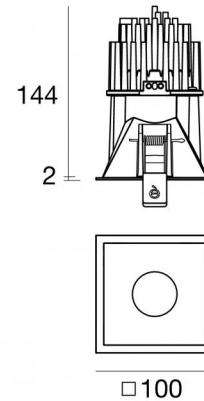




Downlights | 1 arrayLED 15 W DC 400 mA | CRI 92
90789W15



91

| Technische Daten | |
|---|--------------|
| Installationsposition | Decke |
| Installationsumgebung | Indoor |
| Lichtquelle | LED |
| Circuit structure | arrayLED |
| Optik | Spot |
| Lampe Nennleistung | 15 W DC |
| Lichtstrom (Lichtquelle) | 1677 lm |
| Eingangsspannungsbereich | 400mA |
| Ähnlichste Farbtemperatur / Tone | 3000 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 | Ja |
| Kabellänge | 0.300 m |
| Harzbeschichtung | Nein |
| Typ Lichtabstrahlung | Einflammig |
| Nettogewicht | 0.511 Kg |
| Schutz vor elektrostatischen Entladungen | Nein |
| Schutz vor Stoßspannungen | Nein |
| Optiktechnologie | Honey comb |

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

 99740
Multi Power 198~264V AC / 180~275V DC (1 art.)

 99739
1-10V Multi Power 198~264V AC / 180~275V DC (1 art.)

 C-E100032
Push and Simply Dim - DALI-2 Controller (1 art.)



Downlights | 1 arrayLED 15 W DC 400 mA | CRI 92 90789W15

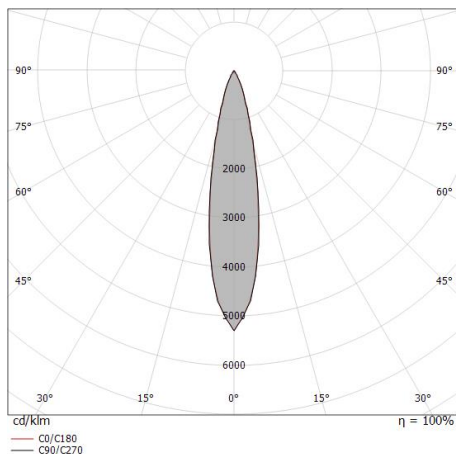
Single emission recessed downlights for indoor application. The warm white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 92; the source luminous flux is 1677 lm, with a 111.8 lm/W nominal luminous efficacy.

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 uv resistant polycarbonate. The ingress protection degree is IP44; the total weight is of 0.511 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 15 W. The power supply cable is included and features a 0.300 m length.

The device features protection class III and can be ceiling-mounted, with a 91 x 91 mm hole (in plasterboard).

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



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|--|
| 0.5 | 0.19 0.19 | E(0°) 19335 E(C90) 10.7° 9202 E(C0) 10.6° 9204 |
| 1.0 | 0.38 0.37 | E(0°) 4834 E(C90) 10.7° 2300 E(C0) 10.6° 2301 |
| 1.5 | 0.57 0.56 | E(0°) 2148 E(C90) 10.7° 1022 E(C0) 10.6° 1023 |
| 2.0 | 0.76 0.75 | E(0°) 1208 E(C90) 10.7° 575 E(C0) 10.6° 575 |
| 2.5 | 0.94 0.94 | E(0°) 773 E(C90) 10.7° 368 E(C0) 10.6° 368 |
| 3.0 | 1.13 1.12 | E(0°) 537 E(C90) 10.7° 256 E(C0) 10.6° 256 |

— C0/C180 (Half-peak divergence: 21.2°)
— C90/C270 (Half-peak divergence: 21.4°)

Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

Illuminotechnical Eigenschaften

| | |
|---------------------------------------|----------------|
| Light Output Ratio (LOR) | 54 % |
| Lichtstrom (Lichtquelle) | 1677 lm |
| Leuchten Lichtstrom | 913 lm |
| Consumption | 15 W |
| Leuchten Lichtausbeute | 60 lm/W |
| Farbtemperatur | 3000 K |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Farbwiedergabeindex | 92 Ra |
| Gamut Area Index | 59 GAI |
| Colour Rendering Index | 56 R9 |
| IES TM-30 Rf | 91 |
| IES TM-30 Rg | 100 |
| Black Body Locus | On |
| Standardumgebungstemperatur | -20 / +50°C |
| Typische Temperatur am Glas | 40°C |

LED Life / Failure Ratio

L70 B10 C0 296960h (at Tj 65 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 9.8 |
| UGR transversal | 9.9 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| Optik C0/C180 | 21° |
| Light distribution simmetry | Symmetrical |

COLOR VECTOR GRAPHIC

