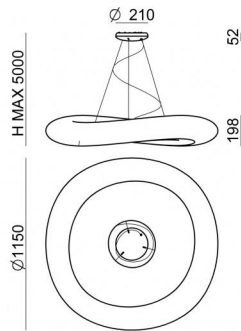


Pendant Luminaires | 220-240 V  
108 topLED 93 W DC - 96 W AC | CRI 90  
7788N



| Technical data                                 |                     |
|------------------------------------------------|---------------------|
| Construction year                              | 2017                |
| Type                                           | Surface             |
| Installation position                          | Ceiling             |
| Installation environment                       | Indoor              |
| Light Source                                   | LED                 |
| Optics                                         | Diffused            |
| Light emission direction                       | downward and upward |
| Nominal power                                  | 93 W DC             |
| Total Power                                    | 96 W                |
| Source lumens                                  | 12644 lm            |
| Voltage                                        | 220 - 240 V AC      |
| Frequency                                      | 60 - 50 Hz          |
| CCT / Tone                                     | 4000 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                               | DALI - PUSH DIM     |
| Directional                                    | No                  |
| Tilting                                        | No                  |
| Walk-over                                      | No                  |
| Drive-over                                     | No                  |
| Cable included                                 | Yes                 |
| Cable length                                   | 6 m                 |
| Resin potting                                  | No                  |
| Type of light emission                         | Single emission     |
| Net weight                                     | 11.2 Kg             |
| Electrostatic discharge protection             | No                  |
| Surge protection                               | No                  |

| Finishing casing |                         |
|------------------|-------------------------|
| Material         | metal                   |
| Colour           | Embossed white RAL 9003 |
| Processing       | Coating                 |

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

Pendant Luminaires | 220-240 V | 108 topLED 93 W DC - 96 W AC | CRI 90 | Base 7788N

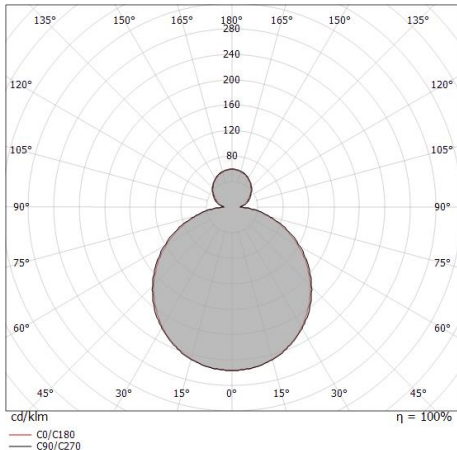
Single emission pendant luminaires for indoor application. The natural white LED light source with a diffused light distribution is composed of 108 topLEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 12644 lm, with a 136.0 lm/W nominal luminous efficacy.

The device body is made of metal and features a embossed white ral 9003 finish, processed by means of coating; the diffuser is made of pe. The ingress protection degree is IP20; the total weight is of 11.2 kg.

The total absorbed power is 96 W. The power supply cable is included and features a 6 m length.

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

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



| Distance [m] | Cone diameter [m] | Illuminance [lx]                       |
|--------------|-------------------|----------------------------------------|
| 0.5          | 1.64<br>1.58      | E(0°) 12282<br>E(C90) 871<br>E(C0) 937 |
| 1.0          | 3.28<br>3.16      | E(0°) 3070<br>E(C90) 218<br>E(C0) 234  |
| 1.5          | 4.91<br>4.75      | E(0°) 1365<br>E(C90) 97<br>E(C0) 104   |
| 2.0          | 6.55<br>6.33      | E(0°) 768<br>E(C90) 54<br>E(C0) 59     |
| 2.5          | 8.19<br>7.91      | E(0°) 491<br>E(C90) 35<br>E(C0) 37     |
| 3.0          | 9.83<br>9.49      | E(0°) 341<br>E(C90) 24<br>E(C0) 26     |

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

— C0/C180 (Half-peak divergence: 115.4°)  
— C90/C270 (Half-peak divergence: 117.2°)

Energy efficiency class

This product contains 18 light sources of energy efficiency class E.

Illuminotechnical Features

|                                         |                |
|-----------------------------------------|----------------|
| Light Output Ratio (LOR)                | 94 %           |
| Source lumens                           | 12644 lm       |
| Delivered lumens                        | 11985 lm       |
| Consumption                             | 96 W           |
| Luminaire efficacy                      | 124 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         | 19.9     |
| UGR transversal   | 19.6     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

OPTICAL

|                             |             |
|-----------------------------|-------------|
| C0/C180 optics              | 115°        |
| Light distribution simmetry | Symmetrical |