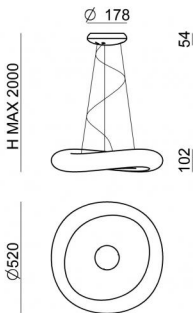


Pendant Luminaires | 220-240 V  
104 topLED 19 W DC - 23 W AC | CRI 90  
8005N



| Technical data                                 |                 |
|------------------------------------------------|-----------------|
| Construction year                              | 2017            |
| Type                                           | Surface         |
| Installation position                          | Ceiling         |
| Installation environment                       | Indoor          |
| Light Source                                   | LED             |
| Circuit structure                              | topLED          |
| Optics                                         | Diffused        |
| Light emission direction                       | downward        |
| Nominal power                                  | 19 W DC         |
| Total Power                                    | 23 W            |
| Source lumens                                  | 2419 lm         |
| Voltage                                        | 220 - 240 V AC  |
| Frequency                                      | 50 - 60 Hz      |
| CCT / Tone                                     | 4000 K          |
| Colour rendering index                         | 90 Ra           |
| C.C. / C.V.                                    | AC              |
| Safety class                                   | 1               |
| IP                                             | IP20            |
| Optical compartment IP                         | IP40            |
| Glow wire test                                 | 650°            |
| Direct mounting on normally flammable surfaces | Yes             |
| CE                                             | Yes             |
| Driver included                                | Driver          |
| Dimmable article                               | DALI - PUSH DIM |
| Directional                                    | No              |
| Tilting                                        | No              |
| Walk-over                                      | No              |
| Drive-over                                     | No              |
| Cable included                                 | Yes             |
| Cable length                                   | 2.5 m           |
| Resin potting                                  | No              |
| Type of light emission                         | Double emission |
| Net weight                                     | 2.22 Kg         |
| Electrostatic discharge protection             | No              |
| Surge protection                               | No              |

| Finishing casing |           |
|------------------|-----------|
| Material         | Aluminium |
| Colour           | White     |
| Processing       | Coating   |

| Finishing diffuser |         |
|--------------------|---------|
| Material           | PE      |
| Colour             | neutral |

Pendant Luminaires | 220-240 V | 104 topLED 19 W DC - 23 W AC | CRI 90 | Base 8005N

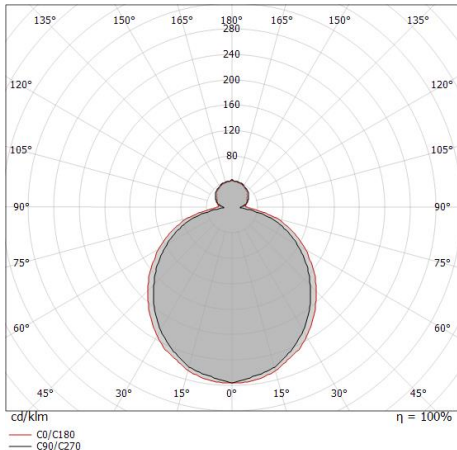
Double emission pendant luminaires for indoor application. The warm white LED light source with a diffused light distribution is composed of 104 topLED LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 2419 lm, with a 127.3 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a white finish, processed by means of coating; the diffuser is made of pe. The ingress protection degree is IP20; the total weight is of 2.22 kg.

The total absorbed power is 23 W. The power supply cable is included and features a 2.5 m length.

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

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



|     |              |                          |                |                    |
|-----|--------------|--------------------------|----------------|--------------------|
| 0.5 | 1.42<br>1.64 | E(0°)<br>E(C90)<br>E(C0) | 54.8°<br>58.6° | 2011<br>193<br>142 |
| 1.0 | 2.84<br>3.28 | E(0°)<br>E(C90)<br>E(C0) | 54.8°<br>58.6° | 503<br>48<br>36    |
| 1.5 | 4.25<br>4.91 | E(0°)<br>E(C90)<br>E(C0) | 54.8°<br>58.6° | 223<br>21<br>16    |
| 2.0 | 5.67<br>6.55 | E(0°)<br>E(C90)<br>E(C0) | 54.8°<br>58.6° | 126<br>12<br>9     |
| 2.5 | 7.09<br>8.19 | E(0°)<br>E(C90)<br>E(C0) | 54.8°<br>58.6° | 80<br>8<br>6       |
| 3.0 | 8.51<br>9.83 | E(0°)<br>E(C90)<br>E(C0) | 54.8°<br>58.6° | 56<br>5<br>4       |

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0/C180 (Half-peak divergence: 117.2°)  
— C90/C270 (Half-peak divergence: 109.6°)

Energy efficiency class

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

Illuminotechnical Features

|                                         |                |
|-----------------------------------------|----------------|
| Light Output Ratio (LOR)                | 75 %           |
| Source lumens                           | 2419 lm        |
| Delivered lumens                        | 1820 lm        |
| Consumption                             | 23 W           |
| Luminaire efficacy                      | 79 lm/W        |
| Colour temperature                      | 4000 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

L80 B20 C0 80h

UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 14.8     |
| UGR transversal   | 15.8     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

OPTICAL

|                             |                     |
|-----------------------------|---------------------|
| C90/C270 optics             | 110°                |
| C0/C180 optics              | 117°                |
| Light distribution simmetry | Symmetrical 2 assis |