



Wandleuchten | 176-264 V AC /176-280 V DC  
48 topLED 9.9 W DC - 11 W AC | CRI 80  
**76972W00**



| Technische Daten                                    |                |
|---|----------------|
| Typ   | Oberfläche     |
| Installationsposition                               | Wand           |
| Installationsumgebung                               | Outdoor        |
| Lichtquelle   | LED            |
| Circuit structure                                   | topLED         |
| Optik   | Diffuses       |
| Light emission direction                            | downward       |
| Lampe Nennleistung                                  | 9.9 W DC       |
| Gesamtleistung                                      | 11 W           |
| Lichtstrom (Lichtquelle)                            | 1446 lm        |
| Nominale Eingangsspannung                           | 220 - 240 V AC |
| Eingangsspannungsbereich                            | 176 - 264 V AC |
| Frequency   | 50 - 60 Hz     |
| Ähnlichste Farbtemperatur / Tone                    | 3000 K         |
| Farbwiedergabeindex                                 | 80 Ra          |
| Gleichstrom/Gleichspannung                          | AC             |
| Isolierklasse                                       | 1              |
| IP  | IP65           |
| IK  | IK06           |
| Glühdrahtprüfung                                    | 850°           |
| Direkte Montage auf normal entflammaren Oberflächen | Nein           |
| CE  | Ja             |
| Einschließlich Driver                               | Driver         |
| Leuchte dimmbar                                     | Nein           |
| Schwenkbarkeit                                      | Nein           |
| Drehbarkeit   | Nein           |
| Begehbarkeit  | Nein           |
| Überrollbarkeit                                     | Nein           |
| Einschließlich Kabel                                | Nein           |
| Harzbeschichtung                                    | Nein           |
| Typ Lichtabstrahlung                                | Einflammig     |
| Nettogewicht  | 1.484 Kg       |
| Schutz vor elektrostatischen Entladungen            | Ja             |
| Schutz vor Stoßspannungen                           | 0.5 KV         |

### Oberfläche Gehäuse

|                 |  |
|-----------------|--|
| Material        | Stranggepresstes Aluminium EN AB - 46100 |
| Farbe           | Dark brown                               |
| Bearbeitungstyp | Pulverbeschichtung                       |

### Oberfläche Diffusor

|                 |  |
|-----------------|--|
| Material        | Polycarbonat UV-beständige - Extra-helles Glas |
| Farbe           | Schwarz - transparent                          |
| Bearbeitungstyp | Siebdruck                                      |

### Oberfläche bügel

|          |                |
|----------|----------------|
| Material | Stahl AISI 304 |
| Farbe    | Stahl          |

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Single emission wall lights for outdoor application. The warm white LED light source with a diffused light distribution is composed of 48 topLED LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 1446 lm, with a 146.1 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a dark brown 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.

### Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

### Illuminotechnical Eigenschaften

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 43 %           |
| Lichtstrom (Lichtquelle)              | 1446 lm        |
| Leuchten Lichtstrom                   | 627 lm         |
| Consumption                           | 11 W           |
| Leuchten Lichtausbeute                | 57 lm/W        |
| Farbtemperatur                        | 3000 K         |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex                   | 80 Ra          |
| Standardumgebungstemperatur           | -20 / +50°C    |
| Typische Temperatur am Glas           | 40°C           |

### LED Life / Failure Ratio

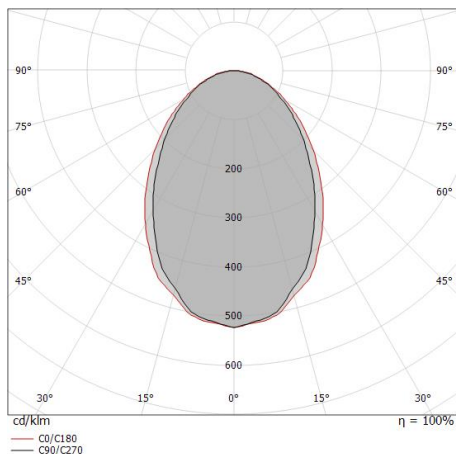
L70 B10 C0 145770h (at Tj 65 Ta 25 )

### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 25.6     |
| UGR transversal   | 26       |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

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



| Distance [m] | Cone diameter [m] | illuminance [lx]                                  |
|--------------|-------------------|---|
| 0.5          | 0.76<br>0.86      | E(0°) 1313<br>E(C90) 37.2° 333<br>E(C0) 40.8° 285 |
| 1.0          | 1.52<br>1.73      | E(0°) 328<br>E(C90) 37.2° 83<br>E(C0) 40.8° 71    |
| 1.5          | 2.28<br>2.59      | E(0°) 146<br>E(C90) 37.2° 37<br>E(C0) 40.8° 32    |
| 2.0          | 3.04<br>3.45      | E(0°) 82<br>E(C90) 37.2° 21<br>E(C0) 40.8° 18     |
| 2.5          | 3.80<br>4.32      | E(0°) 53<br>E(C90) 37.2° 13<br>E(C0) 40.8° 11     |
| 3.0          | 4.55<br>5.18      | E(0°) 36<br>E(C90) 37.2° 9<br>E(C0) 40.8° 8       |

Distance [m] Cone diameter [m] illuminance [lx]

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