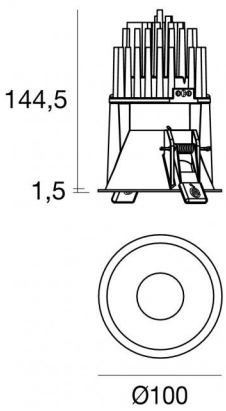
Downlights | 1 arrayLED 15 W DC 400 mA | CRI 90

**90780N60**








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| Technische Daten | |
|---|---|
| Installationsposition | Decke |
| Installationsumgebung | Indoor |
| Lichtquelle | LED |
| Circuit structure | arrayLED |
| Optik | Medium Wide Flood |
| Light emission direction | downward |
| Lampe Nennleistung | 15 W DC |
| Lichtstrom (Lichtquelle) | 2411 lm |
| Eingangsspannungsbereich | 400mA |
| Ähnlichste Farbtemperatur / Tone | 4000 K |
| Farbwiedergabeindex | 90 Ra |
| Gleichstrom/Gleichspannung | CC |
| Isolierklasse | 3 |
| IP | IP44 |
| IP optisches System | IP65 |
| Glühdrahtprüfung | 850° |
| Direkte Montage auf normal entflammbaren 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 |
| Einbautiefe | 144,5 mm |
| Typ Lichtabstrahlung | Einflammig |
| Nettogewicht | 0.511 Kg |
| Schutz vor elektrostatischen Entladungen | Nein |
| Schutz vor Stoßspannungen | Nein |
| Optiktechnologie | Honey comb |

| Oberfläche Oberfläche Gehäuse | |
|---|---|
| Material | Stranggepresstes Aluminium EN AB - 46100 |
| Farbe | Text white RAL9003 |
| Bearbeitungstyp | Pulverbeschichtung mit duroplastischen Pulvern |

| Oberfläche Oberfläche diffusor | |
|---|---|
| Material | UV beständiges Polycarbonat |
| Farbe | Transparent |

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

**Elektronik**



99740
Multi Power 198~264V AC / 180~275V DC



99739
1-10V Multi Power 198~264V AC / V DC



C-E100032
Push and Simply Dim - DALI-2 Controller

| Cables Electrification | |
|---|---|
| Cable connector | Male Easy plug |
| IP (locked condition) | 66 |



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Downlights | 1 arrayLED 15 W DC 400 mA | CRI 90
**90780N60**

Single emission recessed downlights for indoor application. The natural white LED light source with a medium wide flood light distribution is composed of 1 arrayled LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 2411 lm, with a 160.7 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a text white ral9003 finish, processed by means of powder coating with thermosetting powders; 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.

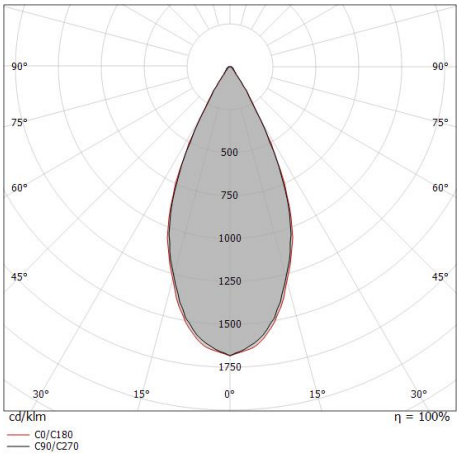
The device features protection class III and can be ceiling-mounted, with a 92 mm diameter hole (in plasterboard).

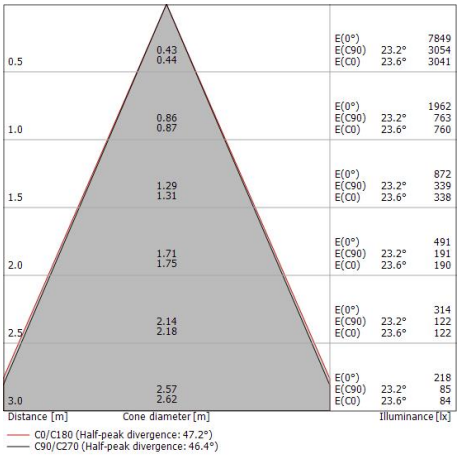
Compliant with the EN 60598-1 standard and its specific provisions.

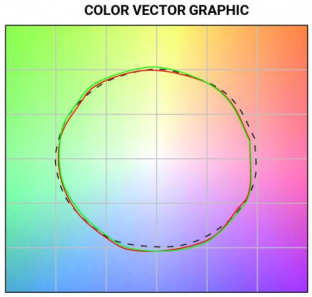
| **Energieeffizienzklasse** |
|---|
| Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D. |

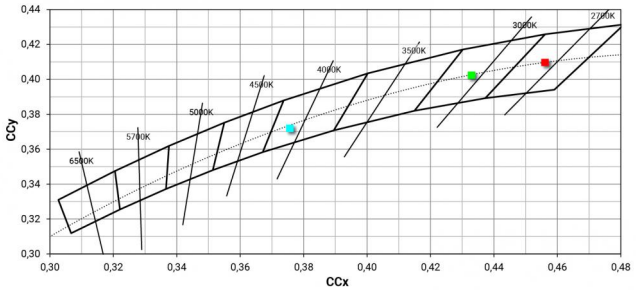
| **Illuminotechnical Eigenschaften** | |
|---|---|
| Lichtstrom (Lichtquelle) | 2411 lm |
| Farbtemperatur | 4000 K |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Farbwiedergabeindex | 90 Ra |
| Colour Rendering Index | 60 R9 |
| Black Body Locus | On |
| Standardumgebungstemperatur | -20 / +50°C |
| Typische Temperatur am Glas | 40°C |

| **LED Life / Failure Ratio** |
|---|
| L70 B10 C0 237566h (at Tj 65  Ta 25 ) |
| L80 B10 C0 148737h (at Tj 65  Ta 25 ) |
| L90 B10 C0 70385h (at Tj 65  Ta 25 ) |






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