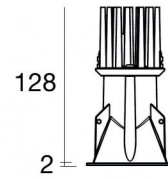




Downlights | 1 x powerLED 10 W DC 800 mA | CRI 92  
**90771M60**



□71



64

| Technische Daten                                    |                   |
|---|-------------------|
| Installationsposition                               | Decke             |
| Installationsumgebung                               | Indoor            |
| Lichtquelle   | LED               |
| Circuit structure                                   | powerLED          |
| Optik   | Medium Wide Flood |
| Light emission direction                            | downward          |
| Lampe Nennleistung                                  | 10 W DC           |
| Lichtstrom (Lichtquelle)                            | 960 lm            |
| Eingangsspannungsbereich                            | 800mA             |
| Ähnlichste Farbtemperatur / Tone                    | 2700 K            |
| Farbwiedergabeindex                                 | 92 Ra             |
| Gleichstrom/Gleichspannung                          | CC                |
| Isolierklasse                                       | 3                 |
| IP  | IP44              |
| IP optisches System                                 | IP65              |
| Glühdrahtprüfung                                    | 850°              |
| Direkte Montage auf normal entflammaren Oberflächen | Ja                |
| CE  | Ja                |
| Einschließlich Driver                               | Nein              |
| Leuchte dimmbar                                     | DALI - 1-10V      |
| Schwenkbarkeit                                      | Nein              |
| Drehbarkeit   | Nein              |
| Begehbarkeit  | Nein              |
| Überrollbarkeit                                     | Nein              |
| Einschließlich Kabel                                | Nein              |
| Harzbeschichtung                                    | Nein              |
| Typ Lichtabstrahlung                                | Einflammig        |
| Nettogewicht  | 0.250 Kg          |
| Schutz vor elektrostatischen Entladungen            | Nein              |
| Schutz vor Stoßspannungen                           | Nein              |
| Optiktechnologie                                    | F.O.L.            |
| Technische Merkmale des Produkts                    | TVS               |

### Oberfläche Gehäuse

|                 |  |
|-----------------|--|
| Material        | Stranggepresstes Aluminium EN AB - 46100 |
| Farbe           | Schwarz                                  |
| Bearbeitungstyp | Pulverbeschichtung                       |

### Oberfläche Diffusor

|          |                            |
|----------|----------------------------|
| Material | Polycarbonat UV-beständige |
| Farbe    | transparent                |

### Oberfläche strahler

|                 |  |
|-----------------|--|
| Material        | Stranggepresstes Aluminium EN AB - 46100 |
| Bearbeitungstyp | Trommelung                               |

### Elektronik



99135  
On/Off Driver 198~264V AC (1 - 3 art.)



99345  
DALI - Push and Simply Dim Multi Power 198~264V AC / 176~275V DC (1 - 3 art.)



99735  
Multi Power 198~264V AC / 180~275V DC (1 art.)



99733  
1-10V Multi Power 198~264V AC / 180~275V DC (1 art.)



C-E100013  
Push and Simply Dim - DALI-2 Controller (1 art.)

Downlights | 1 x powerLED 10 W DC 800 mA | CRI 92  
**90771M60**

Single emission recessed downlights for indoor application. The super warm white LED light source with a medium wide flood light distribution is composed of 1 powerLED LEDs with CCT of 2700 K and a CRI 92; the source luminous flux is 960 lm, with a 96.0 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 uv resistant polycarbonate. The ingress protection degree is IP44; the total weight is of 0.250 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 10 W.

The device features protection class III and can be ceiling-mounted, with a 64 x 64 mm hole (in plasterboard).

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

### Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

### Illuminotechnical Eigenschaften

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 59 %           |
| Lichtstrom (Lichtquelle)              | 960 lm         |
| Leuchten Lichtstrom                   | 573 lm         |
| Consumption                           | 10 W           |
| Leuchten Lichtausbeute                | 57 lm/W        |
| Farbtemperatur                        | 2700 K         |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Farbwiedergabeindex                   | 92 Ra          |
| Black Body Locus                      | On             |
| Standardumgebungstemperatur           | -20 / +50°C    |
| Typische Temperatur am Glas           | 40°C           |

### LED Life / Failure Ratio

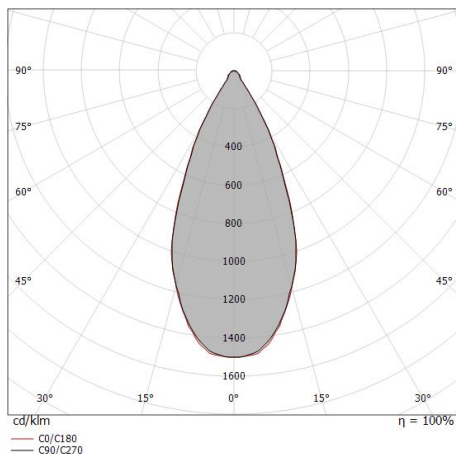
L70 B10 C0 247450h (at Tj 60 Ta 25 )

### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 18.5     |
| UGR transversal   | 18.6     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 46°         |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | illuminance [lx]                        |
|--------------|-------------------|---|
| 0.5          | 0.42<br>0.42      | E(0°) 3444<br>E(C90) 1361<br>E(C0) 1358 |
| 1.0          | 0.84<br>0.84      | E(0°) 861<br>E(C90) 340<br>E(C0) 340    |
| 1.5          | 1.26<br>1.27      | E(0°) 383<br>E(C90) 151<br>E(C0) 151    |
| 2.0          | 1.68<br>1.68      | E(0°) 215<br>E(C90) 85<br>E(C0) 85      |
| 2.5          | 2.10<br>2.11      | E(0°) 138<br>E(C90) 54<br>E(C0) 54      |
| 3.0          | 2.52<br>2.53      | E(0°) 96<br>E(C90) 38<br>E(C0) 38       |

— C0/C180 (Half-peak divergence: 45.8°)  
 — C90/C270 (Half-peak divergence: 45.6°)

### COLOR VECTOR GRAPHIC

