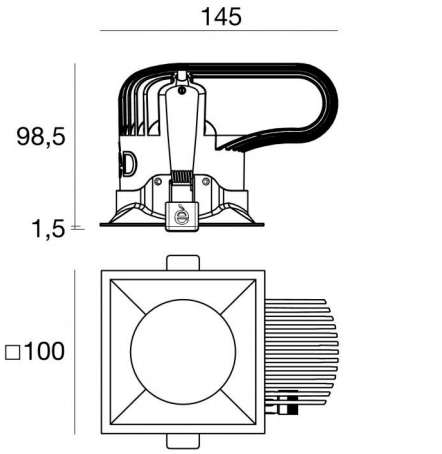
Downlights | 1 arrayLED 25 W DC 700 mA | CRI 80

80837W30







93

Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	30°
Light emission direction	downward
Lampe Nennleistung	25 W DC
Lichtstrom (Lichtquelle)	3431 lm
Eingangsspannungsbereich	700mA
Ähnlichste Farbtemperatur / Tone	3000 K
Farbwiedergabeindex	80 Ra
Gleichstrom/Gleichspannung	CC
Isolierklasse	3
IP	IP44
IP optisches System	IP65
IK	IK08
Glühdrahtprüfung	850°
Direkte Montage auf normal entflammbaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Nein
Leuchte dimmbar	DALI - 1-10V
Schwenkbarkeit	Nein
Drehbarkeit	Nein
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	0.300 m
Harzbeschichtung	Nein
Einbautiefe	98,5 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.68 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein
Optiktechnologie	Honey comb

Oberfläche Oberfläche Gehäuse	
Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Text brilliant grey RAL 9006
Bearbeitungstyp	Pulverbeschichtung mit duroplastischen Pulvern

Oberfläche Oberfläche diffusor	
Material	UV beständiges Polycarbonat
Farbe	Transparent

Oberfläche Oberfläche strahler	
Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Aluminium
Bearbeitungstyp	Polieren

Elektronik



99112
On/Off Driver 198~264V AC (1 art.)



99330
DALI - Push and Simply Dim Multi Power 198~264V AC / V DC (1 art.)



83066
1-10V - Push and Simply Dim - DALI-2 Controller (1 art.)



83335
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
Cable connector	Female Easy plug
IP (locked condition)	66

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Downlights | 1 arrayLED 25 W DC 700 mA | CRI 80
80837W30

Single emission recessed downlights for indoor application. The warm white LED light source is composed of 1 arrayled LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 3431 lm, with a 137.2 lm/W nominal luminous efficacy.

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 powder coating with thermosetting powders; the diffuser is made of uv resistant polycarbonate.

The ingress protection degree is IP44; the total weight is of 0.68 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 25 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 93 x 93 mm hole (in plasterboard).

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

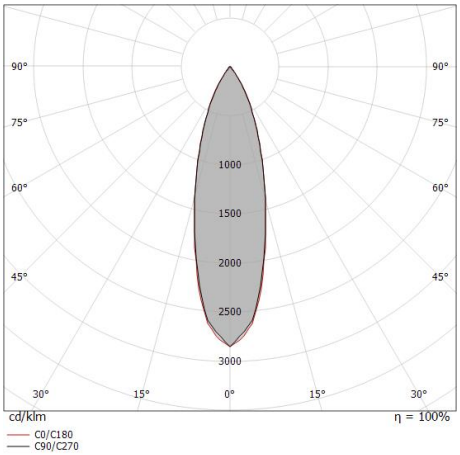
Energieeffizienzklasse
Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

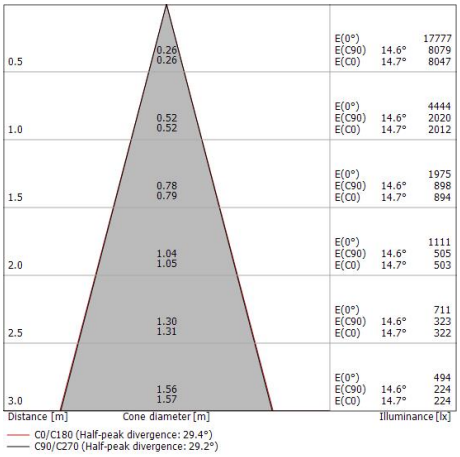
Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	45 %
Lichtstrom (Lichtquelle)	3431 lm
Leuchten Lichtstrom	1560 lm
Consumption	25 W
Leuchten Lichtausbeute	62 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	80 Ra
Gamut Area Index	55 GAI
Colour 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)

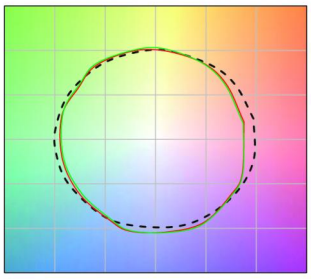
UGR	
UGR axial	13.7
UGR transversal	13.6
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

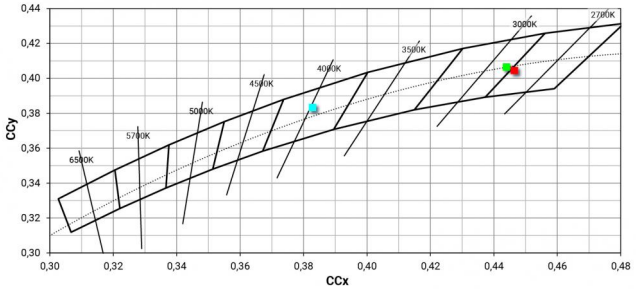
OPTICAL	
Optik C0/C180	29°
Light distribution simmetry	Symmetrical





COLOR VECTOR GRAPHIC





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