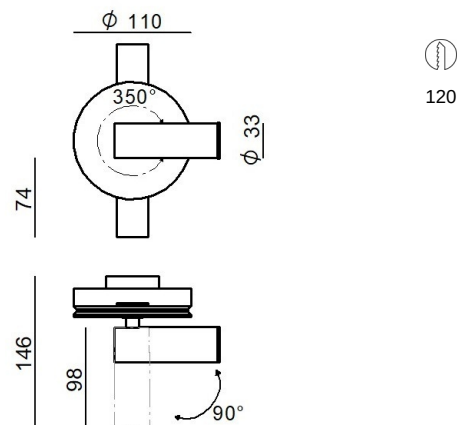


| CRI 90
CA035AWHMFL



KIT
LED lamp
+ Driver



120

Technische Daten

Typ	Scheinwerfer - Oberfläche
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Flood
Light emission direction	downward
Lampe Nennleistung	9 W DC
Lichtstrom (Lichtquelle)	992 lm
Nominale Eingangsspannung	220 - 240 V AC
Eingangsspannungsbereich	198 - 264 V AC
Frequency	50 - 60 Hz
Ähnlichste Farbtemperatur / Tone	2700 K
Farbwiedergabeindex	90 Ra
Gleichstrom/Gleichspannung	AC
Isolierklasse	2
IP	IP40
Glühdrahtprüfung	850°
Direkte Montage auf normal entflammaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Driver
Leuchte dimmbar	Nein
Schwenkbarkeit	Nein
Drehbarkeit	Nein
Begehrbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Nein
Harzbeschichtung	Nein
Typ Lichtabstrahlung	Einflamig
Nettogewicht	0.71 Kg
Schutz vor elektrostatischen Entladungen	Ja
Schutz vor Stoßspannungen	2 KV

Oberfläche Oberfläche Gehäuse

Material	Aluminium
Farbe	Text white RAL9003
Bearbeitungstyp	Lackierung

Oberfläche Oberfläche diffusor

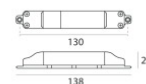
Material	PMMA
Farbe	Transparent

Oberfläche Oberfläche fassung

Material	gesso
Farbe	Weiß

Elektronik im Kit enthalten

99377
On/Off Driver 198-264V AC (1 art.)
Elektrische Isolationsklasse 2



| CRI 90
CA035AWHMFL

Single emission projectors or projectors for indoor application. The super warm white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 992 lm, with a 110.2 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 diffuser is made of pmma; the mounting frame is made of plaster, with a white finish.

The ingress protection degree is IP40; the total weight is of 0.71 kg.

The total absorbed power is 12 W

The device features protection class II and can be ceiling-mounted, with a 120 mm diameter hole (in plasterboard).

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)	79 %
Lichtstrom (Lichtquelle)	992 lm
Leuchten Lichtstrom	793 lm
Consumption	12 W
Leuchten Lichtausbeute	66 lm/W
Farbtemperatur	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	90 Ra
Verbindungstemperatur (Leuchte)	80
Standardumgebungstemperatur	-20 / +50°C

LED Life / Failure Ratio

L70 B10 C0 231262h (at Tj 65 Ta 25)

L80 B10 C0 144799h (at Tj 65 Ta 25)

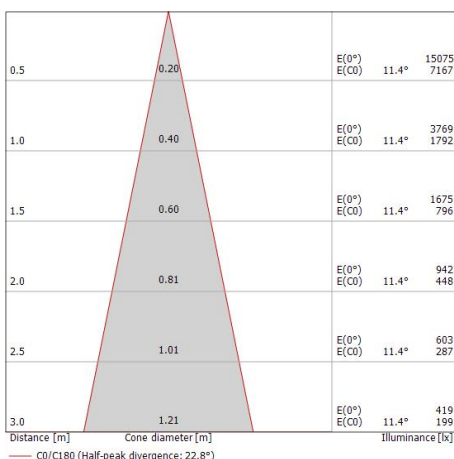
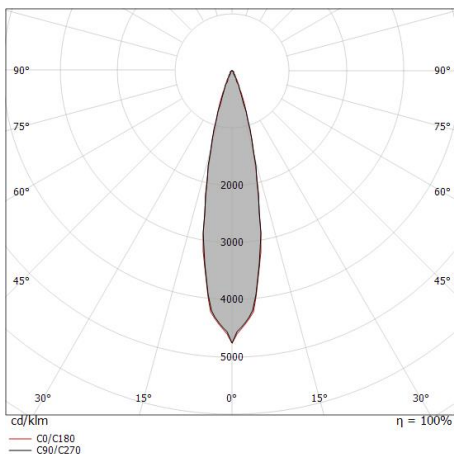
L90 B10 C0 68534h (at Tj 65 Ta 25)

