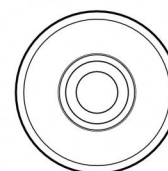
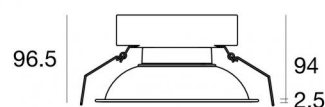


Downlights | 198-264 V AC / 230-280 V DC
1 arrayLED 17.5 W DC 500 mA | CRI 90
84231W60



KIT
LED lamp
+ Driver



Ø182

Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Wide Flood
Light emission direction	downward
Lampe Nennleistung	17.5 W DC
Lichtstrom (Lichtquelle)	2998 lm
Nominale Eingangsspannung	220 - 240 V AC
Eingangsspannungsbereich	500mA
Frequency	50 - 60 Hz
Ähnlichste Farbtemperatur / Tone	3000 K
Farbwiedergabeindex	90 Ra
Gleichstrom/Gleichspannung	CC
Isolierklasse	3
IP	IP44
IK	IK08
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	0.30 m
Harzbeschichtung	Nein
Einbautiefe	94 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.205 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein

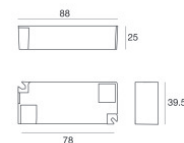
Oberfläche Oberfläche Gehäuse

Material	Aluminium
Farbe	Text white RAL9003
Bearbeitungstyp	Lackierung

Elektronik im Kit enthalten

LED-AL421

On/Off Driver 198~264V AC / 230~280V DC (1 art.)
Elektrische Isolationsklasse 2



Downlights | 198-264 V AC /230-280 V DC | 1 arrayLED 17.5 W DC 500 mA | CRI 90
84231W60

Single emission recessed downlights for indoor application. The warm white LED light source with a wide flood light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 2998 lm, with a 171.3 lm/W nominal luminous efficacy.

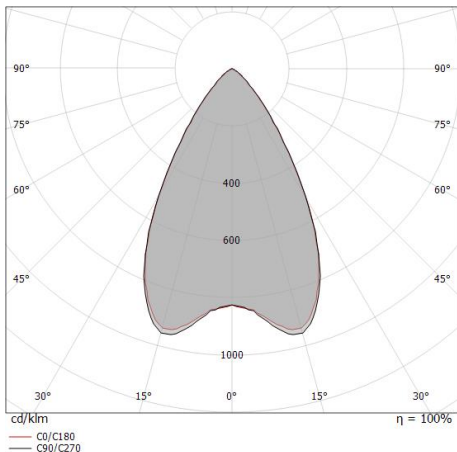
The device body is made of aluminium and features a text white ral9003 finish, processed by means of coating.

The ingress protection degree is IP44; the total weight is of 0.205 kg.

The total absorbed power is 20 W The power supply cable is included and features a 0.30 m length.

The device features protection class III and can be ceiling-mounted, with a 165 mm diameter hole (in plasterboard).

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



0.5	0.60 0.60	E(0°)		5329
		E(C90)	30.8°	1959
		E(C0)	30.9°	1914
1.0	1.19 1.20	E(0°)		1332
		E(C90)	30.8°	490
		E(C0)	30.9°	479
1.5	1.79 1.80	E(0°)		592
		E(C90)	30.8°	218
		E(C0)	30.9°	213
2.0	2.38 2.39	E(0°)		333
		E(C90)	30.8°	122
		E(C0)	30.9°	120
2.5	2.98 2.99	E(0°)		213
		E(C90)	30.8°	78
		E(C0)	30.9°	77
3.0	3.58 3.59	E(0°)		148
		E(C90)	30.8°	54
		E(C0)	30.9°	53
Distance [m]	Cone diameter [m]	Illuminance [lx]		
— C0/C180 (Half-peak divergence: 61.8°)				
— C90/C270 (Half-peak divergence: 61.6°)				

Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	53 %
Lichtstrom (Lichtquelle)	2998 lm
Leuchten Lichtstrom	1613 lm
Consumption	20 W
Leuchten Lichtausbeute	80 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	90 Ra
Colour Rendering Index	60 R9
Black Body Locus	On
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

LED Life / Failure Ratio

L70 B10 C0 237566h (at Tj 65 Ta 25)

L80 B10 C0 148737h (at Tj 65 Ta 25)

L90 B10 C0 70385h (at Tj 65 Ta 25)

UGR

UGR axial	16.2
UGR transversal	16.1
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	62°
Light distribution simmetry	Symmetrical

