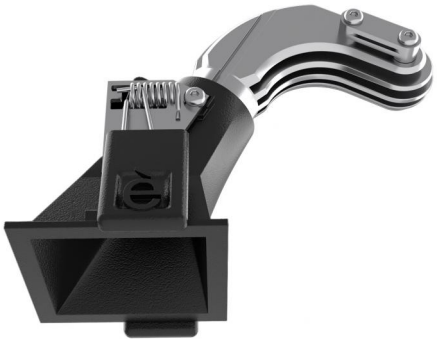
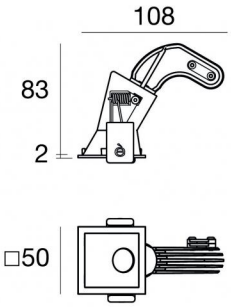
Downlights | 1 x powerLED 4 W DC 350 mA | CRI 80

**90841M60**








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| Technische Daten | |
|---|---|
| Installationsposition | Decke |
| Installationsumgebung | Indoor |
| Lichtquelle | LED |
| Circuit structure | powerLED |
| Optik | Medium Wide Flood |
| Light emission direction | downward |
| Lampe Nennleistung | 4 W DC |
| Lichtstrom (Lichtquelle) | 490 lm |
| Eingangsspannungsbereich | 350mA |
| Ähnlichste Farbtemperatur / Tone | 2700 K |
| Farbwiedergabeindex | 80 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 | 0.170 m |
| Harzbeschichtung | Nein |
| Einbautiefe | 83 mm |
| Typ Lichtabstrahlung | Einflammig |
| Nettogewicht | 0.078 Kg |
| Schutz vor elektrostatischen Entladungen | Nein |
| Schutz vor Stoßspannungen | Nein |
| Optiktechnologie | Honey comb |
| Technische Merkmale des Produkts | TVS |

| Oberfläche Oberfläche Gehäuse | |
|---|---|
| Material | Stranggepresstes Aluminium EN AB - 46100 |
| Farbe | Text black RAL9005 |
| Bearbeitungstyp | Pulverbeschichtung mit duroplastischen Pulvern |

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

| Oberfläche Oberfläche strahler | |
|---|---|
| Material | Stranggepresstes Aluminium EN AB - 46100 |
| Farbe | Aluminium |
| Bearbeitungstyp | Polieren |

**Elektronik**



99115
1-10V - N/O button Multi Power 198~264V AC / V DC (1 - 3 art.)



99114
DALI - Push and Simply Dim Multi Power 198~264V AC / 180~275V DC (1 - 3 art.)



89145
On/Off Driver 198~264V AC / 180~275V DC (1 art.)

| Cables Electrification | |
|---|---|
| Cable connector | No |



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Downlights | 1 x powerLED 4 W DC 350 mA | CRI 80
**90841M60**

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 80; the source luminous flux is 490 lm, with a 122.5 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a text black ral9005 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 0.078 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 4 W The power supply cable is included and features a 0.170 m length.

The device features protection class III and can be ceiling-mounted, with a 46 x 46 mm hole (in plasterboard).

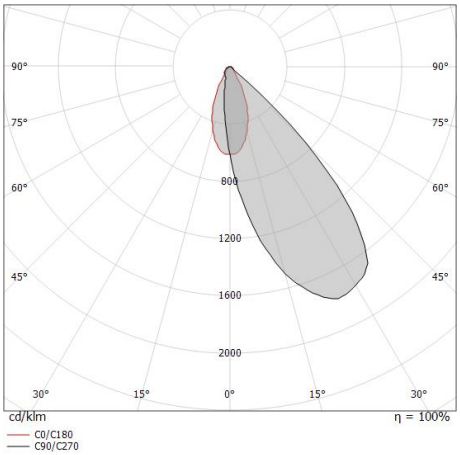
Compliant with the EN 60598-1 standard and its specific provisions.

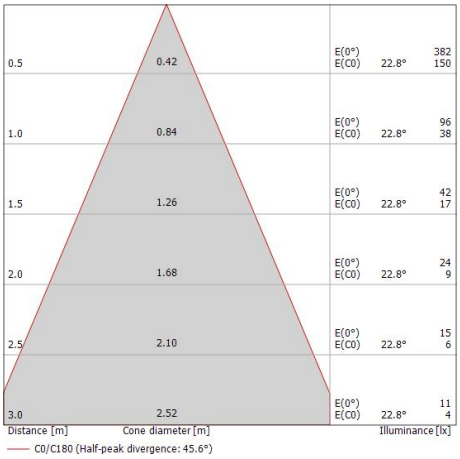
| **Energieeffizienzklasse** |
|---|
| Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E. |

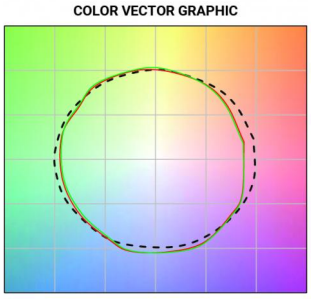
| **Illuminotechnical Eigenschaften** | |
|---|---|
| Light Output Ratio (LOR) | 31 % |
| Lichtstrom (Lichtquelle) | 490 lm |
| Leuchten Lichtstrom | 156 lm |
| Consumption | 4 W |
| Leuchten Lichtausbeute | 39 lm/W |
| Farbtemperatur | 2700 K |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex | 80 Ra |
| Black Body Locus | On |
| Standardumgebungstemperatur | -20 / +50°C |
| Typische Temperatur am Glas | 40°C |

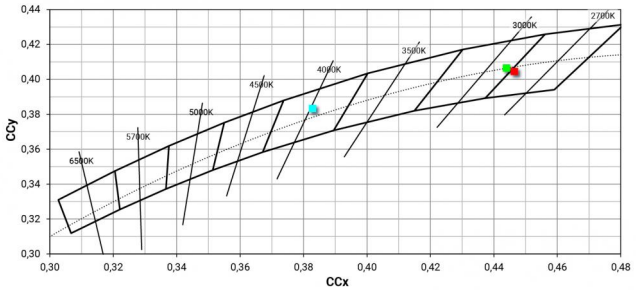
| **LED Life / Failure Ratio** |
|---|
| L70 B10 C0 716641h (at Tj 65  Ta 25 ) |
| L80 B10 C0 445035h (at Tj 65  Ta 25 ) |
| L90 B10 C0 205461h (at Tj 65  Ta 25 ) |

| **OPTICAL** | |
|---|---|
| Optik C0/C180 | 46° |
| Light distribution simmetry | Asymmetrical |






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