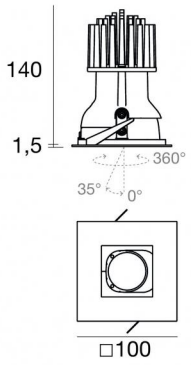
Downlights | 1 arrayLED 15 W DC 400 mA | CRI 80

81288M30







95

Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Medium Flood
Light emission direction	downward
Lampe Nennleistung	15 W DC
Lichtstrom (Lichtquelle)	1932 lm
Eingangsspannungsbereich	400mA
Ähnlichste Farbtemperatur / Tone	2700 K
Farbwiedergabeindex	80 Ra
Gleichstrom/Gleichspannung	CC
Isolierklasse	3
IP	IP44
IP optisches System	IP65
Glühdrahtprüfung	850°
Direkte Montage auf normal entflammbaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Nein
Leuchte dimmbar	DALI - 1-10V
Schwenkbarkeit	Nein
Drehbarkeit	Ja
Gesamtwinkel (horizontale Ebene)	360 °
Gesamtwinkel (vertikale Ebene)	35 °
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	0.300 m
Harzbeschichtung	Nein
Einbautiefe	140 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.462 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein
Optiktechnologie	F.O.L.

Oberfläche Oberfläche Gehäuse	
Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Matt black (R9005)
Bearbeitungstyp	Pulverbeschichtung mit duroplastischen Pulvern

Oberfläche Oberfläche diffusor	
Material	UV beständiges Polycarbonat
Farbe	Transparent

Oberfläche Oberfläche flansch	
Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Text white RAL9003
Bearbeitungstyp	Pulverbeschichtung mit duroplastischen Pulvern

Oberfläche Oberfläche strahler	
Material	Stranggepresstes Aluminium EN AB - 46100
Bearbeitungstyp	Trommelung

Elektronik



99740
Multi Power 198~264V AC / 180~275V DC (1 art.)



99738
DALI - Push and Simply Dim Controller 198~264V AC / 180~275V DC (1 art.)



99739
1-10V Multi Power 198~264V AC / V DC (1 art.)



83334
Push and Simply Dim - DALI-2 Multi Power 198~264V AC / 176~280V DC (1 art.)

Cables Electrification	
IP (locked condition)	66
Cable connector	Male Easy plug

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Downlights | 1 arrayLED 15 W DC 400 mA | CRI 80
81288M30

Single emission recessed downlights for indoor application. The super warm white LED light source with a medium flood light distribution is composed of 1 arrayled LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 1932 lm, with a 128.8 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 powder coating with thermosetting powders; the diffuser is made of uv resistant polycarbonate.

The ingress protection degree is IP44; the total weight is of 0.462 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 15 W The power supply cable is included and features a 0.300 m length.

The device features protection class III and can be ceiling-mounted, with a 95 mm diameter hole (in plasterboard).

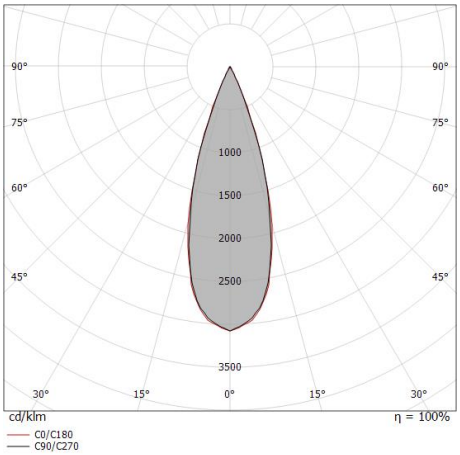
Compliant with the EN 60598-1 standard and its specific provisions.

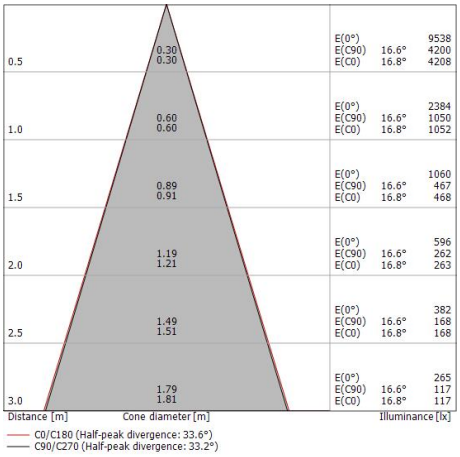
Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	40 %
Lichtstrom (Lichtquelle)	1932 lm
Leuchten Lichtstrom	777 lm
Consumption	15 W
Leuchten Lichtausbeute	51 lm/W
Farbtemperatur	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	80 Ra
Gamut Area Index	52 GAI
Colour Rendering Index	19 R9
IES TM-30 Rf	85
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 296960h (at Tj 65 Ta 25)

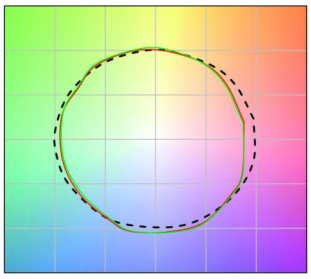
UGR	
UGR axial	10.4
UGR transversal	10
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

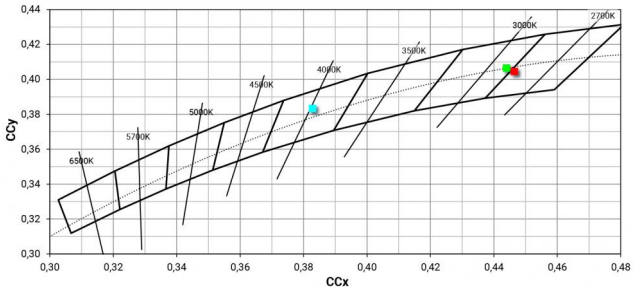
OPTICAL	
Optik C0/C180	33°
Light distribution simmetry	Symmetrical





COLOR VECTOR GRAPHIC





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