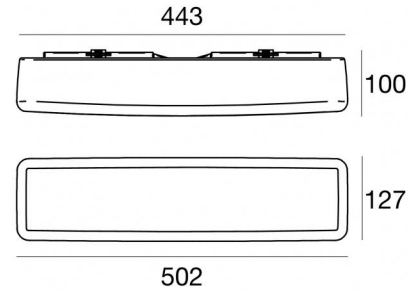


MyWhite_B motion sensor



Ceiling Downlights | 220-240 V
1 topLED 13 W DC - 17 W AC | CRI 85
7810NS



| Technical data | |
|--|-----------------------|
| Construction year | 2017 |
| Type | Surface |
| Installation position | Wall lights - 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 | 17 W |
| Source lumens | 1641 lm |
| Nominal input voltage | 220 - 240 V AC |
| Input voltage range | 220 - 240 V AC |
| Frequency | 50 - 60 Hz |
| CCT / Tone | 4000 K |
| Colour rendering index | 85 Ra |
| C.C. / C.V. | AC |
| Safety class | 2 |
| IP | IP65 |
| IK | IK06 |
| Glow wire test | 650° |
| Direct mounting on normally flammable surfaces | Yes |
| CE | Yes |
| Driver included | Driver |
| Dimmable article | No |
| Motion sensor | Yes |
| Motion detection time | 3 min |
| Sensitivity range | Ø 5 m H 2.7 m |
| Directional | No |
| Tilting | No |
| Walk-over | No |
| Drive-over | No |
| Cable included | No |
| Resin potting | No |
| Type of light emission | Double emission |
| Net weight | 1.256 Kg |
| Electrostatic discharge protection | No |
| Surge protection | No |

Finishing diffuser

| | |
|----------|---------|
| Material | PE |
| Colour | neutral |

Finishing mounting frame

| | |
|----------|-------|
| Material | PC |
| Colour | white |

The driver contained in the device complies with IEC 61347-2-13 annex J, and can therefore be powered by centralized power systems.

MyWhite_B motion sensor



Ceiling Downlights | 220-240 V | 1 topLED 13 W DC - 17 W AC | CRI 85 | Base
7810NS

Double emission ceiling downlights for indoor application. The warm white LED light source with a diffused light distribution is composed of 78 topped LEDs with CCT of 4000 K and a CRI 85; the source luminous flux is 1641 lm, with a 126.2 lm/W nominal luminous efficacy.

The diffuser is made of pe; the mounting frame is made of PC, with a white finish. The ingress protection degree is IP65; the total weight is of 1.256 kg.

The total absorbed power is 17 W.

The device features protection class II and can be wall lights or 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 E.

Illuminotechnical Features

| | |
|---|----------------|
| Light Output Ratio (LOR) | 70 % |
| Source lumens | 1641 lm |
| Delivered lumens | 1152 lm |
| Consumption | 17 W |
| Luminaire efficacy | 67 lm/W |
| Colour temperature | 4000 K |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Colour rendering index | 85 Ra |
| Junction temperature (lighting fixture) | 80 |

Standard Operating Ambient Temperature -20 / +50°C

LED Life / Failure Ratio

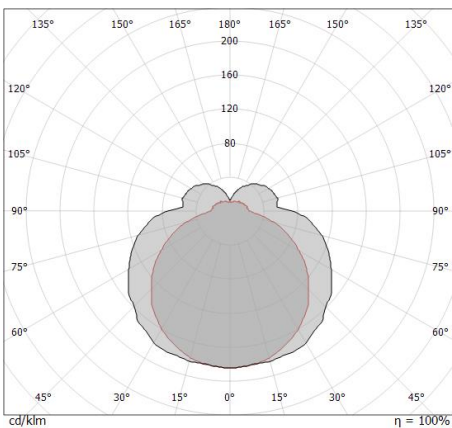
L80 B20 C0 80000h

UGR

| | |
|-------------------|----------|
| UGR axial | 17.6 |
| UGR transversal | 17.6 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|--------------------|
| C90/C270 optics | 168° |
| C0/C180 optics | 121° |
| Light distribution symmetry | Symmetrical 2 axis |



| Distance [m] | Cone diameter [m] | illuminance [lx] | E(0°) | E(C90) | E(C0) |
|--------------|-------------------|------------------|-------|--------|-------|
| 0.5 | 9.84 1.77 | 851 0 50 | 84.2° | 60.6° | |
| 1.0 | 19.69 3.55 | 213 0 13 | 84.2° | 60.6° | |
| 1.5 | 29.53 5.32 | 95 0 6 | 84.2° | 60.6° | |
| 2.0 | 39.38 7.10 | 53 0 3 | 84.2° | 60.6° | |
| 2.5 | 49.22 8.87 | 34 0 2 | 84.2° | 60.6° | |
| 3.0 | 59.07 10.65 | 24 0 1 | 84.2° | 60.6° | |

— C0/C180 (Half-peak divergence: 121.2°)
— C90/C270 (Half-peak divergence: 168.4°)