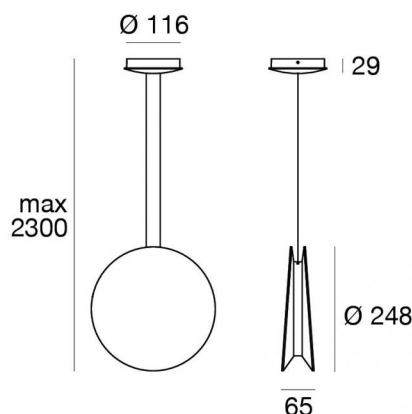
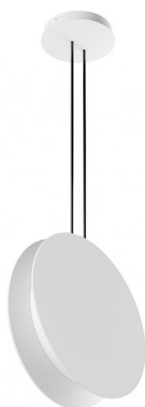


Pendant Luminaires | 220-240 V  
96 topLED 13 W DC - 16 W AC | CRI 90  
9637



| Technical data                                 |                     |
|------------------------------------------------|---------------------|
| Type                                           | Pendant Luminaires  |
| Installation position                          | Ceiling             |
| Installation environment                       | Indoor              |
| Light Source                                   | LED                 |
| Circuit structure                              | topLED              |
| Optics                                         | Diffused            |
| Light emission direction                       | downward and upward |
| Nominal power                                  | 13 W DC             |
| Total Power                                    | 16 W                |
| Source lumens                                  | 1983 lm             |
| Nominal input voltage                          | 220 - 240 V AC      |
| Input voltage range                            | 220 - 240 V AC      |
| Frequency                                      | 50 - 60 Hz          |
| CCT / Tone                                     | 3000 K              |
| Colour rendering index                         | 90 Ra               |
| C.C. / C.V.                                    | AC                  |
| Safety class                                   | 1                   |
| IP                                             | IP20                |
| Glow wire test                                 | 650°                |
| Direct mounting on normally flammable surfaces | Yes                 |
| CE                                             | Yes                 |
| Driver included                                | Driver              |
| Dimmable article                               | Phase cut           |
| Directional                                    | No                  |
| Tilting                                        | No                  |
| Walk-over                                      | No                  |
| Drive-over                                     | No                  |
| Cable included                                 | Yes                 |
| Cable length                                   | 2,3 m               |
| Resin potting                                  | No                  |
| Type of light emission                         | Double emission     |
| Net weight                                     | 2.35 Kg             |
| Electrostatic discharge protection             | Yes                 |
| Surge protection                               | Yes                 |

| Finishing Finishing casing         |                |
|------------------------------------|----------------|
| Material                           | Aluminium      |
| Colour                             | White RAL 9003 |
| Processing                         | Coating        |
| Finishing Finishing diffuser       |                |
| Material                           | PMMA           |
| Colour                             | opaline        |
| Finishing Finishing mounting frame |                |
| Material                           | Aluminium      |
| Colour                             | White RAL 9003 |
| Processing                         | Coating        |
| Cables Electrification+suspension  |                |
| Max cable length                   | 2300 mm        |

Pendant Luminaires | 220-240 V | 96 topLED 13 W DC - 16 W AC | CRI 90 | Base  
9637

Double emission pendant luminaires for indoor application. The warm white LED light source with a diffused light distribution is composed of 96 topLEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1983 lm, with a 152.5 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a white ral 9003 finish, processed by means of coating; the diffuser is made of pmma; the mounting frame is made of aluminium, with a white ral 9003 finish, processed by means of coating.

The ingress protection degree is IP20; the total weight is of 2.35 kg.

The total absorbed power is 16 W The power supply cable is included and features a 2,3 m length.

The device features protection class I and can be ceiling-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.

#### Energy efficiency class

This product contains a light source of energy efficiency class D.

#### Illuminotechnical Features

|                                         |                |
|-----------------------------------------|----------------|
| Light Output Ratio (LOR)                | 59 %           |
| Source lumens                           | 1983 lm        |
| Delivered lumens                        | 1173 lm        |
| Consumption                             | 16 W           |
| Luminaire efficacy                      | 73 lm/W        |
| Colour temperature                      | 3000 K         |
| Standard Deviation of Colour Matching   | 3 Step MacAdam |
| Colour rendering index                  | 90 Ra          |
| Junction temperature (lighting fixture) | 80             |
| Standard Operating Ambient Temperature  | 25°C           |

#### LED Life / Failure Ratio

L70 B10 C0 102000h (at Tj 115 Ta 25 )

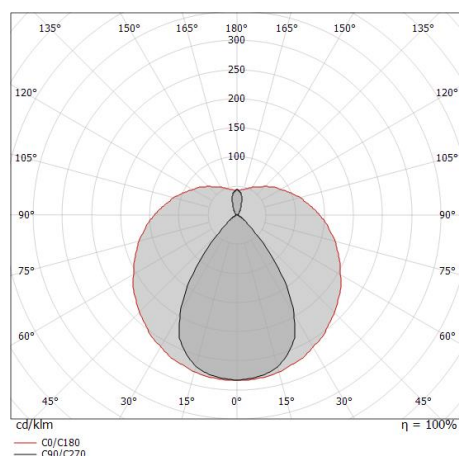
L90 B10 C0 55000h

#### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 21.3     |
| UGR transversal   | 37.4     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

#### OPTICAL

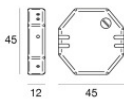
|                             |                     |
|-----------------------------|---------------------|
| C90/C270 optics             | 71°                 |
| C0/C180 optics              | 180°                |
| Light distribution simmetry | Symmetrical 2 assis |



| Distance [m] | Cone diameter [m] | Illuminance [lx]                                         |
|--------------|-------------------|----------------------------------------------------------|
| 0.5          | 0.71<br>572.96    | E(0°)<br>E(C90)<br>E(C0) 35.5°<br>89.9° 1332<br>360<br>0 |
| 1.0          | 1.43<br>1145.91   | E(0°)<br>E(C90)<br>E(C0) 35.5°<br>89.9° 333<br>90<br>0   |
| 1.5          | 2.14<br>1718.87   | E(0°)<br>E(C90)<br>E(C0) 35.5°<br>89.9° 148<br>46<br>0   |
| 2.0          | 2.85<br>2291.83   | E(0°)<br>E(C90)<br>E(C0) 35.5°<br>89.9° 83<br>23<br>0    |
| 2.5          | 3.57<br>2864.79   | E(0°)<br>E(C90)<br>E(C0) 35.5°<br>89.9° 53<br>14<br>0    |
| 3.0          | 4.28<br>3437.74   | E(0°)<br>E(C90)<br>E(C0) 35.5°<br>89.9° 37<br>10<br>0    |

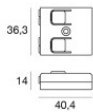
— C0/C180 (Half-peak divergence: 179.8°)  
— C90/C270 (Half-peak divergence: 71.0°)

Yo-yo\_P | Pendant Luminaires | Accessories  
9637



Dimmer - Phase cut (Max 100W) - Essential for dimming the lamp  
220-240V

Code  
KIT0026



Dimmer - Phase cut CASAMBI - Essential for dimming the lamp with Casambi  
Radio-frekuensi, 85-240V

Code  
KIT0080