

Downlights | 198-264 V AC /176-280 V DC | arrayLED 23 W DC - 25 W AC | CRI 80
76843W30

Single emission recessed downlights for outdoor application. The warm white LED light source with a medium flood light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 3837 lm, with a 166.8 lm/W nominal luminous efficacy.

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. 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 3 kg.

The total absorbed power is 25 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 an outer casing, code 83328(for concrete or masonry).

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

Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	30 %
Lichtstrom (Lichtquelle)	3837 lm
Leuchten Lichtstrom	1175 lm
Consumption	25 W
Leuchten Lichtausbeute	47 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	80 Ra
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	65°C

LED Life / Failure Ratio

L70 B10 C0 237566h (at Tj 65 Ta 25)

L80 B10 C0 148737h (at Tj 65 Ta 25)

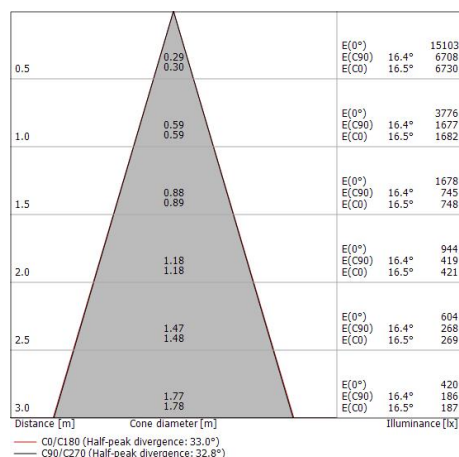
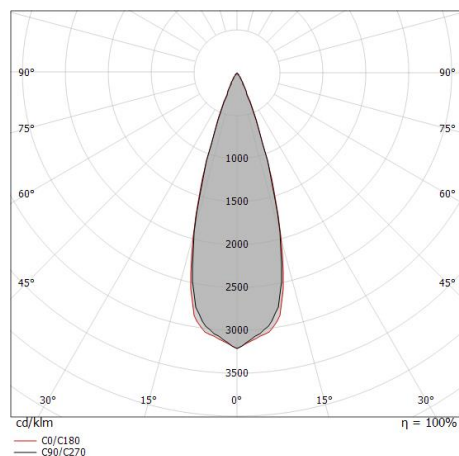
L90 B10 C0 70385h (at Tj 65 Ta 25)

UGR

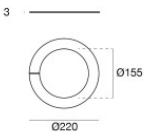
UGR axial	4.5
UGR transversal	5
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	33°
Light distribution simmetry	Symmetrical



Guardian | Downlights | Accessories
76843W30

		Einbaugehäuse installationsposition: boden; typ installation: mauerwerk L=300mm, H=210mm, D=300mm. Material:Kunststoff ABS, farbe:Black.	Code 83328
		Zubehör für Außengehäuse - Gehäuseboden für Außengehäuse Material:Verzinktes Eisen, farbe:Grau, bearbeitungstyp :Verzinken.	Code 83330
		Lochschablone - Schablone zum Zementieren (Für Version mit bündigem Flansch)	Code 83331
		Befestigung für abgehängte Decke - Ring zur Montage auf Gipskartonplatten Material:Pom-C, farbe:Schwarz.	Code C-F600027