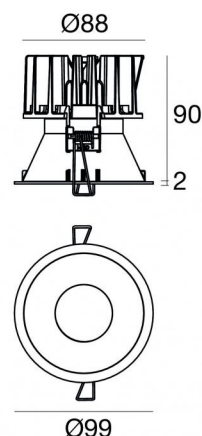


Downlights | 100-240 V | 1 arrayLED 14 W DC 400 mA

CRI 90

C00057BBWWF


KIT
LED lamp
+ Driver


Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Wide Flood
Light emission direction	downward
Lampe Nennleistung	14 W DC
Lichtstrom (Lichtquelle)	2318 lm
Nominale Eingangsspannung	220 - 240 V AC
Eingangsspannungsbereich	400mA
Frequency	50 - 60 Hz
Ähnlichste Farbtemperatur / Tone	3000 K
Farbwiedergabeindex	90 Ra
Gleichstrom/Gleichspannung	CC
Isolierklasse	3
IP	IP40
IP optisches System	IP65
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	Ja
Kabellänge	0.4 m
Harzbeschichtung	Nein
Einbautiefe	90 mm
Typ Lichtabstrahlung	Einflamig
Nettogewicht	0.3 Kg
Schutz vor elektrostatischen Entladungen	Ja
Schutz vor Stoßspannungen	0.5 KV

Oberfläche Oberfläche Gehäuse

Material	Technopolymer
Farbe	Text black RAL9005
Bearbeitungstyp	Lackierung

Oberfläche Oberfläche diffusor

Material	UV beständiges Polycarbonat
Farbe	Transparent

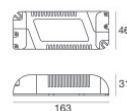
Oberfläche Oberfläche strahler

Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Aluminium
Bearbeitungstyp	Polieren

Elektronik im Kit enthalten

83081

None On/Off Driver 100~240V AC (1 art.)
Elektrische Isolationsklasse 2



Cables Electrification

Cable connector	JST Quick connector Male + Female
-----------------	-----------------------------------

Downlights | 100-240 V | 1 arrayLED 14 W DC 400 mA | CRI 90
C00057BBWWF

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 2318 lm, with a 165.6 lm/W nominal luminous efficacy.

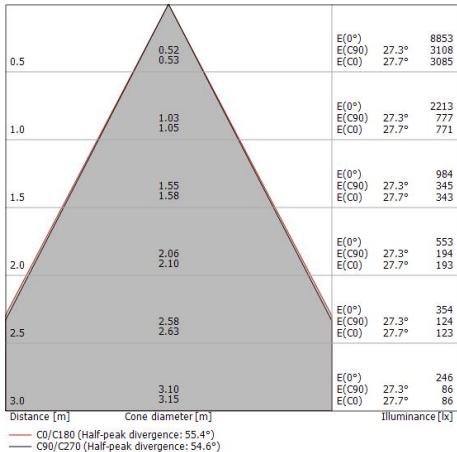
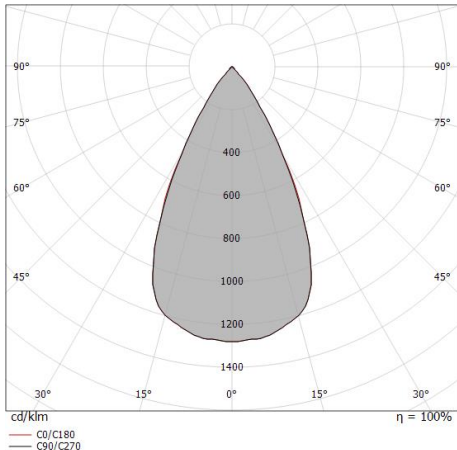
The device body is made of technopolymer and features a text black ral9005 finish, processed by means of coating; the diffuser is made of uv resistant polycarbonate.

The ingress protection degree is IP40; the total weight is of 0.3 kg.

The total absorbed power is 16 W The power supply cable is included and features a 0.4 m length.

The device features protection class III and can be ceiling-mounted, with a 92 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.



Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	74 %
Lichtstrom (Lichtquelle)	2318 lm
Leuchten Lichtstrom	1727 lm
Consumption	16 W
Leuchten Lichtausbeute	107 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)

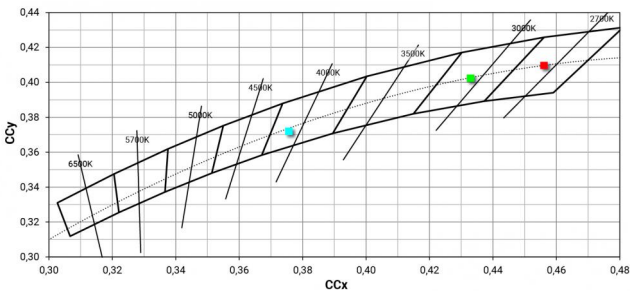
L90 B10 C0 70385h (at Tj 65 Ta 25)

UGR

UGR axial	17.3
UGR transversal	17.3
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	55°
Light distribution simmetry	Symmetrical



Downlights | 100-240 V | 1 arrayLED 14 W DC 400 mA | CRI 90 | + 83382
C00057BBWWF

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 2318 lm, with a 165.6 lm/W nominal luminous efficacy.

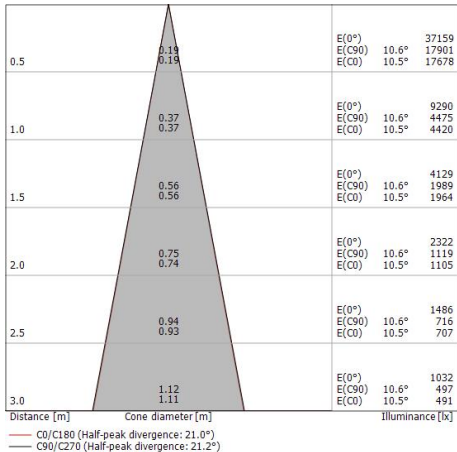
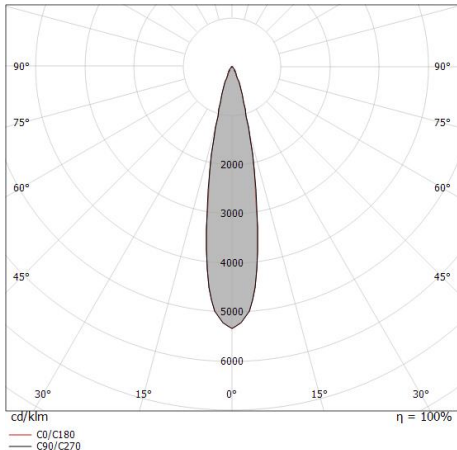
The device body is made of technopolymer and features a text black ral9005 finish, processed by means of coating; the diffuser is made of uv resistant polycarbonate.

The ingress protection degree is IP40; the total weight is of 0.3 kg.

The total absorbed power is 16 W The power supply cable is included and features a 0.4 m length.

The device features protection class III and can be ceiling-mounted, with a 92 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.



Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	75 %
Lichtstrom (Lichtquelle)	2318 lm
Leuchten Lichtstrom	1740 lm
Consumption	16 W
Leuchten Lichtausbeute	108 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)

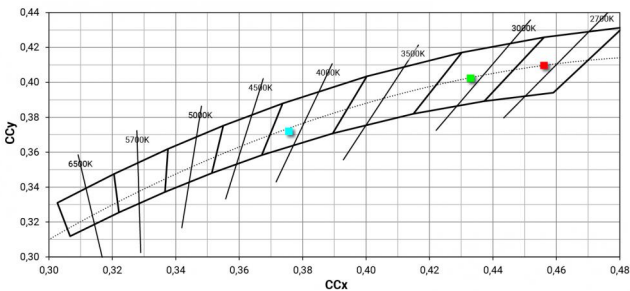
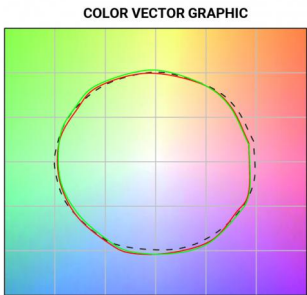
L90 B10 C0 70385h (at Tj 65 Ta 25)

UGR

UGR axial	12.5
UGR transversal	12.5
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	21°
Light distribution simmetry	Symmetrical



Downlights | 100-240 V | 1 arrayLED 14 W DC 400 mA | CRI 90 | + 83383

C00057BBWWF

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 2318 lm, with a 165.6 lm/W nominal luminous efficacy.

