tr>
<td>LS80900</td>
<td>dimmable DALI</td>
<td>2080mm (2x28W)</td>
<td>11,65kg</td>
</tr>
<tr>
<td>LS81000</td>
<td>dimmable DALI</td>
<td>2380mm (2x35W)</td>
<td>12,80kg</td>
</tr>
</tbody>
</table>

### RA SYSTEM BASE STRUCTURE 600MM WITHOUT TRACK

<table>
<thead>
<tr>
<th>CODE</th>
<th>VERSION</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS60300</td>
<td>non dimmable</td>
<td>2080mm (2x28W)</td>
<td>19,40kg</td>
</tr>
<tr>
<td>LS60400</td>
<td>non dimmable</td>
<td>2380mm (2x35W)</td>
<td>19,70kg</td>
</tr>
<tr>
<td>LS62300</td>
<td>non dimmable</td>
<td>2080mm (4x28W)</td>
<td>20,50kg</td>
</tr>
<tr>
<td>LS62400</td>
<td>non dimmable</td>
<td>2380mm (4x35W)</td>
<td>20,80kg</td>
</tr>
<tr>
<td>LS60900</td>
<td>dimmable DALI</td>
<td>2080mm (2x28W)</td>
<td>19,40kg</td>
</tr>
<tr>
<td>LS61000</td>
<td>dimmable DALI</td>
<td>2380mm (2x35W)</td>
<td>19,70kg</td>
</tr>
<tr>
<td>LS62900</td>
<td>dimmable DALI</td>
<td>2080mm (4x28W)</td>
<td>20,50kg</td>
</tr>
<tr>
<td>LS63000</td>
<td>dimmable DALI</td>
<td>2380mm (4x35W)</td>
<td>20,80kg</td>
</tr>
</tbody>
</table>

### RA SYSTEM BASE STRUCTURE 600MM WITH 3-CIRCUIT TRACK

<table>
<thead>
<tr>
<th>CODE</th>
<th>VERSION</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>LS60700</td>
<td>non dimmable</td>
<td>2080mm (2x28W)</td>
<td>21,00kg</td>
</tr>
<tr>
<td>LS60800</td>
<td>non dimmable</td>
<td>2380mm (2x35W)</td>
<td>21,30kg</td>
</tr>
<tr>
<td>LS62700</td>
<td>non dimmable</td>
<td>2080mm (4x28W)</td>
<td>22,00kg</td>
</tr>
<tr>
<td>LS62800</td>
<td>non dimmable</td>
<td>2380mm (4x35W)</td>
<td>22,50kg</td>
</tr>
<tr>
<td>LS61100</td>
<td>dimmable DALI</td>
<td>2080mm (2x28W)</td>
<td>21,00kg</td>
</tr>
<tr>
<td>LS61200</td>
<td>dimmable DALI</td>
<td>2380mm (2x35W)</td>
<td>21,30kg</td>
</tr>
<tr>
<td>LS63100</td>
<td>dimmable DALI</td>
<td>2080mm (4x28W)</td>
<td>22,00kg</td>
</tr>
<tr>
<td>LS63200</td>
<td>dimmable DALI</td>
<td>2380mm (4x35W)</td>
<td>22,50kg</td>
</tr>
</tbody>
</table>

*Notes:*
- **CODE** indicates the component code.
- **VERSION** specifies whether it is non-dimmable or dimmable DALI.
- **LENGTH** denotes the length options available.
- **WEIGHT** provides the weight of each variant.
**RA SYSTEM DIRECT DARK LIGHT OPTIC**

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>L564200</td>
<td>T16 (G5) 1x28W</td>
<td>2,00kg</td>
</tr>
<tr>
<td>L564300</td>
<td>T16 (G5) 1x35W</td>
<td>2,50kg</td>
</tr>
</tbody>
</table>

**RA SYSTEM DIRECT/INDIRECT DARK LIGHT OPTIC**

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>L565000</td>
<td>T16 (G5) 1x28W</td>
<td>2,00kg</td>
</tr>
<tr>
<td>L565100</td>
<td>T16 (G5) 1x35W</td>
<td>2,50kg</td>
</tr>
</tbody>
</table>

**RA SYSTEM DIRECT DIFFUSER OPTIC**

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>L565800</td>
<td>T16 (G5) 1x28W</td>
<td>2,00kg</td>
</tr>
<tr>
<td>L565900</td>
<td>T16 (G5) 1x35W</td>
<td>2,50kg</td>
</tr>
</tbody>
</table>

**RA SYSTEM DIRECT/INDIRECT DIFFUSER OPTIC**

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>L566600</td>
<td>T16 (G5) 1x28W</td>
<td>2,00kg</td>
</tr>
<tr>
<td>L566700</td>
<td>T16 (G5) 1x35W</td>
<td>2,50kg</td>
</tr>
</tbody>
</table>

Photometric data: see page 435.
RA SYSTEM INDIRECT ASYMMETRICAL OPTIC

**T16 (G5)**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>L567800</td>
<td>T16 (G5) 1x28W + 1x28W</td>
<td>4.00kg</td>
</tr>
<tr>
<td>L567900</td>
<td>T16 (G5) 1x35W + 1x35W</td>
<td>5.00kg</td>
</tr>
</tbody>
</table>

**IP20**

**metal grey**

**RA SYSTEM ACCESSORIES**

- **End cap.**
  - L57500 For RA SYSTEM 400mm.
  - L57100 For RA SYSTEM 600mm.

- **End panel in microperforated steel.**
  - 285mm.
  - L575100 For RA SYSTEM 400mm.
  - L570100 For RA SYSTEM 600mm.

- **Mid panel in microperforated steel.**
  - 580mm.
  - L575200 For RA SYSTEM 400mm.
  - L570200 For RA SYSTEM 600mm.

- **Optic compartment cover (set of 2).**
  - L572400 28W.
  - L572500 35W.

- **Upper cable duct.**
  - L57110 End cap.
  - L571140 28W mid.
  - L571150 35W mid.
  - L573300 Mid connector.
  - L573400 End cap 2 pieces.

- **Duct cover.**
  - L571210 Terminal.
  - L571240 28W mid.
  - L571250 35W mid.

**photometric data: see page 435.**

- **L570900** Mid element for module connection (set of 2).

- **L572600** Track live end + end cap for RA SYSTEM 600mm.

- **L572700** Mid track connector (set of 2) for RA SYSTEM 600mm.

- **L571700** Steel suspension cable. 2000mm.

- **L571800** Adjustable 4 wires suspension kit (for 1 module). 2000mm.

- **L571600** Power supply rose, with feed cable (5x1,5mm²). Ø120mm.
ORION SYSTEM

design S. & R. CORNELISSEN

ORION SYSTEM
• MODULAR PENDANT SYSTEM WITH INDIRECT LIGHTING USING T16 FLUORESCENT LAMPS.
• EXTRUDED ALUMINUM BODY WITH WHITE PAINT FINISH.
• CONTINUOUS LINEAR MOUNTING OR WITH 90° CONNECTORS (INTERNAL AND EXTERNAL ANGLES).
• EXTRUDED ALUMINUM END CAPS (PROVIDED WITH STEEL CABLE SUSPENSION SET).
• ELECTRONIC BALLAST, WITH OR WITHOUT DIMMING (DALI-SWITCHDIM).
• EMERGENCY LIGHTING AS AN OPTIONAL EXTRA.
• POLYCARBONATE DUST-PROTECTION COVER.
• QUICK ADJUSTMENT 2.5-METER LONG STEEL SUSPENSION CABLES.
• COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

ORION PROJECTORS
• ADJUSTABLE SPOTLIGHTS USING QR111/12V HALOGEN OR HIR111 METAL HALIDE LAMPS.
• AVAILABLE IN MONO OR DUO KIT, THEY COME COMPLETE WITH CABLES AND ELECTRONIC CONTROL GEAR.
• INSTALLED BY SIMPLE CLIPPING ONTO A BUILT IN MECHANICAL TRACK.
• TILT ANGLE OF UP TO 60°, ROTATION OF UP TO 180°.
• EACH ORION SYSTEM MODULE CAN TAKE 1 OR 2 KITS (OR 1 TO 4 SPOTLIGHTS).
• COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
ORION SYSTEM
**ORION SYSTEM**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M177520</td>
<td>T16 (G5) 2x54W non dimmable</td>
<td>5,00kg</td>
</tr>
<tr>
<td>M177527</td>
<td>T16 (G5) 2x54W non dimmable + emergency 1h</td>
<td>5,80kg</td>
</tr>
<tr>
<td>M177521</td>
<td>T16 (G5) 2x54W dimmable DALI</td>
<td>5,00kg</td>
</tr>
</tbody>
</table>

photometric data: see page 434.

