

**Downlights | 1 arrayLED 4 W DC 350 mA | CRI 80
C00358SANSP**

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 666 lm, with a 166.5 lm/W nominal luminous efficacy.

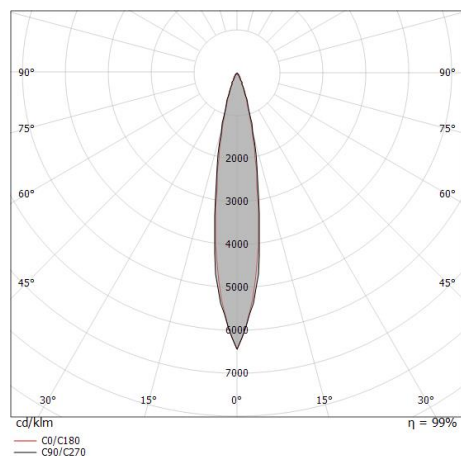
Product suitable for installations in coastal areas with high salinity and strong exposure to atmospheric agents.

The device body is made of die-cast aluminium en ab - 46100 and features a matt black (r9005) finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. Surface treatment of the product body through aluminum chemical conversion, followed by polyester powder coating, using exclusively coatings compliant with the Qualicoat standard. The product flange is made of steel, a material that ensures high robustness, superior mechanical strength and extended durability, guaranteeing maximum component reliability over time.

The ingress protection degree is IP67; the total weight is of 0.45 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 1 m length.

The device features protection class III and can be ceiling-mounted, with a 69 x 69 mm hole (in plasterboard).



Distance [m]	Cone diameter [m]	illuminance [lx]	E(0°) E(C90) E(C0)
0.5	0.15 0.15	8124 3956 3934	9.2° 8.8°
1.0	0.32 0.31	2031 989 983	9.2° 8.8°
1.5	0.49 0.46	903 440 437	9.2° 8.8°
2.0	0.65 0.62	508 247 246	9.2° 8.8°
2.5	0.81 0.77	325 158 157	9.2° 8.8°
3.0	0.97 0.93	226 110 109	9.2° 8.8°

— C0/C180 (Half-peak divergence: 17.6°)
— C90/C270 (Half-peak divergence: 18.4°)

Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	47 %
Lichtstrom (Lichtquelle)	666 lm
Leuchten Lichtstrom	316 lm
Consumption	4 W
Leuchten Lichtausbeute	79 lm/W
Farbtemperatur	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	80 Ra
Black Body Locus	On
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	50°C

LED Life / Failure Ratio

L70 B10 C0 130200h

UGR

UGR axial	5.9
UGR transversal	5.9
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	18°
Light distribution symmetry	Symmetrical