The device body is made of technopolymer and features a text black ral9005 finish, processed by means of coating; the diffuser is made of uv resistant polycarbonate.

The ingress protection degree is IP40; the total weight is of 0.3 kg.

The total absorbed power is 16 W The power supply cable is included and features a 0.4 m length.

The device features protection class III and can be ceiling-mounted, with a 92 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.

Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	78 %
Lichtstrom (Lichtquelle)	2318 lm
Leuchten Lichtstrom	1825 lm
Consumption	16 W
Leuchten Lichtausbeute	114 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)

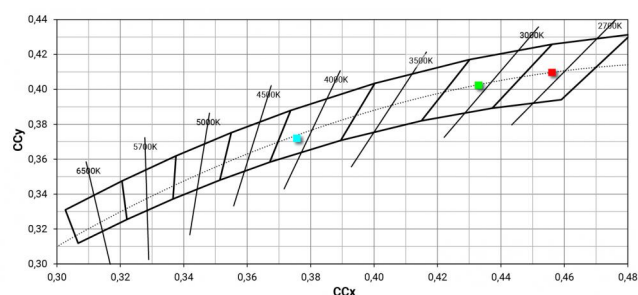
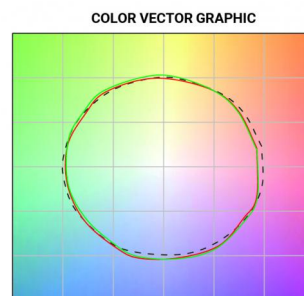
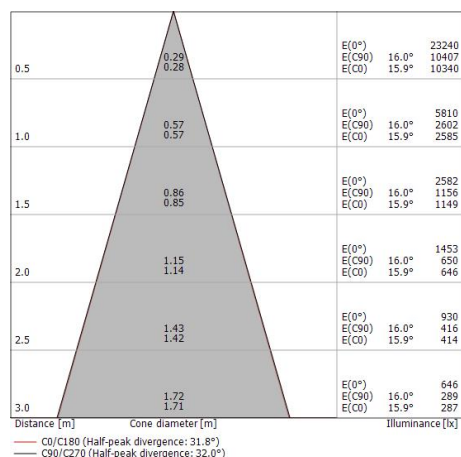
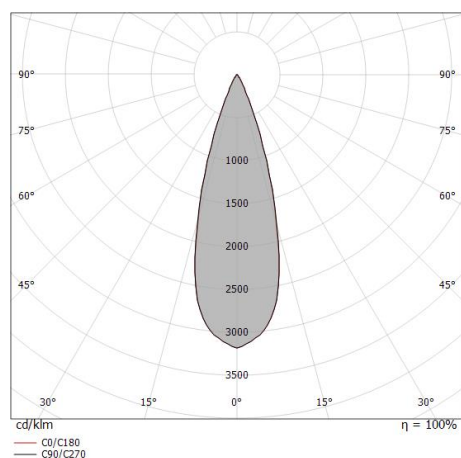
L90 B10 C0 70385h (at Tj 65 Ta 25)

UGR

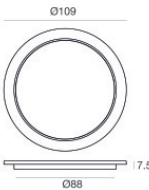
UGR axial	11
UGR transversal	11
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	32°
Light distribution simmetry	Symmetrical



