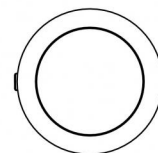
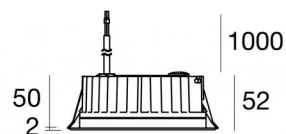




Downlights | 1 arrayLED 12 W AC 200-264 V AC

CRI 80

76181N15



Ø138

| Technische Daten | |
|---|------------|
| Installationsposition | Decke |
| Installationsumgebung | Outdoor |
| Lichtquelle | LED |
| Circuit structure | arrayLED |
| Optik | Spot |
| Light emission direction | internal |
| Lampe Nennleistung | 12 W AC |
| Lichtstrom (Lichtquelle) | 1316 lm |
| Ähnlichste Farbtemperatur / Tone | 4000 K |
| Farbwiedergabeindex | 80 Ra |
| Gleichstrom/Gleichspannung | AC |
| Isolierklasse | 1 |
| IP | IP67 |
| IK | IK10 |
| Glühdrahtprüfung | 850° |
| Direkte Montage auf normal entflammaren Oberflächen | Ja |
| CE | Ja |
| Leuchte dimmbar | Nein |
| Schwenkbarkeit | Nein |
| Drehbarkeit | Nein |
| Begehbarkeit | Nein |
| Überrollbarkeit | Nein |
| Einschließlich Kabel | Ja |
| Kabellänge | 1 m |
| Harzbeschichtung | Ja |
| Typ Lichtabstrahlung | Einflammig |
| Nettogewicht | 0.9 Kg |
| Schutz vor elektrostatischen Entladungen | Nein |
| Schutz vor Stoßspannungen | 1.5 KV |
| Technische Merkmale des Produkts | Acquastop |

Oberfläche Gehäuse

| | |
|-----------------|---|
| Material | Stranggepresstes Aluminium EN AB - 46100 |
| Farbe | Schwarz |
| Bearbeitungstyp | Offenporige Anodisierung + Pulverlackierung |

Oberfläche Diffusor

| | |
|-----------------|------------------------------|
| Material | Extra-helles Glas - Gehärtet |
| Farbe | transparent |
| Bearbeitungstyp | Siebdruck |

Oberfläche flansch

| | |
|-----------------|-----------------|
| Material | Stahl AISI 316L |
| Farbe | Stahl |
| Bearbeitungstyp | Bürsten |

Cables Electrification

| | |
|-----------------|----|
| Cable connector | No |
|-----------------|----|

Downlights | 1 arrayLED 12 W AC 200-264 V AC | CRI 80 76181N15

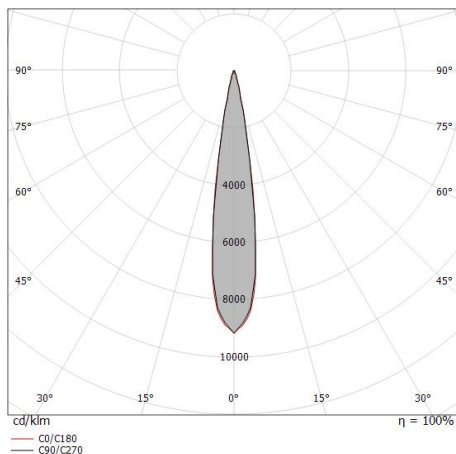
Single emission recessed downlights for outdoor application. The natural white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 1316 lm, with a 109.7 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. The ingress protection degree is IP67; the total weight is of 0.9 kg.

The total absorbed power is 12 W. The power supply cable is included and features a 1 m length.

The device features protection class I and can be ceiling-mounted, with a 127 mm diameter hole (in plasterboard) with an outer casing, code 99749(for concrete or masonry).

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



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|--|
| 0.5 | 0.15 0.15 | E(0°) 32591 E(C90) 8.5° 15926 E(C0) 8.6° 15820 |
| 1.0 | 0.30 0.30 | E(0°) 8148 E(C90) 8.5° 3981 E(C0) 8.6° 3955 |
| 1.5 | 0.45 0.45 | E(0°) 3621 E(C90) 8.5° 1770 E(C0) 8.6° 1758 |
| 2.0 | 0.60 0.60 | E(0°) 2037 E(C90) 8.5° 995 E(C0) 8.6° 989 |
| 2.5 | 0.75 0.76 | E(0°) 1304 E(C90) 8.5° 637 E(C0) 8.6° 633 |
| 3.0 | 0.90 0.91 | E(0°) 905 E(C90) 8.5° 442 E(C0) 8.6° 439 |

— C0/C180 (Half-peak divergence: 17.2°)
— C90/C270 (Half-peak divergence: 17.0°)

Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

Illuminotechnical Eigenschaften

| | |
|---------------------------------------|----------------|
| Light Output Ratio (LOR) | 67 % |
| Lichtstrom (Lichtquelle) | 1316 lm |
| Leuchten Lichtstrom | 889 lm |
| Consumption | 12 W |
| Leuchten Lichtausbeute | 74 lm/W |
| Farbtemperatur | 4000 K |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex | 80 Ra |
| Standardumgebungstemperatur | -20 / +50°C |
| Typische Temperatur am Glas | 40°C |

UGR

| | |
|-------------------|----------|
| UGR axial | 13.2 |
| UGR transversal | 13.2 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| Optik C0/C180 | 17° |
| Light distribution simmetry | Symmetrical |



Einbaugehäuse - (zu ergänzen mit Universalgrill 99750)

installationsposition: decke; typ installation: mauerwerk L=290mm, H=125mm, D=190mm

Code

99749



Zubehör für Außengehäuse - Universalgitter für Außengehäuse 99749

Code

99750