**ORION SYSTEM COMPONENTS**

- **M178020** 90° internal corner. Unwired.
- **M178120** 90° external corner. Unwired.
- **M178420** Set of steel suspension cables. 1200mm long.
- **M178520** Power feed cable 1200mm long. Ceiling plate Ø100mm. 5 wires. 5x1,5mm².

**INTERACTIVE-DALI TECHNOLOGY**

- End cap. 102x230mm. Includes 1 set of steel suspension cables 1200mm long. left.
- right.
  - white

**ORION PROJECTOR KIT**

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>VERSION</th>
<th>CLASS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1735.0</td>
<td>QR111 (G53) 12V 1xmax100W</td>
<td>Single projector</td>
<td></td>
<td>0,70kg</td>
</tr>
<tr>
<td>M1737.0</td>
<td>HIR111-CE-P (GX8,5) 1x70W</td>
<td>Single projector</td>
<td></td>
<td>0,70kg</td>
</tr>
<tr>
<td>M1738.0</td>
<td>HIR111-CE-P (GX8,5) 2x35W</td>
<td>Double projector</td>
<td></td>
<td>1,00kg</td>
</tr>
</tbody>
</table>

Kit comes prewired, with electronic power supply.
SINGLE PENDANT WITH INDIRECT LIGHTING USING 4X55W TC-LEL FLUORESCENT LAMPS.
EXTRUDED ALUMINIUM BODY WITH WHITE PAINT FINISH.
OPTIONAL ACCENT LIGHTING SPOTLIGHTS USING QR111/12V HALOGEN OR HIR111 METAL-HALIDE LAMPS.
AVAILABLE IN MONO OR DUO KIT, THESE SPOTLIGHTS COME COMPLETE WITH CABLES AND ELECTRONIC CONTROL GEAR.
EACH PENDANT CAN TAKE 1 TO 8 SPOTS (OR 1 TO 4 KITS) INSTALLED BY SIMPLE CLIPPING ONTO A BUILT IN MECHANICAL TRACK.
LIGHT OUTPUT RATIO: 60%.
ELECTRONIC BALLAST OR DALI-SWITCHDIM DIMMABLE ELECTRONIC BALLAST, AND EMERGENCY LIGHTING.
LUMINAIRE COMES COMPLETE WITH 4 QUICK-ADJUSTMENT STEEL SUSPENSION CABLES 4 METRES IN LENGTH, CEILING PLATE AND POWER CABLE.
COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
**ORION SUSPENSION**

TC-LEL (2G11)

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>VERSION</th>
<th>CLASS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M173020</td>
<td>TC-LEL (2G11) 4x55W non dimmable</td>
<td></td>
<td></td>
<td>15,50kg</td>
</tr>
<tr>
<td>M173027</td>
<td>TC-LEL (2G11) 4x55W non dimmable + emergency 1h</td>
<td></td>
<td></td>
<td>16,10kg</td>
</tr>
<tr>
<td>M173021</td>
<td>TC-LEL (2G11) 4x55W dimmable DALI</td>
<td></td>
<td></td>
<td>15,50kg</td>
</tr>
</tbody>
</table>

Photometric data: see page 434.

**ORION PROJECTOR KIT**

QR111 (G53)

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>VERSION</th>
<th>CLASS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M1735.0</td>
<td>QR111 (G53) 12V 1xmax100W</td>
<td>Single projector</td>
<td></td>
<td>0,70kg</td>
</tr>
<tr>
<td>M1737.0</td>
<td>HIR111-CE-P (GX8,5) 1x70W</td>
<td>Single projector</td>
<td></td>
<td>0,70kg</td>
</tr>
<tr>
<td>M1738.0</td>
<td>HIR111-CE-P (GX8,5) 2x35W</td>
<td>Double projector</td>
<td></td>
<td>1,00kg</td>
</tr>
</tbody>
</table>

Kit comes prewired, with electronic power supply.

**ORION SUSPENSION ACCESSORIES**

INTERACTIVE-DALI TECHNOLOGY

INTERACTIVE-DALI components: see page 409.
MIX SYSTEM
design BRUNO HOUSSIN & ALAIN GIROT
MULTI-SOURCE MODULAR PENDANT SYSTEM USING 12V HALOGEN, METAL-HALIDE AND COMPACT FLUORESCENT LAMPS.

THE SUPPORTING STRUCTURE IS COMPRISED OF 2 PARALLEL LINEAR PROFILES MADE OF EXTRUDED ALUMINIUM, LENGTH 2040MM, WITH A LIGHT GREY PAINT FINISH. ONE OF THE PROFILES IS INTENDED TO HOST THE MAINS POWER SUPPLY CABLES, WHILST THE OTHER ACTS AS HOST TO AUXILIARY CIRCUITS ALLOWING FOR SERVICES LIKE AUDIO, VIDEO, COMPUTER, SMOKE DETECTOR, ETC.

STEEL LIGHTING MODULES WITH ANTHRACITE GREY PAINT FINISH, AVAILABLE IN 330MM OR 670MM LENGTHS DEPENDING ON THE LIGHT SOURCES. THEY CAN BE INSTALLED FREELY AT ANY POINT ON THE STRUCTURE DEPENDING ON THE LIGHTING SOLUTION REQUIRED.

INTEGRAL CONTROL GEAR.

SUSPENSION ROD FOR SIGNAL PANELS AVAILABLE AS AN OPTIONAL EXTRA.

SUSPENSION CABLES, POWER CABLES, LINEAR OR 90° CONNECTORS AND DECORATIVE END CAPS TO BE ORDERED SEPARATELY.

COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
### MIX SYSTEM STRUCTURE

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M130090</td>
<td>Structure 2 pieces</td>
<td>5.30kg</td>
</tr>
</tbody>
</table>

### MIX SYSTEM MODULES INDIRECT EMISSION

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M133190</td>
<td>TC-LEL (2G11) 2x55W</td>
<td>6.50kg</td>
</tr>
</tbody>
</table>

### MIX SYSTEM MODULES DIRECT DIFFUSED EMISSION

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M133090</td>
<td>TC-LEL (2G11) 2x55W</td>
<td>7.30kg</td>
</tr>
</tbody>
</table>

Sanded glass diffuser.

Photometric data: see page 433.
### MIX SYSTEM SPOTLIGHTING MODULES

#### HIT-CE (G12)

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M132290</td>
<td>HIT-CE (G12) 1x70W ferromagnetic ballast</td>
<td>7,00kg</td>
</tr>
<tr>
<td>M132390</td>
<td>HIT-CE (G12) 1x70W electronic ballast</td>
<td>5,80kg</td>
</tr>
</tbody>
</table>

#### HIT-CE (G12)

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M131490</td>
<td>HIT-CE (G12) 2x70W ferromagnetic ballast</td>
<td>10,80kg</td>
</tr>
<tr>
<td>M131590</td>
<td>HIT-CE (G12) 2x70W electronic ballast</td>
<td>9,60kg</td>
</tr>
</tbody>
</table>

#### QR111 (G53)

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M132690</td>
<td>QR111 (G53) 12V 2xmax50W</td>
<td>4,70kg</td>
</tr>
</tbody>
</table>

Integral electronic transformer. Dimmable by trailing edge external dimmers.