Warp_R EVO | Downlights | Accessories
C00057BBWWF

		Frontkit - Weißes Quantum_R Frontal-Kit Material:Technopolymer, farbe:weiß RAL 9003.	Code 83373
		Adapting - Kupfer vorderer adaptiver Flansch für Quantum EVO Material:Technopolymer, farbe:Kupfer, bearbeitungstyp :Lackierung.	Code C-K400055
		Adapting - Gold vorderer adaptiver Flansch für Quantum EVO Material:Technopolymer, farbe:Polished (galvanic) gold, bearbeitungstyp :Lackierung.	Code C-K400054
		Adapting - Kupfer vorderer adaptiver Flansch für Warp EVO Material:Technopolymer, farbe:Kupfer, bearbeitungstyp :Lackierung.	Code C-K400053
		Adapting - Gold vorderer adaptiver Flansch für Warp EVO Material:Technopolymer, farbe:Polished (galvanic) gold, bearbeitungstyp :Lackierung.	Code C-K400052
		Frontkit - Kupfer Vos_R EVO Frontal Kit Material:Technopolymer, farbe:Kupfer, bearbeitungstyp :Lackierung.	Code C-K400051
		Frontkit - Gold Vos_R Frontal-Kit Material:Technopolymer, farbe:Polished (galvanic) gold, bearbeitungstyp :Lackierung.	Code C-K400050
		Frontkit - Kupfer Quantum_R EVO frontal Kit Material:Technopolymer, farbe:Kupfer, bearbeitungstyp :Lackierung.	Code C-K400047

Warp_R EVO | Downlights | Accessories
C00057BBWWF



Frontkit - Gold Quantum_R EVO Frontal Kit

Material:Technopolymer, farbe:Polished (galvanic) gold, bearbeitungstyp :Lackierung.

Code

C-K400046



Frontkit - Kupfer Warp_R EVO frontal Kit

Material:Technopolymer, farbe:Kupfer, bearbeitungstyp :Lackierung.

Code

C-K400049



Frontkit - Gold Warp_R EVO frontal Kit

Material:Technopolymer, farbe:Polished (galvanic) gold, bearbeitungstyp :Lackierung.

Code

C-K400048



Einbaugehäuse

installationsposition: decke; typ installation: mauerwerk L=370mm, H=120mm, D=200mm.

Material:Polypropylen, farbe:Weiß.

Code

89374



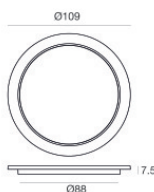
Einbaugehäuse

installationsposition: decke; typ installation: mauerwerk L=213mm, H=125mm, D=138mm.

Material:Polypropylen, farbe:Weiß.

Code

89373

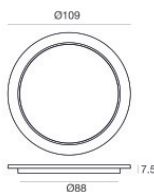


Adapting - Schwarzer vorderer adaptiver Flansch für Warp EVO

Material:Technopolymer, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code

83390



Adapting - Weisses vorderer adaptiver Flansch für Warp EVO

Material:Technopolymer, farbe:weiß RAL 9003.

Code

83395



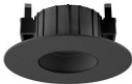
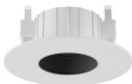
Optik

Lichtverteilung: wide flood,Material Verkleidung: uv beständiges polycarbonat

Code

83384

Warp_R EVO | Downlights | Accessories
C00057BBWWF

	Optik Lichtverteilung: flood,Material Verkleidung: uv beständiges polycarbonat	Code 83383
	Optik Lichtverteilung: spot,Material Verkleidung: uv beständiges polycarbonat	Code 83382
	Diffusor Diffusorart: ästhetischer filter	Code 83381
	Diffusor Diffusorart: filtro ellittico	Code 83380
	Blendschutz Blendschutzart: wabenraster. Material:Pom-C, farbe:Schwarz.	Code 83379
	Frontkit - Schwarzes Vos_R Frontal-Kit Material:Technopolymer, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.	Code 83378
	Frontkit - Weißes Vos_R Frontal-Kit Material:Technopolymer, farbe:weiß RAL 9003.	Code 83377
	Frontkit - Schwarzes Warp_R frontal-Kit Material:Technopolymer, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.	Code 83376

Warp_R EVO | Downlights | Accessories
C00057BBWWF



Frontkit - Weißes Warp_R frontal-Kit
Material:Technopolymer, farbe:weiß RAL 9003.

Code
83375



Frontkit - Schwarzes Quantum_R Frontal-Kit
Material:Technopolymer, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
83374