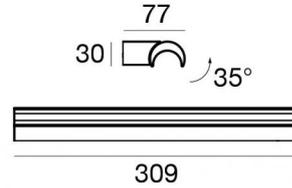


Wall Lights | 200-240 V | 48 topLED 9 W DC - 11 W AC | CRI 90
9801



| Technical data | |
|--|-----------------|
| Type | Surface |
| Installation position | Wall lights |
| Installation environment | Indoor |
| Light Source | LED |
| Circuit structure | topLED |
| Optics | Diffused |
| Light emission direction | downward |
| Nominal power | 9 W DC |
| Total Power | 11 W |
| Source lumens | 1175 lm |
| Nominal input voltage | 220 - 240 V AC |
| Input voltage range | 200 - 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 | IP44 |
| Glow wire test | 850° |
| Direct mounting on normally flammable surfaces | Yes |
| CE | Yes |
| Driver included | Driver |
| Dimmable article | No |
| Directional | Swivelling |
| total angle (vertical plane) | 35 ° |
| Tilting | No |
| Walk-over | No |
| Drive-over | No |
| Cable included | No |
| Resin potting | No |
| Type of light emission | Single emission |
| Net weight | 0.650 Kg |
| Electrostatic discharge protection | Yes |
| Surge protection | Yes |

Finishing Finishing casing

| | |
|------------|--------------------|
| Material | Aluminium |
| Colour | Text black (R9005) |
| Processing | Coating |

Finishing Finishing diffuser

| | |
|----------|---------|
| Material | PC |
| Colour | opaline |

Finishing Finishing mounting frame

| | |
|------------|--------------------|
| Material | Aluminium |
| Colour | Text black (R9005) |
| Processing | Coating |

Wall Lights | 200-240 V | 48 topLED 9 W DC - 11 W AC | CRI 90 | Base
9801

Single emission wall lights for indoor application. The warm white LED light source with a diffused light distribution is composed of 48 topLEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 1175 lm, with a 130.6 lm/W nominal luminous efficacy.

The device body is made of aluminium and features a text black (r9005) finish, processed by means of coating; the diffuser is made of PC; the mounting frame is made of aluminium, with a text black (r9005) finish, processed by means of coating.

The ingress protection degree is IP44; the total weight is of 0.650 kg.

The total absorbed power is 11 W

The device features protection class I and can be wall lights-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) | 41 % |
| Source lumens | 1175 lm |
| Delivered lumens | 482 lm |
| Consumption | 11 W |
| Luminaire efficacy | 43 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

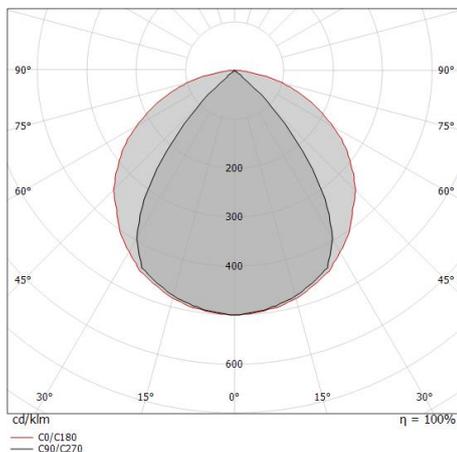
L70 B20 C0 72500h

UGR

| | |
|-------------------|----------|
| UGR axial | 15.5 |
| UGR transversal | 25.7 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|---------------------|
| C90/C270 optics | 77° |
| C0/C180 optics | 116° |
| Light distribution simmetry | Symmetrical 2 assis |



| Distance [m] | Cone diameter [m] | Illuminance [lx] | E(0°) | E(C90) | E(C0) |
|--------------|-------------------|------------------|-------|--------|-------|
| 0.5 | 0.79 1.59 | 965 233 73 | 38.3° | 38.3° | 57.8° |
| 1.0 | 1.58 3.18 | 241 58 18 | 38.3° | 38.3° | 57.8° |
| 1.5 | 2.37 4.76 | 107 26 8 | 38.3° | 38.3° | 57.8° |
| 2.0 | 3.16 6.35 | 60 15 5 | 38.3° | 38.3° | 57.8° |
| 2.5 | 3.95 7.94 | 39 9 3 | 38.3° | 38.3° | 57.8° |
| 3.0 | 4.74 9.53 | 27 6 2 | 38.3° | 38.3° | 57.8° |

— C0/C180 (Half-peak divergence: 115.6°)
— C90/C270 (Half-peak divergence: 76.6°)