#### QR111 (G53)

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M132790</td>
<td>QR111 (G53) 12V 4xmax50W</td>
<td>7,60kg</td>
</tr>
</tbody>
</table>

Integral electronic transformer. Dimmable by trailing edge external dimmers.
**MIX SYSTEM** SPOTLIGHTING MODULES

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M133390</td>
<td>HIT-CE (G12) 1x70W ferromagnetic ballast + QR111 (G53) 12V 2xmax50W</td>
<td>9,20kg</td>
</tr>
<tr>
<td>M133290</td>
<td>HIT-CE (G12) 1x70W electronic ballast + QR111 (G53) 12V 2xmax50W</td>
<td>8,90kg</td>
</tr>
</tbody>
</table>

Halogen equipment with integral electronic transformer. Dimmable by trailing edge external dimmers.

---

**MIX SYSTEM** COMPONENTS

- **Decorative end cap (set of 2).** 80x85x40mm.
  - Code: M130490
  - Weight: 8,4 kg
  - Material: grey

- **Linear connector (set of 2).**
  - Code: M130190
  - Weight: 70 kg

- **L-shaped connector.** 2,30kg.
  - Code: M130690
  - Weight: 497 kg
  - Material: grey

- **Suspension set with steel wires.**
  - Code: M130290
  - Weight: 30,5 kg

- **Suspension set with power feed cable (5x1,5mm²).**
  - Code: M130390
  - Weight: 584 kg

- **Suspension set for signal panels.**
  - Code: M130590
  - Weight: 589 kg

---

**MIX SYSTEM**

Photometric data: see page 433.
• With its unusual flowing design that gives the illusion that it shifts and changes shape depending on the angle of view, TWIST is a pendant light using T16-seamless fluorescent tubes.
• The luminaire consists of a one-piece rotomoulded opaline diffuser in polyethylene and ballast-holder in extruded aluminium.
• Lamp maintenance is particularly easy: lamps are accessed individually from above for each side without the need to remove the diffuser.
• Electronic and dimmable electronic control gear (DALI).
• Quick adjustment 6m long steel suspension cables.
• Thanks to the use of a specific mechanical connector that can be attached to one or more corners of the luminaire, various light shapes can be created: in line, clusters or in a random pattern.
• Light sources to be ordered separately.
• Complies with standard EN60598-1 and other specific standards.
TWIST

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M240100</td>
<td>T16-SLS 8x54W</td>
<td>16.00kg</td>
</tr>
<tr>
<td>M240101</td>
<td>T16-SLS 8x28–54W, dimmable DALI</td>
<td>16.00kg</td>
</tr>
</tbody>
</table>

photometric data: see page 435.

TWIST LIGHT SOURCES

Fluorescent tube T16-SEAMLESS (G5) (1 piece).

- M004800 54W (3000K).
- M004805 54W (4000K).
- M004810 28W (3000K).
- M004815 28W (4000K).
• SINGLE PENDANT LUMINAIRE WITH DIFFUSED LIGHTING USING 54W T16-SEAMLESS FLUORESCENT LAMPS.
• 2 LENGTH OPTIONS: 2400MM (2x54W) AND 4800MM (4x54W).
• CONTINUOUS SOLID DIFFUSER IN OPAQUE POLYCARBONATE.
• STRUCTURE MADE FROM EXTRUDED ALUMINIUM.
• T16-SEAMLESS EQUIPMENT PERFORMS A UNIFORM LIGHT EMISSION WITHOUT SHADOWS.
• A SIMPLE LOCKING/UNLOCKING SYSTEM WITH SMART HINGE ALLOWS FOR AN EASY LAMP MAINTENANCE.
• ELECTRONIC BALLAST OR DALI-SWITCHDIM DIMMABLE MULTIWATT ELECTRONIC BALLAST.
• LUMINAIRE COMES COMPLETE WITH 6M LONG QUICK-ADJUSTMENT STEEL SUSPENSION CABLES, CEILING PLATE AND POWER CABLE.
• COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
ABSOLU

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M113300</td>
<td>T16-SEAMLESS (G5) 2x54W non dimmable</td>
<td>2466mm</td>
<td>9.50kg</td>
</tr>
<tr>
<td>M113301</td>
<td>T16-SEAMLESS (G5) 2x28-54W dimmable DALI</td>
<td>2456mm</td>
<td>9.50kg</td>
</tr>
<tr>
<td>M113400</td>
<td>T16-SEAMLESS (G5) 4x54W non dimmable</td>
<td>4830mm</td>
<td>18.50kg</td>
</tr>
<tr>
<td>M113401</td>
<td>T16-SEAMLESS (G5) 4x28-54W dimmable DALI</td>
<td>4830mm</td>
<td>18.50kg</td>
</tr>
</tbody>
</table>

**ABSOLU LIGHT SOURCES**

Fluorescent tube T16-SEAMLESS (G5) (1 piece).

- M004800  54W (3000K).
- M004805  54W (4000K).

Photometric data: see page 431.
MOUETTE

- SINGLE PENDANT WITH DIFFUSED LIGHTING USING 24W AND 54W T16 FLUORESCENT LAMPS.
- SOLID OPALINE DIFFUSER IN MOULDED POLYPROPYLENE, AVAILABLE IN 2 VERSIONS: SYMMETRICAL OR ASYMMETRICAL.
- LIGHT OUTPUT RATIO: 55%.
- LIGHT DISTRIBUTION: 74% DIRECT AND 26% INDIRECT.
- ELECTRONIC OR DSI DIMMABLE ELECTRONIC BALLAST.
- THE UPPER PART HAS AN OPENING FOR EASY INSTALLATION AND MAINTENANCE.
- LUMINAIRE COMES COMPLETE WITH 2M OR 6M LONG QUICK-ADJUSTMENT STEEL SUSPENSION CABLES, CEILING PLATE AND POWER CABLE.
- T16 LIGHT SOURCES INCLUDED (3000K).
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
MOUETTE ASYMMETRICAL

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Height</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>L860410</td>
<td>T16 (G5) 2x24W + 2x54W non dimmable</td>
<td>max.1900mm</td>
<td>6,80kg</td>
</tr>
<tr>
<td>L860450</td>
<td>T16 (G5) 2x24W + 2x54W non dimmable</td>
<td>max.5900mm</td>
<td>6,90kg</td>
</tr>
<tr>
<td>L860510</td>
<td>T16 (G5) 2x24W + 2x54W dimmable DSI</td>
<td>max.1900mm</td>
<td>6,80kg</td>
</tr>
<tr>
<td>L860550</td>
<td>T16 (G5) 2x24W + 2x54W dimmable DSI</td>
<td>max.5900mm</td>
<td>6,90kg</td>
</tr>
</tbody>
</table>

Light sources (3000K) included.

Lighting data: see page 433.

MOUETTE SYMMETRICAL

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Height</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>L860610</td>
<td>T16 (G5) 4x24W non dimmable</td>
<td>max.1900mm</td>
<td>5,40kg</td>
</tr>
<tr>
<td>L860650</td>
<td>T16 (G5) 4x24W non dimmable</td>
<td>max.5900mm</td>
<td>5,50kg</td>
</tr>
<tr>
<td>L860710</td>
<td>T16 (G5) 4x24W dimmable DSI</td>
<td>max.1900mm</td>
<td>5,40kg</td>
</tr>
<tr>
<td>L860750</td>
<td>T16 (G5) 4x24W dimmable DSI</td>
<td>max.5900mm</td>
<td>5,50kg</td>
</tr>
</tbody>
</table>

Light sources (3000K) included.

