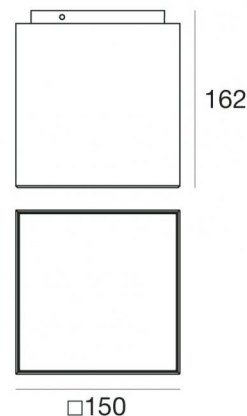
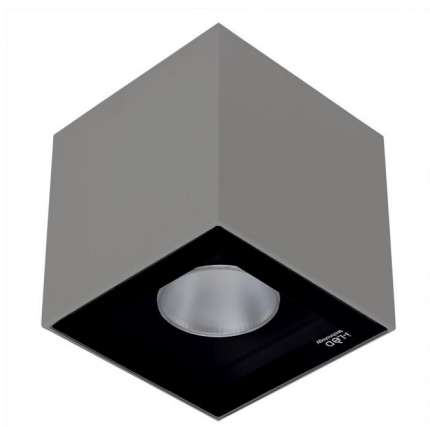


Deckenleuchten | 198-264 V
1 arrayLED 33 W DC - 36 W AC | CRI 80
81891W15



Technische Daten	
Typ	Oberfläche
Installationsposition	Decke
Installationsumgebung	Outdoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Spot
Light emission direction	downward
Lampe Nennleistung	33 W DC
Gesamtleistung	36 W
Lichtstrom (Lichtquelle)	4471 lm
Nominale Eingangsspannung	220 - 240 V AC
Eingangsspannungsbereich	198 - 264 V AC
Frequency	50 - 60 Hz
Ähnlichste Farbtemperatur / Tone	3000 K
Farbwiedergabeindex	80 Ra
Gleichstrom/Gleichspannung	AC
Isolierklasse	1
IP	IP65
IK	IK07
Glühdrahtprüfung	850°
Direkte Montage auf normal entflammaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Driver
Leuchte dimmbar	DALI - PUSH DIM
Schwenkbarkeit	Nein
Drehbarkeit	Nein
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Nein
Harzbeschichtung	Nein
Typ Lichtabstrahlung	Einflammig
Nettogewicht	2.8 Kg
Schutz vor elektrostatischen Entladungen	Ja
Schutz vor Stoßspannungen	1 KV
Optiktechnologie	Ottica arretrata low glare

Oberfläche Oberfläche Gehäuse	
Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Text brilliant grey RAL 9006
Bearbeitungstyp	Offenporige Anodisierung + Pulverlackierung
Oberfläche Oberfläche diffusor	
Material	Extra-helles Glas
Farbe	transparent
Bearbeitungstyp	Siebdruck

Deckenleuchten | 198-264 V | 1 arrayLED 33 W DC - 36 W AC | CRI 80
81891W15

Single emission ceiling downlights for outdoor application. The warm white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 4471 lm, with a 135.5 lm/W nominal luminous efficacy.

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

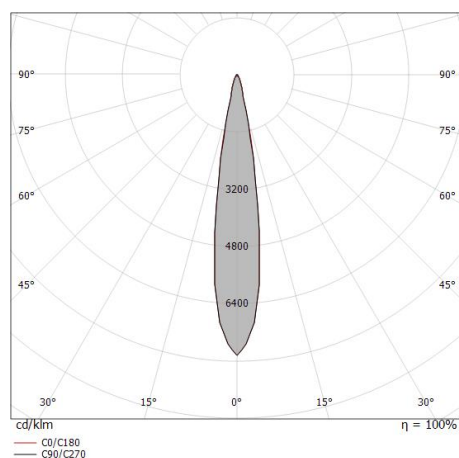
The device body is made of die-cast aluminium en ab - 46100 and features a text brilliant grey ral 9006 finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass with a silk-screening treatment. Surface treatment of the product body through aluminum chemical conversion, followed by polyester powder coating, using exclusively coatings compliant with the Qualicoat standard.

The ingress protection degree is IP65; the total weight is of 2.8 kg.

The total absorbed power is 36 W

The device features protection class I and can be ceiling-mounted.

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



0.5	0.15	8.7°	0.15	94069
1.0	0.30	8.6°	0.31	46155
1.5	0.45	8.6°	0.46	23517
2.0	0.60	8.6°	0.61	11539
2.5	0.76	8.6°	0.77	5128
3.0	0.91	8.6°	0.92	2885

Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half-peak divergence: 17.4°)
— C90/C270 (Half-peak divergence: 17.2°)

Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	67 %
Lichtstrom (Lichtquelle)	4471 lm
Leuchten Lichtstrom	2996 lm
Consumption	36 W
Leuchten Lichtausbeute	83 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	80 Ra
Gamut Area Index	55 GAI
Colour Rendering Index	10 R9
IES TM-30 Rf	83
IES TM-30 Rg	96
Black Body Locus	On
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

LED Life / Failure Ratio	
L70 B10 C0 296940h (at Tj 65 Ta 25)	
UGR	
UGR axial	14.2
UGR transversal	14.1
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20
OPTICAL	
Optik C0/C180	17°
Light distribution simmetry	Symmetrical

