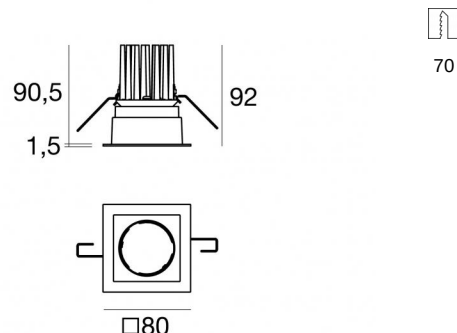


Downlights | 6 x powerLED 12 W 630 mA | CRI 80
93000W08



Technische Daten	
Typ	Frame
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Optik	Narrow Spot
Lampe Nennleistung	12 W DC
Lichtstrom (Lichtquelle)	1398 lm
Eingangsspannungsbereich	630mA
Ähnlichste Farbtemperatur / Tone	3000 K
Farbwiedergabeindex	80 Ra
Gleichstrom/Gleichspannung	CC
Isolierklasse	3
IP	IP40
Glühdrahtprüfung	850°
Direkte Montage auf normal entflammaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Nein
Leuchte dimmbar	DALI - 1-10V
Schwenkbarkeit	Nein
Drehbarkeit	Nein
Begehrbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Nein
Harzbeschichtung	Nein
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.20 Kg

Oberfläche Oberfläche Gehäuse

Material	Aluminium
Farbe	Text black RAL9005
Bearbeitungstyp	Lackierung

Elektronik

	99115 1-10V - N/O button Multi Power 198~264V AC / V DC (1 art.)
	99114 DALI - Push and Simply Dim Multi Power 198~264V AC / 180~275V DC (1 art.)
	99105 On/Off Driver 198~264V AC (1 - 2 art.)
	99129 On/Off Driver 198~264V AC (1 art.)

Downlights | 6 x powerLED 12 W 630 mA | CRI 80
93000W08

Single emission recessed downlights for indoor application. The warm white LED light source with a narrow spot light distribution is composed of 6 powered LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 1398 lm, with a 116.5 lm/W nominal luminous efficacy.

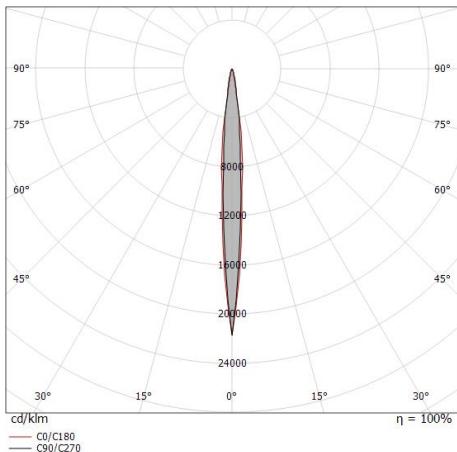
The device body is made of aluminium and features a text black ral9005 finish, processed by means of coating.

The ingress protection degree is IP40; the total weight is of 0.20 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 12 W

The device features protection class III and can be ceiling-mounted, with a 70 x 70 mm hole (in plasterboard).

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.06 0.08	E(0°) 99266 E(C90) 50538 E(C0) 50054
1.0	0.13 0.15	E(0°) 24817 E(C90) 12634 E(C0) 12513
1.5	0.19 0.23	E(0°) 11030 E(C90) 5615 E(C0) 5562
2.0	0.26 0.31	E(0°) 6204 E(C90) 3159 E(C0) 3128
2.5	0.32 0.38	E(0°) 3971 E(C90) 2022 E(C0) 2002
3.0	0.39 0.46	E(0°) 2757 E(C90) 1404 E(C0) 1390

Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	81 %
Lichtstrom (Lichtquelle)	1398 lm
Leuchten Lichtstrom	1143 lm
Consumption	12 W
Leuchten Lichtausbeute	95 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	1.5 Step
Farbwiedergabeindex	80 Ra
Typische Temperatur am Glas	40°C

LED Life / Failure Ratio

L70 B10 C0 1240219h (at Tj 65 Ta 25)

L80 B10 C0 745627h (at Tj 65 Ta 25)

L90 B10 C0 309367h (at Tj 65 Ta 25)

UGR

UGR axial	15
UGR transversal	15
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	7°
Light distribution simmetry	Symmetrical