Lighting data: see page 434.
MOUETTE MINI

NEW

- SINGLE PENDANT WITH DIFFUSED LIGHTING USING 2x36W COMPACT FLUORESCENT LAMPS.
- SOLID OPALINE DIFFUSER IN MOULDED POLYPROPYLENE.
- LIGHT OUTPUT RATIO: 74%.
- LIGHT DISTRIBUTION: 74% DIRECT AND 26% INDIRECT.
- ELECTRONIC BALLAST LOCATED IN A SPECIFIC POWER-SUPPLY HOLDER IN INJECTION MOULDED THERMOPLASTIC MATERIAL.
- THE UPPER PART HAS AN OPENING FOR EASY INSTALLATION AND MAINTENANCE.
- LUMINAIRE COMES COMPLETE WITH 2M LONG QUICK-ADJUSTMENT STEEL SUSPENSION CABLES.
- LIGHT SOURCES INCLUDED (3000K).
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
MOUETTE MINI

Light sources (3000K) included.

Photometric data: see page 434.
**Kao Suspension**

- Series of suspended lighting structures with indirect lighting using 24W and 54W T16 fluorescent lamps, intended for the illumination of spaces such as entrance halls, reception areas, corridors, meeting rooms, etc.
- 4 standard versions.
- Luminaires are made from aluminium with white paint finish.
- 40x40mm square section modules.
- Each structure is composed of pre-assembled and pre-wired sub-units.
- Electrical connection is made via quick connectors.
- Electronic control gear.
- 6m long steel suspension cable.
- Dust protection screen in transparent polycarbonate.
- The kits are delivered with a drilling stencil for placing the ceiling fixing points.
- Complies with standard EN60598-1 and other specific standards.

**Metropolitan Expo, Athens (GR), Stage Design Office.**
KAO SUSPENSION KIT A

T16 (G5)  

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M119120</td>
<td>T16 (G5) 2x24W + 2x54W</td>
<td>12,50kg</td>
</tr>
</tbody>
</table>

photometric data: see page 433.

KAO SUSPENSION KIT B

T16 (G5)  

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M119220</td>
<td>T16 (G5) 1x24W + 1x54W</td>
<td>10,70kg</td>
</tr>
</tbody>
</table>

photometric data: see page 433.

KAO SUSPENSION KIT C

T16 (G5)  

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M119320</td>
<td>T16 (G5) 2x54W</td>
<td>8,80kg</td>
</tr>
</tbody>
</table>

photometric data: see page 433.

KAO SUSPENSION KIT D

T16 (G5)  

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M119420</td>
<td>T16 (G5) 2x54W</td>
<td>8,80kg</td>
</tr>
</tbody>
</table>

photometric data: see page 433.
SERIES OF WALL- OR CEILING-MOUNTED LIGHTING STRUCTURES WITH INDIRECT LIGHTING USING 24W AND 54W T16 FLUORESCENT LAMPS, INTENDED FOR THE ILLUMINATION OF SPACES SUCH AS ENTRANCE HALLS, RECEPTION AREAS, CORRIDORS, MEETING ROOMS, ETC.

- 3 STANDARD VERSIONS.
- LUMINAIRES ARE MADE FROM ALUMINUM WITH WHITE PAINT FINISH.
- 40x40MM SQUARE SECTION MODULES.
- DISTANCE TO WALL OR CEILING: 160MM.
- EACH STRUCTURE IS COMPOSED OF PRE-ASSEMBLED AND PRE-WIRED SUB-UNITS.
- ELECTRICAL CONNECTION IS MADE VIA QUICK CONNECTORS.
- ELECTRONIC CONTROL GEAR.
- DUST PROTECTION SCREEN IN TRANSPARENT POLYCARBONATE.
- THE KITS ARE DELIVERED WITH A DRILLING STENCIL FOR PLACING THE FIXING POINTS.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
**KAO WALL/CEILING KIT E**

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M113020</td>
<td>T16 (G5) 4x54W</td>
<td>16,00kg</td>
</tr>
</tbody>
</table>

Photometric data: see page 428 and 438.

---

**KAO WALL/CEILING KIT F**

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M113120</td>
<td>T16 (G5) 3x54W + 2x24W</td>
<td>16,00kg</td>
</tr>
</tbody>
</table>

Photometric data: see page 428 and 438.

---

**KAO WALL/CEILING KIT G**

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M113220</td>
<td>T16 (G5) 6x54W + 2x24W</td>
<td>25,70kg</td>
</tr>
</tbody>
</table>

Photometric data: see page 428 and 438.
ELIO

design MICHEL TORTEL

- SINGLE PENDANT WITH DIRECT LIGHTING, USING 70W AND 150W METAL-HALIDE OR 300W HALOGEN LAMPS.
- DIE-CAST ALUMINIUM BODY WITH GREY PAINT FINISH.
- PROTECTIVE GLASS.
- FERROMAGNETIC CONTROL GEAR.
- OPTIONAL LOUVRE GRID.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
**ELIO 315**

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>L853000</td>
<td>HIT-DE-CE-h45 (RX7s) 1x70W</td>
<td>5.4kg</td>
</tr>
<tr>
<td>L853100</td>
<td>HIT-DE-CE-h45 (RX7s) 1x150W</td>
<td>5.85kg</td>
</tr>
<tr>
<td>L853200</td>
<td>QT-DE12 (R7s) 1x300W</td>
<td>4.45kg</td>
</tr>
</tbody>
</table>

*Photometric data: see page 432.*

**ELIO 180**

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>L854000</td>
<td>QT-DE12 (R7s) 1x300W</td>
<td>3.25kg</td>
</tr>
</tbody>
</table>

*Photometric data: see page 432.*

**ELIO ACCESSORY**

- **L858330** Honeycomb grid.

*Photometric data: see page 432.*
COVER
design FORMAT DESIGN STUDIO
A RANGE OF WALL RECESSED LUMINAires USING COMPACT AND LINEAR FLuorescent LAMPS, AND LEDs.

TWO LIGHTING OPTIONS: DIFFUSER AND ASYMMETRICAL EMISSION OPTICS WITH VERTICAL OR HORIZONTAL MOUNTING.

5 SIZE OPTIONS DEPENDING ON THE LIGHT SOURCE: 100x100, 100x250, 250x250, 100x600 AND 100x1200MM.

BODY CONSISTING OF A STEEL RECESSING CASING (60MM DEEP) AND AN EXTRUDED ALUMINIUM FRAME THAT REQUIRES A FINISH COAT OF PLASTER.

4MM THICK TEMPERED GLASS: OPALINE FINISH WITH DIFFUSER VERSION, SILKSCREEN-PRINTED WITH ASYMMETRICAL VERSION.

LAMPS CAN BE MAINTAINED BY REMOVING THE GLASS BY MEANS OF A SUCTION-GRIP DEVICE PROVIDED WITH THE LUMINAIRE.

NOT SUITABLE FOR CEILING MOUNTING.

ELECTRONIC CONTROL GEAR.

OPTIONAL RECESSING BOX FOR INSTALLATION IN CONCRETE WALLS.

COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
## COVER ASYMMETRICAL SQUARE

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M185500</td>
<td>LED 3W COOL WHITE 5000K</td>
<td>100x100mm</td>
<td>1,30kg</td>
</tr>
<tr>
<td>M185600</td>
<td>TC-LEL (2G11) 1x18W</td>
<td>250x250mm</td>
<td>2,90kg</td>
</tr>
</tbody>
</table>

*IP20= recessed part / IP44= external part.

## COVER ASYMMETRICAL VERTICAL

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M186600</td>
<td>LED 3W COOL WHITE 5000K</td>
<td>100x600mm</td>
<td>3,20kg</td>
</tr>
</tbody>
</table>

## COVER ASYMMETRICAL HORIZONTAL

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M185900</td>
<td>T16 (G5) 1x24W</td>
<td>100x600mm</td>
<td>3,20kg</td>
</tr>
<tr>
<td>M186000</td>
<td>T16 (G5) 1x54W</td>
<td>100x1200mm</td>
<td>5,70kg</td>
</tr>
</tbody>
</table>

*IP20= recessed part / IP44= external part.

