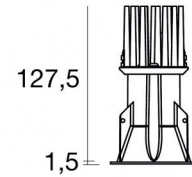




Downlights | 1 x powerLED 10 W DC 800 mA | CRI 92  
**90766N30**



Ø71

64

| Technische Daten                                    |                     |
|---|---------------------|
| Installationsposition                               | Decke               |
| Installationsumgebung                               | Indoor              |
| Lichtquelle   | LED                 |
| Circuit structure                                   | powerLED            |
| Optik   | Flood               |
| Light emission direction                            | downward            |
| Lampe Nennleistung                                  | 10 W DC             |
| Lichtstrom (Lichtquelle)                            | 1108 lm             |
| Eingangsspannungsbereich                            | 800mA               |
| Ähnlichste Farbtemperatur / Tone                    | 4000 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. - Honey comb |
| Technische Merkmale des Produkts                    | TVS                 |

### Oberfläche Gehäuse

|                 |  |
|-----------------|--|
| Material        | Stranggepresstes Aluminium EN AB - 46100 |
| Farbe           | Weiß                                     |
| 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



99345  
DALI - Push and Simply Dim Multi Power 198~264V AC / 176~275V DC



99735  
Multi Power 198~264V AC / 180~275V DC



99733  
1-10V Multi Power 198~264V AC / 180~275V DC



C-E100013  
Push and Simply Dim - DALI-2 Controller

Downlights | 1 x powerLED 10 W DC 800 mA | CRI 92  
**90766N30**

Single emission recessed downlights for indoor application. The natural white LED light source with a flood light distribution is composed of 1 powerLEDs with CCT of 4000 K and a CRI 92; the source luminous flux is 1108 lm, with a 110.8 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a white 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 mm diameter hole (in plasterboard).

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

### Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

### Illuminotechnical Eigenschaften

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 50 %           |
| Lichtstrom (Lichtquelle)              | 1108 lm        |
| Leuchten Lichtstrom                   | 564 lm         |
| Consumption                           | 10 W           |
| Leuchten Lichtausbeute                | 56 lm/W        |
| Farbtemperatur                        | 4000 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

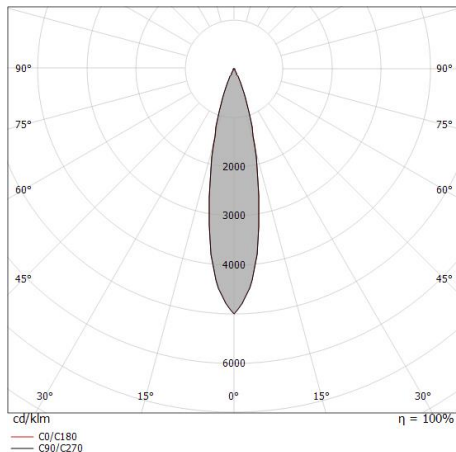
L70 B10 C0 247450h (at Tj 60 Ta 25 )

### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 14.1     |
| UGR transversal   | 14.3     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 23°         |
| Light distribution simmetry | Symmetrical |



| Distance [m] | Cone diameter [m] | illuminance [lx]                                     |
|--------------|-------------------|--|
| 0.5          | 0.20<br>0.20      | E(0°) 11286<br>E(C90) 11.5° 5330<br>E(C0) 11.4° 5368 |
| 1.0          | 0.41<br>0.40      | E(0°) 2822<br>E(C90) 11.5° 1333<br>E(C0) 11.4° 1342  |
| 1.5          | 0.61<br>0.60      | E(0°) 1254<br>E(C90) 11.5° 592<br>E(C0) 11.4° 596    |
| 2.0          | 0.81<br>0.81      | E(0°) 705<br>E(C90) 11.5° 333<br>E(C0) 11.4° 335     |
| 2.5          | 1.02<br>1.01      | E(0°) 451<br>E(C90) 11.5° 213<br>E(C0) 11.4° 215     |
| 3.0          | 1.22<br>1.21      | E(0°) 314<br>E(C90) 11.5° 148<br>E(C0) 11.4° 149     |

— C0/C180 (Half-peak divergence: 22.8°)  
 — C90/C270 (Half-peak divergence: 23.0°)

