



Wall Lights | 99-264 V AC /176-280 V DC  
48 topLED 9.9 W DC - 11 W AC | CRI 80  
**76974M00**



| Technical data                                 |                 |
|--|-----------------|
| Type   | Surface         |
| Installation position                          | Wall lights     |
| Installation environment                       | Outdoor         |
| Light Source                                   | LED             |
| Circuit structure                              | topLED          |
| Optics   | Diffused        |
| Light emission direction                       | downward        |
| Nominal power                                  | 9.9 W DC        |
| Total Power                                    | 11 W            |
| Source lumens                                  | 1384 lm         |
| Nominal input voltage                          | 220 - 240 V AC  |
| Input voltage range                            | 99 - 264 V AC   |
| Frequency                                      | 50 - 60 Hz      |
| CCT / Tone                                     | 2700 K          |
| Colour rendering index                         | 80 Ra           |
| C.C. / C.V.                                    | AC              |
| Safety class                                   | 1               |
| IP   | IP65            |
| IK   | IK06            |
| Glow wire test                                 | 850°            |
| Direct mounting on normally flammable surfaces | No              |
| CE   | Yes             |
| Driver included                                | Driver          |
| Dimmable article                               | DALI            |
| Directional                                    | No              |
| Tilting  | No              |
| Walk-over                                      | No              |
| Drive-over                                     | No              |
| Cable included                                 | No              |
| Resin potting                                  | No              |
| Type of light emission                         | Single emission |
| Net weight                                     | 1.484 Kg        |
| Electrostatic discharge protection             | Yes             |
| Surge protection                               | 0.5 KV          |

#### Finishing casing

|            |                                  |
|------------|----------------------------------|
| Material   | Die-cast Aluminium EN AB - 46100 |
| Colour     | Black                            |
| Processing | Powder coating                   |

#### Finishing diffuser

|            |  |
|------------|--|
| Material   | UV Resistant Polycarbonate - Extra clear glass |
| Colour     | black - transparent                            |
| Processing | Silk-screening                                 |

#### Finishing bracket

|          |                |
|----------|----------------|
| Material | AISI 304 steel |
| Colour   | steel          |

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



Wall Lights | 99-264 V AC /176-280 V DC | 48 topLED 9.9 W DC - 11 W AC | CRI 80 | Base  
76974M00

Single emission wall lights for outdoor application. The super warm white LED light source with a diffused light distribution is composed of 48 topped LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 1384 lm, with a 139.8 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of powder coating; the diffuser is made of extra clear glass with a silk-screening treatment; the diffuser is made of uv resistant polycarbonate. The ingress protection degree is IP65; the total weight is of 1.484 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 D.

### Illuminotechnical Features

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 43 %           |
| Source lumens                         | 1384 lm        |
| Delivered lumens                      | 600 lm         |
| Consumption                           | 11 W           |
| Luminaire efficacy                    | 54 lm/W        |
| Colour temperature                    | 2700 K         |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Colour rendering index                | 80 Ra          |

Standard Operating Ambient Temperature -20 / +50°C

Ordinary temperature on the glass 40°C

### LED Life / Failure Ratio

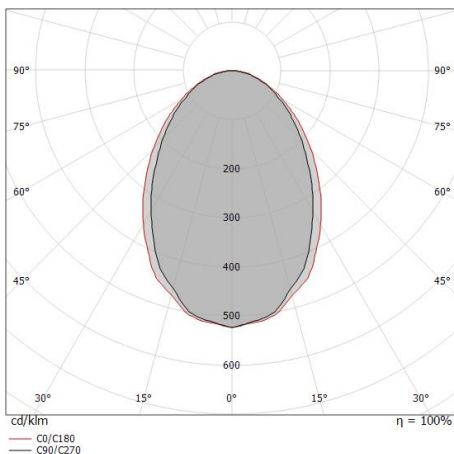
L70 B10 C0 145770h (at Tj 65 Ta 25)

### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 25.4     |
| UGR transversal   | 25.9     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |                     |
|-----------------------------|---------------------|
| C90/C270 optics             | 74°                 |
| C0/C180 optics              | 82°                 |
| Light distribution simmetry | Symmetrical 2 assis |



| Distance [m] | Cone diameter [m] | illuminance [lx]                      |
|--------------|-------------------|---------------------------------------|
| 0.5          | 0.76<br>0.86      | E(0°) 1256<br>E(C90) 318<br>E(C0) 273 |
| 1.0          | 1.52<br>1.73      | E(0°) 314<br>E(C90) 80<br>E(C0) 68    |
| 1.5          | 2.28<br>2.59      | E(0°) 140<br>E(C90) 35<br>E(C0) 30    |
| 2.0          | 3.04<br>3.45      | E(0°) 79<br>E(C90) 20<br>E(C0) 17     |
| 2.5          | 3.80<br>4.32      | E(0°) 50<br>E(C90) 13<br>E(C0) 11     |
| 3.0          | 4.55<br>5.18      | E(0°) 35<br>E(C90) 9<br>E(C0) 8       |

— C0/C180 (Half-peak divergence: 81.6°)  
— C90/C270 (Half-peak divergence: 74.4°)