



Downlights | 198-264 V | 1 arrayLED 7.2 W DC - 8.5 W AC | CRI 80
81840N30

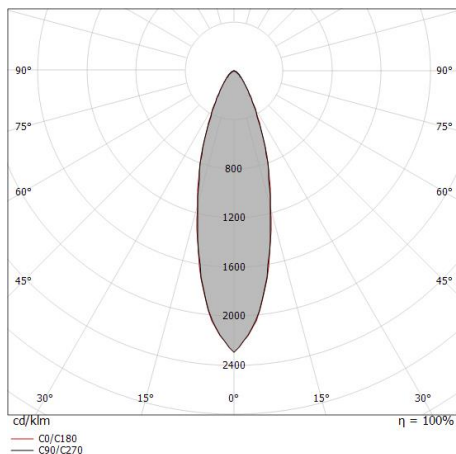
Single emission recessed downlights for outdoor application. The natural white LED light source with a medium flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 1114 lm, with a 154.7 lm/W nominal luminous efficacy.

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. The ingress protection degree is IP67; the total weight is of 1 kg.

The total absorbed power is 8.5 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 96 mm diameter hole (in plasterboard) with an outer casing, code 99673(for concrete or masonry).

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.27 0.27	E(0°) 5539 E(C90) 2503 E(C0) 2507
1.0	0.53 0.54	E(0°) 1385 E(C90) 626 E(C0) 627
1.5	0.80 0.80	E(0°) 615 E(C90) 278 E(C0) 279
2.0	1.06 1.07	E(0°) 346 E(C90) 156 E(C0) 157
2.5	1.33 1.34	E(0°) 222 E(C90) 100 E(C0) 100
3.0	1.60 1.61	E(0°) 154 E(C90) 70 E(C0) 70

— C0/C180 (Half-peak divergence: 30.0°)
 — C90/C270 (Half-peak divergence: 29.8°)

Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	54 %
Lichtstrom (Lichtquelle)	1114 lm
Leuchten Lichtstrom	604 lm
Consumption	8.5 W
Leuchten Lichtausbeute	71 lm/W
Farbtemperatur	4000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	80 Ra

Standardumgebungstemperatur -20 / +50°C

Typische Temperatur am Glas 40°C

LED Life / Failure Ratio

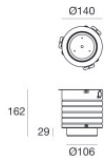
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	19.4
UGR transversal	19.4
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	30°
Light distribution simmetry	Symmetrical



Einbaugehäuse

installationsposition: decke; typ installation: mauerwerk .

Material:Grau.

Code

99673