

Downlights | 198-264 V AC / 220-280 V DC

1 arrayLED 6.5 W DC 700 mA | CRI 90

CP002AWHWWF


KIT
LED lamp
+ Driver


48



Ø55

Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Wide Flood
Light emission direction	downward
Lampe Nennleistung	6.5 W DC
Lichtstrom (Lichtquelle)	748 lm
Nominale Eingangsspannung	220 - 240 V AC
Eingangsspannungsbereich	700mA
Frequency	50 - 60 Hz
Ähnlichste Farbtemperatur / Tone	3000 K
Farbwiedergabeindex	90 Ra
Gleichstrom/Gleichspannung	CC
Isolierklasse	3
IP	IP40
IK	IK05
Glühdrahtprüfung	850°
Direkte Montage auf normal entflammaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Driver
Leuchte dimmbar	Nein
Schwenkbarkeit	Nein
Drehbarkeit	Nein
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	0,15 m
Harzbeschichtung	Nein
Einbautiefe	44 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.12 Kg
Schutz vor elektrostatischen Entladungen	Ja
Schutz vor Stoßspannungen	2 KV

Oberfläche Oberfläche Gehäuse

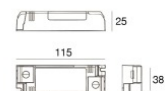
Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Text white RAL9003
Bearbeitungstyp	Pulverbeschichtung mit duroplastischen Pulvern

Elektronik im Kit enthalten

ALM00156

On/Off Driver 198~264V AC / 220~280V DC (1 - 2 art.)

Elektrische Isolationsklasse 2



Cables Electrification

Cable connector	MALE JST SMR-02V-B
Cable connector	FEMALE JST SMP-02V-BC

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Single emission recessed downlights for indoor application. The warm white LED light source with a wide flood light distribution is composed of 1 arrayled LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 748 lm, with a 115.1 lm/W nominal luminous efficacy.

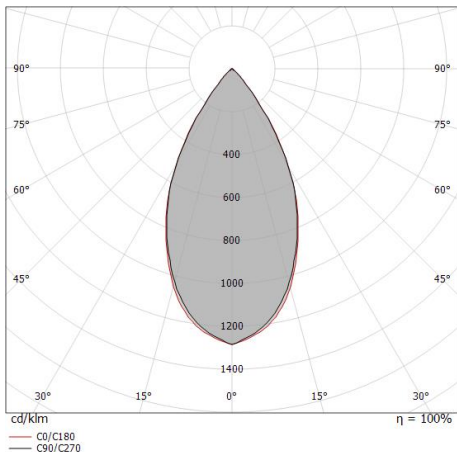
The device body is made of die-cast aluminium en ab - 46100 and features a text white ral9003 finish, processed by means of powder coating with thermosetting powders.

The ingress protection degree is IP40; the total weight is of 0.12 kg.

The total absorbed power is 6.5 W The power supply cable is included and features a 0,15 m length.

The device features protection class III and can be ceiling-mounted, with a 48 mm diameter hole (in plasterboard) with an outer casing, code 89374(for concrete or masonry).

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



0.5	0.51 0.51	E(0°) E(C90) E(C0)	2734 972 968
1.0	1.01 1.02	E(0°) E(C90) E(C0)	683 243 242
1.5	1.52 1.53	E(0°) E(C90) E(C0)	304 108 108
2.0	2.03 2.04	E(0°) E(C90) E(C0)	171 61 60
2.5	2.54 2.55	E(0°) E(C90) E(C0)	109 39 39
3.0	3.04 3.06	E(0°) E(C90) E(C0)	76 27 27

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

— C0/C180 (Half-peak divergence: 54.0°)
— C90/C270 (Half-peak divergence: 53.8°)

Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	71 %
Lichtstrom (Lichtquelle)	748 lm
Leuchten Lichtstrom	533 lm
Consumption	6.5 W
Leuchten Lichtausbeute	82 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	90 Ra
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	60°C

LED Life / Failure Ratio

L70 B10 C0 314051h (at Tj 65 Ta 25)

L80 B10 C0 196584h (at Tj 65 Ta 25)

L90 B10 C0 92791h (at Tj 65 Ta 25)

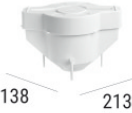
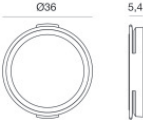
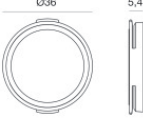
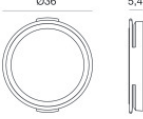
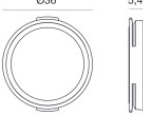
UGR

UGR axial	21.9
UGR transversal	21.9
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	54°
Light distribution simmetry	Symmetrical

Cob40_R | Downlights | Accessories
CP002AWHWWF

 	Einbaugehäuse installationsposition: decke; typ installation: mauerwerk L=213mm, H=125mm, D=138mm. Material:Polypropylen, farbe:Weiß.	Code <u>89373</u>
 	Einbaugehäuse installationsposition: decke; typ installation: mauerwerk L=370mm, H=120mm, D=200mm. Material:Polypropylen, farbe:Weiß.	Code <u>89374</u>
 	Dekorativer Ring - Chrom dekorativer Ring Material:UV beständiges Polycarbonat, farbe:Polished (galvanic) chrome .	Code <u>99899</u>
 	Dekorativer Ring - Dekorativer goldfarbener Ring Material:UV beständiges Polycarbonat, farbe:Polished (galvanic) gold, bearbeitungstyp :Flüssiglackierung.	Code <u>99889</u>
 	Dekorativer Ring - Kupfer farbiger Zierring Material:UV beständiges Polycarbonat, farbe:Kupfer.	Code <u>99890</u>
 	Dekorativer Ring - Weißer dekorativer Ring Material:UV beständiges Polycarbonat, farbe:Text white RAL9003.	Code <u>99888</u>