### Technical Specifications
- Cover dimensions:
  - **960° IP44/20**
  - **Photometric data: see page 436.**

---

**Cover Asymmetrical Square**

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M185500</td>
<td>LED 3W COOL WHITE 5000K</td>
<td>100x100mm</td>
<td>1,30kg</td>
</tr>
<tr>
<td>M185600</td>
<td>TC-LEL (2G11) 1x18W</td>
<td>250x250mm</td>
<td>2,90kg</td>
</tr>
</tbody>
</table>

*IP20= recessed part / IP44= external part.

**Cover Asymmetrical Vertical**

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M186600</td>
<td>LED 3W COOL WHITE 5000K</td>
<td>100x600mm</td>
<td>3,20kg</td>
</tr>
</tbody>
</table>

**Cover Asymmetrical Horizontal**

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M185900</td>
<td>T16 (G5) 1x24W</td>
<td>100x600mm</td>
<td>3,20kg</td>
</tr>
<tr>
<td>M186000</td>
<td>T16 (G5) 1x54W</td>
<td>100x1200mm</td>
<td>5,70kg</td>
</tr>
</tbody>
</table>

*IP20= recessed part / IP44= external part.
COVER DIFFUSER

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>DIMENSIONS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M185000</td>
<td>LED 3W COOL WHITE 5000K</td>
<td>100x100mm</td>
<td>1,10kg</td>
</tr>
<tr>
<td>M185100</td>
<td>TC-LEL (2G11) 1x18W</td>
<td>100x250mm</td>
<td>1,70kg</td>
</tr>
<tr>
<td>M185200</td>
<td>TC-LEL (2G11) 2x18W</td>
<td>250x250mm</td>
<td>2,50kg</td>
</tr>
<tr>
<td>M185300</td>
<td>T16 (G5) 1x24W</td>
<td>100x600mm</td>
<td>2,60kg</td>
</tr>
<tr>
<td>M185400</td>
<td>T16 (G5) 1x54W</td>
<td>100x1200mm</td>
<td>4,70kg</td>
</tr>
</tbody>
</table>

Recessing box for concrete walls.

- M186100 For COVER 100x100mm. 183x183mm.
- M186500 For COVER 250x250mm. 333x333mm.
- M186200 For COVER 100x250mm. 183x333mm.
- M186300 For COVER 100x600mm. 183x683mm.
- M186400 For COVER 100x1200mm. 183x1283mm.

COVER ACCESSORIES

photometric data: see page 436.
NULLA

design FORMAT DESIGN STUDIO

- RECESSED UNIT WITH INDIRECT LIGHTING WITH T16 FLUORESCENT LIGHT SOURCE, AND PATHLIGHTING WITH COLORED LEDS.
- BODY CONSISTING OF A LOW-DEPTH RECESSING CASING (ONLY 50MM DEEP) TO BE SEALED IN THE WALL, AND A MOTORIZED OPENING SHUTTER.
- RECESSING CASING MADE OF STEEL AND FITTED WITH AN EXTRUDED ALUMINUM FRAME THAT REQUIRES A FINISH COAT OF PLASTER.
- 2 SIZE OPTIONS DEPENDING ON THE LIGHT SOURCE: 210x610MM (24W T16), AND 210x1210MM (54W T16).
- ELECTRONIC CONTROL GEAR.
- INCLUDES LED LAMPS AND 230-240V DRIVER UNIT.
- OPTIONAL RECESSION BOX FOR INSTALLATION IN CONCRETE WALLS.
- NOT SUITABLE FOR CEILING MOUNTING.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
**NULLA 610**

Code | Light Source | LED Colour | Weight
--- | --- | --- | ---
M184020 | T16 (G5) 1x24W non-dimmable + LED 3W | amber | 4.9kg
M184120 | T16 (G5) 1x24W non-dimmable + LED 3W | red | 4.9kg
M184220 | T16 (G5) 1x24W non-dimmable + LED 3W | green | 4.9kg
M184320 | T16 (G5) 1x24W non-dimmable + LED 3W | blue | 4.9kg

**NULLA 1210**

Code | Light Source | LED Colour | Weight
--- | --- | --- | ---
M184420 | T16 (G5) 1x54W non-dimmable + LED 3W | amber | 9.5kg
M184520 | T16 (G5) 1x54W non-dimmable + LED 3W | red | 9.5kg
M184620 | T16 (G5) 1x54W non-dimmable + LED 3W | green | 9.5kg
M184720 | T16 (G5) 1x54W non-dimmable + LED 3W | blue | 9.5kg

**NULLA ACCESSORIES**

Recessing box for concrete walls.

- M184800  For NULLA 610.  298x684mm.
- M184900  For NULLA 1210.  298x1284mm.
TRAFFIC SYSTEM

design NEIL POULTON
WALL LIGHTING SYSTEM USING 28W AND 35W T16 FLUORESCENT LAMPS.

ITS AESTHETIC CHARACTER AND HIGH LEVEL OF PERSONALIZATION MAKE IT SUITABLE FOR THE ILLUMINATION AND HIGHLIGHTING OF ZONES OF CIRCULATION SUCH AS HOTEL, HOSPITAL OR OFFICE BUILDING CORRIDORS, ENTRANCE HALLS, WAITING ROOMS, ETC.

PAINTED STEEL STRUCTURE, FRONT FASCIA IN EXTRUDED ALUMINIUM WITH A WHITE OR GREY PAINT FINISH.

2 LENGTH OPTIONS: 1180MM AND 1480MM.

3 VERSIONS: FULL FRONT FASCIA WITH NO CUT-OUTS (TRAFFIC STANDARD), FRONT FASCIA WITH ELLIPTICAL CUT-OUTS AND OPALINE OR BLUE FILTER (TRAFFIC ELLIPSE), CUSTOMIZED FRONT FASCIA WITH CUT-OUT COMPANY LOGOS, SYMBOLS OR THE SUCHLIKE (TRAFFIC SIGNATURE).

ELECTRONIC BALLAST.

COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
### TRAFFIC SYSTEM STANDARD

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0922.0</td>
<td>T16 (G5) 1x28W</td>
<td>1180mm</td>
<td>2.30kg</td>
</tr>
<tr>
<td>M0923.0</td>
<td>T16 (G5) 1x35W</td>
<td>1480mm</td>
<td>3.00kg</td>
</tr>
</tbody>
</table>

### TRAFFIC SYSTEM ELLIPSE

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Length</th>
<th>Filter Colour</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0924.0</td>
<td>T16 (G5) 1x28W</td>
<td>1180mm</td>
<td>blue</td>
<td>2.30kg</td>
</tr>
<tr>
<td>M0925.0</td>
<td>T16 (G5) 1x28W</td>
<td>1180mm</td>
<td>opaline</td>
<td>2.30kg</td>
</tr>
<tr>
<td>M0926.0</td>
<td>T16 (G5) 1x35W</td>
<td>1480mm</td>
<td>blue</td>
<td>3.00kg</td>
</tr>
<tr>
<td>M0927.0</td>
<td>T16 (G5) 1x35W</td>
<td>1480mm</td>
<td>opaline</td>
<td>3.00kg</td>
</tr>
</tbody>
</table>

### TRAFFIC SYSTEM SIGNATURE

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Length</th>
<th>Filter Colour</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0932.0</td>
<td>T16 (G5) 1x28W</td>
<td>1180mm</td>
<td>on request</td>
<td>2.30kg</td>
</tr>
<tr>
<td>M0933.0</td>
<td>T16 (G5) 1x35W</td>
<td>1480mm</td>
<td>on request</td>
<td>3.00kg</td>
</tr>
</tbody>
</table>

### TRAFFIC SYSTEM ACCESSORY

End plate (1 piece).
SQUARE
design A+A COOREN

- WALL LAMP WITH INDIRECT LIGHTING USING 300W HALOGEN AND 18W TC-DEL FLUORESCENT LAMPS.
- DIE-CAST ALUMINIUM BODY WITH WHITE OR GREY PAINT FINISH.
- ELECTRONIC BALLAST WITH FLUORESCENT VERSION.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
### SQUARE