UGR

UGR axial	22.5
UGR transversal	22.5
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	23°
Light distribution simmetry	Symmetrical



| CRI 90

CA035AWHMFL

Single emission projectors or projectors for indoor application. The super warm white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 992 lm, with a 110.2 lm/W nominal luminous efficacy.

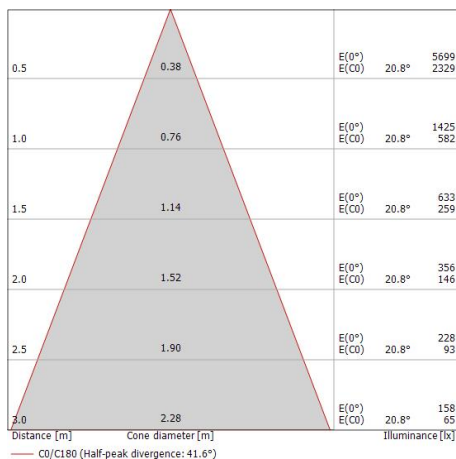
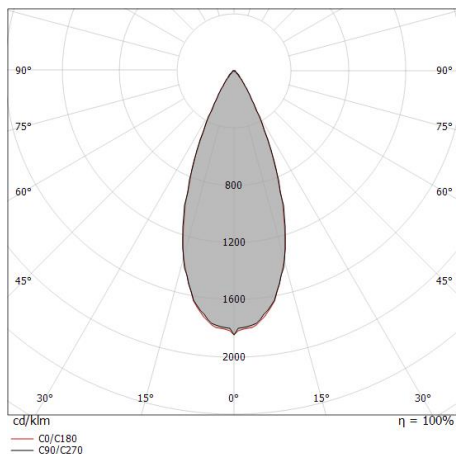
The device body is made of aluminium and features a text white ral9003 finish, processed by means of coating; the diffuser is made of pmma; the mounting frame is made of plaster, with a white finish.

The ingress protection degree is IP40; the total weight is of 0.71 kg.

The total absorbed power is 12 W

The device features protection class II and can be ceiling-mounted, with a 120 mm diameter hole (in plasterboard).

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)	77 %
Lichtstrom (Lichtquelle)	992 lm
Leuchten Lichtstrom	772 lm
Consumption	12 W
Leuchten Lichtausbeute	64 lm/W
Farbtemperatur	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	90 Ra
Verbindungstemperatur (Leuchte)	80
Standardumgebungstemperatur	-20 / +50°C

LED Life / Failure Ratio

L70 B10 C0 231262h (at Tj 65 Ta 25)

L80 B10 C0 144799h (at Tj 65 Ta 25)

L90 B10 C0 68534h (at Tj 65 Ta 25)

UGR

UGR axial	23.3
UGR transversal	23.3
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	42°
Light distribution simmetry	Symmetrical

| CRI 90

CA035AWHMFL

Single emission projectors or projectors for indoor application. The super warm white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 992 lm, with a 110.2 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 diffuser is made of pmma; the mounting frame is made of plaster, with a white finish.

The ingress protection degree is IP40; the total weight is of 0.71 kg.

The total absorbed power is 12 W

The device features protection class II and can be ceiling-mounted, with a 120 mm diameter hole (in plasterboard).

