

Poller & Mastaufsatzleuchten | 200-264 V  
18 topLED 11 W DC - 12 W AC | CRI 90  
**8660M**



101 |  | 54

Ø 197 | 

| Technische Daten                                    |                |
|-----------------------------------------------------|----------------|
| Typ                                                 | Poller         |
| Installationsposition                               | Boden          |
| Installationsumgebung                               | Outdoor        |
| Lichtquelle                                         | LED            |
| Circuit structure                                   | topLED         |
| Optik                                               | Diffuses       |
| Light emission direction                            | downward       |
| Lampe Nennleistung                                  | 11 W DC        |
| Gesamtleistung                                      | 12 W           |
| Lichtstrom (Lichtquelle)                            | 1282 lm        |
| Nominale Eingangsspannung                           | 220 - 240 V AC |
| Eingangsspannungsbereich                            | 200 - 264 V AC |
| Frequency                                           | 50 - 60 Hz     |
| Ähnlichste Farbtemperatur / Tone                    | 2700 K         |
| Farbwiedergabeindex                                 | 90 Ra          |
| Gleichstrom/Gleichspannung                          | AC             |
| Isolierklasse                                       | 2              |
| IP                                                  | IP65           |
| IK                                                  | IK10           |
| Glühdrahtprüfung                                    | 850°           |
| Direkte Montage auf normal entflammaren Oberflächen | Ja             |
| CE                                                  | Ja             |
| Einschließlich Driver                               | Driver         |
| Leuchte dimmbar                                     | Nein           |
| Schwenkbarkeit                                      | Nein           |
| Drehbarkeit                                         | Nein           |
| Begehbarkeit                                        | Nein           |
| Überrollbarkeit                                     | Nein           |
| Einschließlich Kabel                                | Ja             |
| Kabellänge                                          | 0.3 m          |
| Harzbeschichtung                                    | Nein           |
| Typ Lichtabstrahlung                                | Einflammig     |
| Nettogewicht                                        | 0.720 Kg       |
| Schutz vor elektrostatischen Entladungen            | Ja             |
| Schutz vor Stoßspannungen                           | 1 KV           |

| Oberfläche Oberfläche Gehäuse  |                      |
|--------------------------------|----------------------|
| Material                       | PC                   |
| Farbe                          | Black                |
| Oberfläche Oberfläche diffusor |                      |
| Material                       | PE                   |
| Farbe                          | Natural polyethilene |

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Single emission bollard & pole for outdoor application. The super warm white LED light source with a diffused light distribution is composed of 18 topLEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 1282 lm, with a 116.5 lm/W nominal luminous efficacy.

The device body is made of PC and features a black finish; the diffuser is made of pe.

The ingress protection degree is IP65; the total weight is of 0.720 kg.

The total absorbed power is 12 W The power supply cable is included and features a 0.3 m length.

The device features protection class II and can be floor-mounted.

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

#### Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

#### Illuminotechnical Eigenschaften

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 71 %           |
| Lichtstrom (Lichtquelle)              | 1282 lm        |
| Leuchten Lichtstrom                   | 921 lm         |
| Consumption                           | 12 W           |
| Leuchten Lichtausbeute                | 76 lm/W        |
| Farbtemperatur                        | 2700 K         |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex                   | 90 Ra          |
| Verbindungstemperatur (Leuchte)       | 80             |
| Standardumgebungstemperatur           | -20 / +50°C    |

#### LED Life / Failure Ratio

L70 B10 C0 102000h

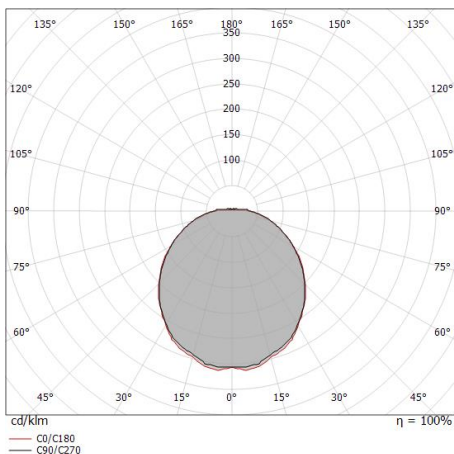
L90 B10 C0 55000h

#### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 21.9     |
| UGR transversal   | 21.8     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

#### OPTICAL

|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 112°        |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | Illuminance [lx]                     |
|--------------|-------------------|--------------------------------------|
| 0.5          | 1.51<br>1.49      | E(0°) 1125<br>E(C90) 95<br>E(C0) 100 |
| 1.0          | 3.02<br>2.98      | E(0°) 281<br>E(C90) 24<br>E(C0) 25   |
| 1.5          | 4.53<br>4.46      | E(0°) 125<br>E(C90) 11<br>E(C0) 11   |
| 2.0          | 6.04<br>5.95      | E(0°) 70<br>E(C90) 6<br>E(C0) 6      |
| 2.5          | 7.55<br>7.44      | E(0°) 45<br>E(C90) 4<br>E(C0) 4      |
| 3.0          | 9.07<br>8.93      | E(0°) 31<br>E(C90) 3<br>E(C0) 3      |

— C0/C180 (Half-peak divergence: 112.2°)  
— C90/C270 (Half-peak divergence: 113.0°)

Bond\_Head | Bollard & Pole | Accessories  
**8660M**



Stecker  
Querschnitt 2.5 mm<sup>2</sup>; farben: schwarz.

**Code**  
KIT0083