<table>
<thead>
<tr>
<th>Code</th>
<th>Type</th>
<th>Light Source Code</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0618.0</td>
<td>QT-DE12 (R7s) 1xmax300W</td>
<td>IP20 960° white 2</td>
<td>0.80kg</td>
</tr>
<tr>
<td>M0619.0</td>
<td>TC-DEL (G24q-2) 1x18W</td>
<td>grey 9</td>
<td>0.80kg</td>
</tr>
</tbody>
</table>

Photometric data: see page 438.
A RANGE OF WALL LAMPS WITH INDIRECT LIGHTING USING 230/240V HALOGEN AND FLUORESCENT LAMPS.
- EXTRUDED ALUMINIUM BODY WITH WHITE PAINT FINISH.
- ASYMMETRIC LIGHT DISTRIBUTION.
- 3 LENGTH OPTIONS: 280MM, 900MM AND 1600MM.
- ELECTRONIC CONTROL GEAR.
- OPTIONAL EMERGENCY LIGHTING FOR THE TC-LEL FLUORESCENT.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
**KANJI 280**

<table>
<thead>
<tr>
<th>LIGHT SOURCECODE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>QT-DE12 (R7s)</td>
<td>1,45kg</td>
</tr>
<tr>
<td>TC-DEL (G24q-3)</td>
<td>1,45kg</td>
</tr>
</tbody>
</table>

**KANJI 900**

<table>
<thead>
<tr>
<th>LIGHT SOURCECODE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>TC-LEL (2G11)</td>
<td>4,40kg</td>
</tr>
</tbody>
</table>

**KANJI 1600**

<table>
<thead>
<tr>
<th>LIGHT SOURCECODE</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>T16 (G5)</td>
<td>7,50kg</td>
</tr>
</tbody>
</table>

Photometric data: see page 437.
PRADO

design BRUNO HOUSSIN & ALAIN GIROT

• A RANGE OF WALL LAMPS USING 230/240V HALOGEN, METAL HALIDE AND FLUORESCENT LAMPS.
• ALUMINIUM BODY COMPRISING AN OPTICAL AND POWER SUPPLY UNIT.
• THE OPTICAL UNIT, WITH A TILT ANGLE OF UP TO 90°, INCLUDES AN ASYMMETRICAL REFLECTOR IN ALUMINIUM.
• ELECTRONIC CONTROL GEAR.
• HALOGEN VERSION COMES WITH PROTECTIVE GLASS.
• HIT VERSION COMES WITH UV FILTER.
• OPTIONAL LOUVRE GRID.
• COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.
PRADO WALL

<table>
<thead>
<tr>
<th>Code</th>
<th>Light Source</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>M0540.1</td>
<td>HIT-DE-CE-h45 1x70W</td>
<td>2.30kg</td>
</tr>
<tr>
<td>M0541.1</td>
<td>HIT-DE-CE-h45 1x150W</td>
<td>2.30kg</td>
</tr>
<tr>
<td>M0230.1</td>
<td>QT-DE12 (R7s) 1xmax300W</td>
<td>2.10kg</td>
</tr>
<tr>
<td>M0502.1</td>
<td>TC-TEL (GX24q-4) 1x42W</td>
<td>2.20kg</td>
</tr>
</tbody>
</table>

Light-shade grill.
For HIT and halogen versions.
For fluorescent version.

lighting data: see page 438.

ADSERV, MILAN (I), P. CAROZZI.
A RANGE OF OUTDOOR LUMINAIRES FOR T16 FLUORESCENT LAMPS FOR LIGHTING FACADES OR VERTICAL SURFACES. 2 OPTIONS: RECESSED INTO THE GROUND OR SURFACE MOUNTED.

- ELECTRONIC CONTROL GEAR.
- CONNECTION AND BRANCH BOX TO BE ORDERED SEPARATELY.
- COMPLIES WITH STANDARD EN60598-1 AND OTHER SPECIFIC STANDARDS.

RIVOLI RECESSED
- EXTRUDED ALUMINIUM BODY.
- END CAPS MADE FROM DIE-CAST ALUMINIUM.
- DIFFUSER IN 8MM THICK SCREEN-PRINTED TEMPERED GLASS.
- RECESSING BOX TO BE ORDERED SEPARATELY.
- IP67.
- LUMINAIRE INCLUDES LAMP AND POWER SUPPLY CABLE.

RIVOLI CORNICE
- EXTRUDED ALUMINIUM BODY.
- END CAPS MADE FROM DIE-CAST ALUMINIUM.
- ALUMINIUM OPTIC UNIT.
- DIFFUSER IN 5MM THICK SCREEN-PRINTED TEMPERED GLASS.
- SUITABLE FOR WALL MOUNTING WITH LIGHTING DIRECTED UPWARDS OR DOWNWARDS, AND FOR CEILING MOUNTING.
- MULTI-POSITION FIXING MECHANISM TO BE ORDERED SEPARATELY.
- LUMINAIRE INCLUDES LAMP AND POWER SUPPLY CABLE.
RIVOLI RECESSED T16

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M128800</td>
<td>T16 (G5) 1x28W 2700K non dimmable</td>
<td>1260mm</td>
<td>5,70kg</td>
</tr>
<tr>
<td>M128900</td>
<td>T16 (G5) 1x54W 2700K non dimmable</td>
<td>1260mm</td>
<td>5,70kg</td>
</tr>
<tr>
<td>M129000</td>
<td>T16 (G5) 1x35W 2700K non dimmable</td>
<td>1560mm</td>
<td>6,80kg</td>
</tr>
<tr>
<td>M129100</td>
<td>T16 (G5) 1x28W 2700K dimmable DALI</td>
<td>1260mm</td>
<td>5,70kg</td>
</tr>
<tr>
<td>M129200</td>
<td>T16 (G5) 1x54W 2700K dimmable DALI</td>
<td>1260mm</td>
<td>5,70kg</td>
</tr>
<tr>
<td>M129300</td>
<td>T16 (G5) 1x35W 2700K dimmable DALI</td>
<td>1560mm</td>
<td>6,80kg</td>
</tr>
</tbody>
</table>

photometric data: see page 439.

RIVOLI RECESSED ACCESSORIES

M073130 Connection and branch box (IP67).

M129400 For T16 28/54W 1264x118mm
M129500 For T16 35W 1564x118mm

RIVOLI RECESSED
RIVOLI CORNICE T16

<table>
<thead>
<tr>
<th>CODE</th>
<th>LIGHT SOURCE</th>
<th>LENGTH</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>M103000</td>
<td>T16 (G5) 1x24W 2700K non dimmable</td>
<td>700mm</td>
<td>2,60kg</td>
</tr>
<tr>
<td>M103100</td>
<td>T16 (G5) 1x28W 2700K non dimmable</td>
<td>1250mm</td>
<td>4,70kg</td>
</tr>
<tr>
<td>M103200</td>
<td>T16 (G5) 1x35W 2700K non dimmable</td>
<td>1550mm</td>
<td>5,80kg</td>
</tr>
<tr>
<td>M103300</td>
<td>T16 (G5) 1x54W 2700K non dimmable</td>
<td>1250mm</td>
<td>4,70kg</td>
</tr>
</tbody>
</table>

photometric data: see page 439.

RIVOLI CORNICE Accessories

M073130  Connection and branch box (IP67).

M126600  Wall fixing bracket (1 piece).
          2 pieces required per luminaire.

RIVOLI CORNICE
INTERACTIVE-DALI TECHNOLOGY

TO COMPLEMENT THE STANDARD VERSIONS, WITH OR WITHOUT DIMMING, ARTEMIDE ARCHITECTURAL PRESENTS INTERACTIVE-DALI, A CONTROL SYSTEM WHICH RESPONDS TO TWO RELATED REQUIREMENTS: CUSTOMIZED LIGHT, WHICH ENSURES OPTIMUM CONVENIENCE OF USE, AND AUTOMATIC SWITCHING ON AND OFF TO SAVE ENERGY.