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)	82 %
Lichtstrom (Lichtquelle)	992 lm
Leuchten Lichtstrom	821 lm
Consumption	12 W
Leuchten Lichtausbeute	68 lm/W
Farbtemperatur	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	90 Ra
Verbindungstemperatur (Leuchte)	80
Standardumgebungstemperatur	-20 / +50°C

LED Life / Failure Ratio

L70 B10 C0 231262h (at Tj 65 Ta 25)

L80 B10 C0 144799h (at Tj 65 Ta 25)

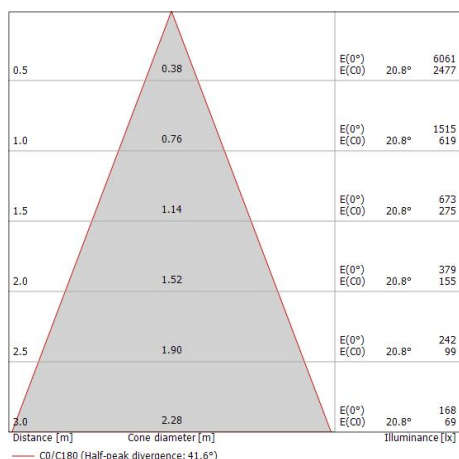
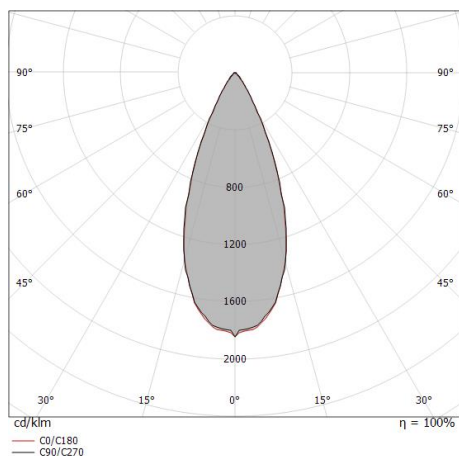
L90 B10 C0 68534h (at Tj 65 Ta 25)

UGR

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

OPTICAL

Optik C0/C180	42°
Light distribution simmetry	Symmetrical



| CRI 90

CA035AWHMFL

Single emission projectors or projectors for indoor application. The super warm white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 992 lm, with a 110.2 lm/W nominal luminous efficacy.

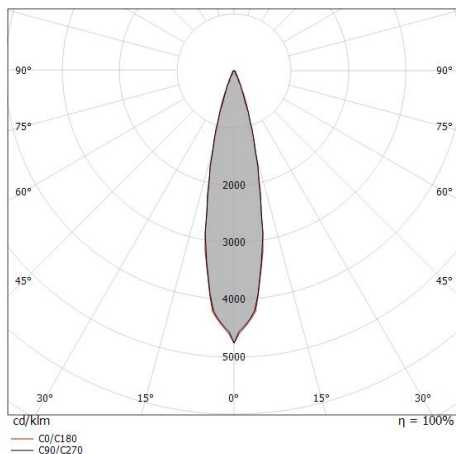
The device body is made of aluminium and features a text white ral9003 finish, processed by means of coating; the diffuser is made of pmma; the mounting frame is made of plaster, with a white finish.

The ingress protection degree is IP40; the total weight is of 0.71 kg.

The total absorbed power is 12 W

The device features protection class II and can be ceiling-mounted, with a 120 mm diameter hole (in plasterboard).

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



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.20	E(0°) E(C0) 11.4° 16025 7619
1.0	0.40	E(0°) E(C0) 11.4° 4006 1905
1.5	0.60	E(0°) E(C0) 11.4° 1781 847
2.0	0.81	E(0°) E(C0) 11.4° 1002 476
2.5	1.01	E(0°) E(C0) 11.4° 641 305
3.0	1.21	E(0°) E(C0) 11.4° 445 212

Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	84 %
Lichtstrom (Lichtquelle)	992 lm
Leuchten Lichtstrom	843 lm
Consumption	12 W
Leuchten Lichtausbeute	70 lm/W
Farbtemperatur	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	90 Ra
Verbindungstemperatur (Leuchte)	80
Standardumgebungstemperatur	-20 / +50°C

LED Life / Failure Ratio

L70 B10 C0 231262h (at Tj 65 Ta 25)

L80 B10 C0 144799h (at Tj 65 Ta 25)

L90 B10 C0 68534h (at Tj 65 Ta 25)

UGR

UGR axial	22.7
UGR transversal	22.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	23°
Light distribution simmetry	Symmetrical