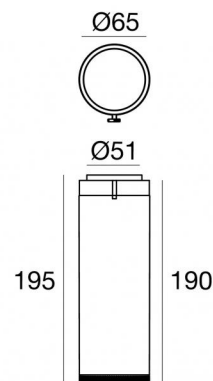


Deckenleuchten | 100-264 V
1 arrayLED 17.5 W DC - 19.5 W AC | CRI 90
82066W85



Technische Daten	
Typ	Oberfläche
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Adjustable Focus
Light emission direction	downward
Lampe Nennleistung	17.5 W DC
Gesamtleistung	19.5 W
Lichtstrom (Lichtquelle)	2224 lm
Nominale Eingangsspannung	220 - 240 V AC
Eingangsspannungsbereich	100 - 264 V AC
Frequency	50 - 60 Hz
Ähnlichste Farbtemperatur / Tone	3000 K
Farbwiedergabeindex	90 Ra
Gleichstrom/Gleichspannung	AC
Isolierklasse	1
IP	IP40
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	Nein
Harzbeschichtung	Nein
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.75 Kg
Schutz vor elektrostatischen Entladungen	Ja
Schutz vor Stoßspannungen	1.85 KV

Oberfläche Oberfläche Gehäuse	
Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Text black RAL9005
Bearbeitungstyp	Pulverbeschichtung mit duroplastischen Pulvern

Deckenleuchten | 100-264 V | 1 arrayLED 17.5 W DC - 19.5 W AC | CRI 90 | Maximaler optischer Winkel
82066W85

Single emission ceiling downlights for indoor application. The warm white LED light source with a adjustable focus light distribution is composed of 1 arrayled LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 2224 lm, with a 127.1 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a text black ral9005 finish, processed by means of powder coating with thermosetting powders.

The ingress protection degree is IP40; the total weight is of 0.75 kg.

The total absorbed power is 19.5 W

The device features protection class I and can be ceiling-mounted.

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

Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	51 %
Lichtstrom (Lichtquelle)	2224 lm
Leuchten Lichtstrom	1147 lm
Consumption	19.5 W
Leuchten Lichtausbeute	58 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	90 Ra
Black Body Locus	On
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

LED Life / Failure Ratio

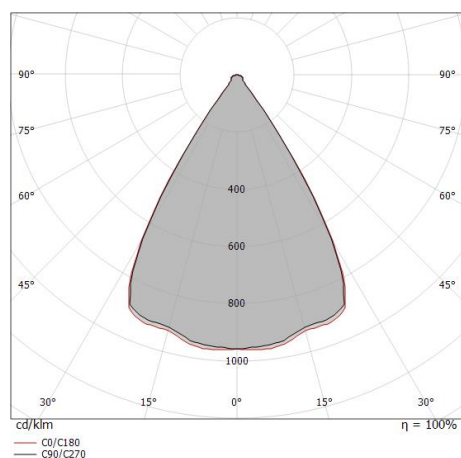
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	23.5
UGR transversal	23.6
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

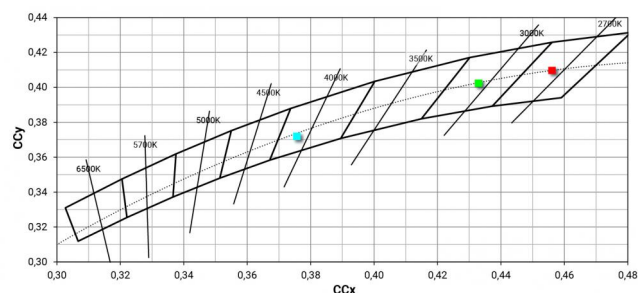
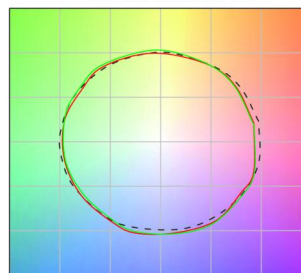
Optik C0/C180	64°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.63 0.63	E(0°) E(C90) E(C0) 32.2° 32.3° 4392 1341 1350
1.0	1.26 1.26	E(0°) E(C90) E(C0) 32.2° 32.3° 1098 335 337
1.5	1.89 1.90	E(0°) E(C90) E(C0) 32.2° 32.3° 488 149 150
2.0	2.52 2.53	E(0°) E(C90) E(C0) 32.2° 32.3° 275 84 84
2.5	3.15 3.16	E(0°) E(C90) E(C0) 32.2° 32.3° 176 54 54
3.0	3.78 3.79	E(0°) E(C90) E(C0) 32.2° 32.3° 122 37 37

— C0/C180 (Half-peak divergence: 64.6°)
— C90/C270 (Half-peak divergence: 64.4°)

COLOR VECTOR GRAPHIC



Deckenleuchten | 100-264 V | 1 arrayLED 17.5 W DC - 19.5 W AC | CRI 90 | Minimaler

optischer Winkel

82066W85

Single emission ceiling downlights for indoor application. The warm white LED light source with a adjustable focus light distribution is composed of 1 arrayled LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 2224 lm, with a 127.1 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a text black ral9005 finish, processed by means of powder coating with thermosetting powders.

The ingress protection degree is IP40; the total weight is of 0.75 kg.

The total absorbed power is 19.5 W

The device features protection class I and can be ceiling-mounted.

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

Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	22 %
Lichtstrom (Lichtquelle)	2224 lm
Leuchten Lichtstrom	490 lm
Consumption	19.5 W
Leuchten Lichtausbeute	25 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	90 Ra
Black Body Locus	On
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

LED Life / Failure Ratio

L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	13.6
UGR transversal	14
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	16°
Light distribution simmetry	Symmetrical