EXTREMELY VARIED LIGHTING PROGRAMMES CAN BE SET THANKS TO INTERACTIVE-DALI, ADJUSTABLE COMPONENTS SUCH AS A MOVEMENT DETECTOR, A PHOTOVOLTAIC CELL AND AN INFRARED RECEIVER. WITH INTERACTIVE-DALI, THE LIGHTS IGNITE AUTOMATICALLY WHEN SOMEONE IS IN THE ROOM AND THERE IS NOT ENOUGH NATURAL LIGHT.

ON THE BASIS OF PERSONAL CHARACTERISTICS (EYESIGHT, REQUIRED CONCENTRATION, FEELING OF TIREDNESS...) OR THE WORK TO BE DONE (INDIVIDUAL WORK, A MEETING, VIDEO PROJECTION, ETC.) PEOPLE CAN SET THE AMOUNT OF LIGHT THEY PREFER AND REQUIRE SIMPLY BY PUSHING A BUTTON OR USING THE OPTIONAL REMOTE CONTROL. ONCE THESE PARAMETERS ARE SET, THE SYSTEM AUTOMATICALLY MAINTAINS A CONSTANT LIGHTING LEVEL ACCORDING TO THE DEGREE OF DAYLIGHT.

WHEN THE ROOM IS EMPTY, THE LIGHT REDUCES AUTOMATICALLY AND LATER TURNS OFF IN ACCORDANCE WITH AN ADJUSTABLE TIME SEQUENCE.

MAIN ADVANTAGES
• HIGHLY ADJUSTABLE FUNCTIONS.
• “PLUG AND PLAY” CONNECTION, NO MODIFICATIONS TO EXISTING WIRING.
• POSSIBILITY (OPTIONAL) OF OPERATING UP TO A MAXIMUM OF TEN LIGHTS, WHICH CAN BE DIVIDED INTO TWO GROUPS.
• ENERGY SAVINGS BRING A RETURN ON YOUR INVESTMENT.

NB: INTERACTIVE-DALI TECHNOLOGY IS APPLIED TO STAND-ALONE LUMINAIRES, TO SOME SPECIFIC FIXTURES BELONGING TO THE SAME FAMILY, CONNECTED TO EACH OTHER OR TO EXTERNAL INTERACTIVE-DALI COMPONENTS (E.G.: EXTENSION MOVEMENT DETECTOR). AS A RESULT, NO CONNECTION TO AN EXTERNAL DALI BUS IS ALLOWED.
INTERACTIVE-DALI LUMINAIRES
THE FOLLOWING PRODUCTS ARE FITTED WITH INTERACTIVE-DALI SYSTEM.

THE MASTER LUMINAIRE (EQUIPPED WITH INTERACTIVE-DALI SYSTEM) CAN BE CONNECTED TO ANOTHER 10 DALI DIMMABLE LIGHTS.
OPERATION THROUGH INTERACTIVE-DALI REMOTE CONTROL OR EXTERNAL PUSH BUTTON.

INTERACTIVE-DALI COMPONENTS

M074030 INTERACTIVE-DALI KIT, Ø86MM, WHITE, RECESSED.
Can be connected to a max. 11 DALI dimmable units. Is operated through INTERACTIVE-DALI remote control or external push button.

M074130 EXTENSION MOVEMENT DETECTOR, WHITE, RECESSED.
To be used when the area to be covered is bigger than 6,00x3,00m by height 2,50m. To be connected to one of the outputs of the INTERACTIVE-DALI controller. No extra mains connection required.

M104900 INTERACTIVE-DALI remote control.

DALI LUMINAIRES
FOR THE PRODUCTS EQUIPPED WITH DALI DIMMABLE ELECTRONIC BALLAST, IT IS POSSIBLE TO USE AN EXTERNAL INTERACTIVE-DALI KIT, FOR RECESS INTO THE FALSE CEILING. THIS KIT CAN OPERATE UP TO 11 DALI DIMMABLE UNITS. OPERATION THROUGH INTERACTIVE-DALI REMOTE CONTROL OR EXTERNAL PUSH BUTTON.
## LIGHT SOURCES

### 230-240V LED LAMPS

<table>
<thead>
<tr>
<th>CODE</th>
<th>LBS</th>
<th>ILCOS L</th>
<th>WATTAGE</th>
<th>BEAM</th>
<th>COLOUR T</th>
<th>SOCKET</th>
<th>LM</th>
<th>CRI</th>
</tr>
</thead>
<tbody>
<tr>
<td>M004720</td>
<td>-</td>
<td>-</td>
<td>4W</td>
<td>25°</td>
<td>3000K</td>
<td>GU10</td>
<td>-</td>
<td>85</td>
</tr>
</tbody>
</table>

H | Ø | EMax | EM
m | m | lux | lux
1 | 0,99 | 550 | 247
2 | 0,78 | 137 | 61
3 | 0,73 | 61  | 27
4 | 0,56 | 34  | 15

TCR5-SE 3W 25°

### 230-240V HALOGEN LAMPS

<table>
<thead>
<tr>
<th>CODE</th>
<th>LBS</th>
<th>ILCOS L</th>
<th>WATTAGE</th>
<th>BEAM</th>
<th>COLOUR T</th>
<th>SOCKET</th>
<th>LM</th>
<th>CRI</th>
</tr>
</thead>
<tbody>
<tr>
<td>M002040</td>
<td>QT-DE12</td>
<td>HDG</td>
<td>150W</td>
<td>-</td>
<td>3000K</td>
<td>R7s</td>
<td>2500lm</td>
<td>100</td>
</tr>
<tr>
<td>M002025</td>
<td>QT-DE12</td>
<td>HDG</td>
<td>120W ECO</td>
<td>-</td>
<td>3000K</td>
<td>R7s</td>
<td>2300lm</td>
<td>100</td>
</tr>
<tr>
<td>M002035</td>
<td>QT-DE12</td>
<td>HDG</td>
<td>160W ECO</td>
<td>-</td>
<td>3000K</td>
<td>R7s</td>
<td>3300lm</td>
<td>100</td>
</tr>
<tr>
<td>M002045</td>
<td>QT-DE12</td>
<td>HDG</td>
<td>230W ECO</td>
<td>-</td>
<td>3000K</td>
<td>R7s</td>
<td>5000lm</td>
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H | Ø | EMax | EM
m | m | lux | lux
1 | 0,57 | 320 | 1599
2 | 0,47 | 1099| 512
3 | 0,38 | 275 | 128
4 | 0,29 | 69  | 32

QPAR20 50W 10°

M002220 | QPAR20 | HAGS/J | 50W | 10° | 2800K | E27 | - | 100 |
M002230 | QPAR20 | HAGS/J | 50W | 30° | 2800K | E27 | - | 100 |

H | Ø | EMax | EM
m | m | lux | lux
1 | 0,37 | 320 | 1599
2 | 0,28 | 800 | 400
3 | 0,25 | 356 | 178
4 | 0,21 | 200 | 100

QPAR20 50W 10°

QPAR20 50W 30°
### 12V Halogen Lamps

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#### Table 1: Dimensions and Luminous Intensity

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### COMPACT FLUORESCENT LAMPS

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<td>80-85</td>
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<td>MRSUB-20</td>
<td>20W</td>
<td>10°</td>
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<td>3000K</td>
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<td>80-85</td>
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<td>MRSUB-20</td>
<td>20W</td>
<td>25°</td>
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<td>MRSUB-20</td>
<td>20W</td>
<td>40°</td>
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<td>3000K</td>
<td>GX10</td>
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<td>MRSUB-35</td>
<td>35W</td>
<td>12°</td>
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<td>3000K</td>
<td>GX10</td>
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<td>MRSUB-35</td>
<td>35W</td>
<td>25°</td>
<td></td>
<td>3000K</td>
<td>GX10</td>
<td>-</td>
<td>80-85</td>
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<td>MRSUB-35</td>
<td>35W</td>
<td>40°</td>
<td></td>
<td>3000K</td>
<td>GX10</td>
<td>-</td>
<td>80-85</td>
</tr>
</tbody>
</table>

**DISCHARGE LAMPS METAL HALIDE**
**PICTO 125 LED**

LED MONOCHROMATIC Luminous flux of the luminaire:
33W/FL = 1174lm
33W/MFL = 1242lm

**RECESSED DOWNLIGHTS**

**ANDROMEDA RECESSED 300×300**

- T16-R (2G×13)
  - 22W = 1800lm

**ANDROMEDA RECESSED 300×600**

- T16-HOF/Q (G5)
  - 24W = 1750lm

**ANDROMEDA RECESSED 300×900**

- T16-HOF/Q (G5)
  - 21W = 1900lm

**AYRTON 156**

- HIT-CE (G12)
  - 70W = 6600lm

**JAVA 172 SYSTEM HIT**

- HIT-CE (G12)
  - 35W = 3300lm
  - 70W = 6600lm
  - 150W = 14000lm
Luminous flux of the luminaire:

<table>
<thead>
<tr>
<th>Power</th>
<th>Flux (Lm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>35W</td>
<td>3300</td>
</tr>
<tr>
<td>70W</td>
<td>6600</td>
</tr>
<tr>
<td>150W</td>
<td>14000</td>
</tr>
</tbody>
</table>

JAVA 172 SYSTEM LED

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JAVA 208

Page 66

HfCe (G12) 35W = 1300lm 70W = 6600lm 150W = 14000lm
L.D. SYSTEM 96

Page 155

- QT12-UVr-ax (GY6,35)
  50W ECO = 1250lm

L.D. SYSTEM 156 HALO

Page 156

- QT12-UVr-ax (GY6,35)
  60W ECO = 1650lm

L.D. SYSTEM 156 HIT

Page 156

- HITCE (G12)
  70W = 6600lm

L.D. SYSTEM 206 FLUO

Page 157

- TC-DEL (G24q-2)
  18W = 1200lm

L.D. SYSTEM 206 HIT

Page 157

- HITCE (G12)
  70W = 6600lm
  150W = 14000lm
NOTHING RECESSED 172 SYSTEM LED

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LED MONOCHROMATIC
Luminous flux
of the luminaire:
33W/FL = 1174lm
33W/MFL = 1242lm

STICK
page 135

HIT-TC-CE (G8,5)
35W = 3400lm
70W = 6600lm

HIT-CE (G12)
35W = 3400lm
70W = 6600lm
VULCANIA RECESSED ø308

HIT CE (G12)
70W = 6600lm
150W = 14000lm

Hit CE (G12)
70W = 6600lm
150W = 14000lm

TC-DEL (G24q-3)
26W = 1800lm

TC-DEL (G24q-3)
26W = 1800lm

ALTOP SOFT LIGHT

TC-LEL (2G11)
55W = 4800lm

TC-LEL (2G11)
36W = 2900lm

TC-LEL (2G11)
36W = 2900lm

BOLERO

TC-LEL (2G11)
55W = 4800lm

TC-LEL (2G11)
55W = 4800lm

LED AND FLUORESCENT RECESSED LUMINAIRES
TAGORA 270 HIT

TAGORA 270 FLUO

TAGORA 970

FLOOR LUMINAIRES

CHOCOLATE FLOOR T16

CHOCOLATE FLOOR TC-LEL

KALIFA FLOOR COMFORT

KALIFA FLOOR DARK LIGHT

KALIFA FLOOR PRISMOPTIC I
**FOCAL WALL/SUSPENSION**

**KALIFA WALL TC-LEL**

**KALIFA WALL T16**

**KANJI 280**

**KANJI 280**

**KANJI 900**

**KANJI 1600**
OUTDOOR

RIVOLI RECESSED T16

- T16 (G5)
  - 28W = 2600lm
  - 35W = 3300lm
  - 54W = 4450lm

RIVOLI CORNICE T16

- T16 (G5)
  - 24W = 1750lm
  - 28W = 2600lm
  - 35W = 3300lm
  - 54W = 4450lm
**GENERAL TERMINOLOGY**

Classification according to the electrical protection:
- **IP** (Ingress Protection) classification
  - **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

**Product Name**

**HIT-TC-CE (G8,5)**

<table>
<thead>
<tr>
<th>Type of Installation</th>
<th>Ingress Protection (IP)</th>
<th>Resistance to Incandescent Wire</th>
<th>Approvals</th>
<th>Dimensions in mm</th>
<th>Colour</th>
<th>Code</th>
<th>Light Source</th>
<th>Length</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>IP20 850°</td>
<td></td>
<td></td>
<td></td>
<td>white</td>
<td>M0000.0</td>
<td>00x00W</td>
<td>000mm</td>
<td>0.00kg</td>
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</table>

**Approvals**
- ENEC Certification of European Conformity
- IMQ Italian Institute of Quality Mark
- CCC China Compulsory Certification
- MINERGIE® Swiss standard for sustainable buildings

**Dimensions**
Dimensions are given in millimeters.

**Codes**
The codes of products available in different colours are indicated only with the fixed digits. They must be completed with digits shown in the colour chart.

**Supply Voltage**
All fittings are manufactured for 230-240V/50Hz power supply voltage.

**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.

**Surfaces for Installation**
- Luminaire suitable for installation on normally inflammable surfaces.
- Luminaire suitable only for mounting on non-combustible surfaces.
- Luminaire suitable for installation on normally inflammable surfaces, into ceilings covered with an insulator.
- Luminaire not suitable for covering with thermally insulating material.

**Notes**
- Luminaire suitable for installation on normally inflammable surfaces.
- Luminaire suitable only for mounting on non-combustible surfaces.
- Luminaire suitable for installation on normally inflammable surfaces, into ceilings covered with an insulator.
- Luminaire not suitable for covering with thermally insulating material.
PHOTOMETRIC DISTRIBUTION DATA
From these diagrams, it is possible to make an initial assessment of the product to be used and the amount to be installed, etc. (a more accurate analysis based on the work plane reflectances etc. should be carried out later, in order to establish the effects of environmental characteristics on illuminance). Briefly, the chart shows:
• average and maximum illuminance (lux) of the area in the diagram.
• the main beam diameter within the cone area.
The values of illuminance are shown for varying mounting heights of 1 to 5 meters.

SPREAD OF BEAM
Shows the flat angle including the directions in which 50% of the maximum intensity exists. Symmetrical emission can be symbolized by \(\angle 2x\alpha\). Luminaires are classified according to angles of emission, as shown here below. The spread of beam is only given for luminaires having a symmetrical distribution.

PHOTOMETRIC CURVES IN POLAR COORDINATES
These represent the light intensity distribution (in cd/klm = candles/1000 lumen) emitted by the luminaire on the planes that contain the optical axis of the luminaire. Two curves are indicated for each luminaire. The first refers to the transversal C0 - C180 plane (continuous line) and the second to the longitudinal C90 - C270 plane (dotted line). The photometric curves define important lighting engineering features of the luminaire itself such as the light flow control, the type of emission, the maximum intensity. Furthermore they can be used to calculate the lighting levels at each point of a given plane.

The photometric curves shown in this catalogue are only indicative. For accurate photometric data, calculations should be taken from Dialux lighting programme.

ISOLUX DIAGRAMS
A graphical representation of the illuminance distribution on a vertical surface (wall washer luminaires) or a working plane (floor lamps). The isolux curve lines link the points of equal illuminance.

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**Light Source TC-DEL (G24q-3) 1x26W**
- Em (wall) 127lux

**Light Source TC-LEL (2G11) 4x55W**
- Em (desk) 500lux
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.