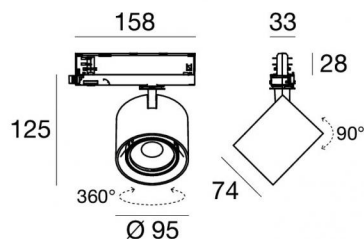


Scheinwerfer | 176-264 V AC /176-280 V DC | 1 arrayLED 16 W DC - 18 W AC | CRI 98
C00433BBNWF



Technische Daten	
Typ	Schiene
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Wide Flood
Light emission direction	frontal
Lampe Nennleistung	16 W DC
Gesamtleistung	18 W
Lichtstrom (Lichtquelle)	2633 lm
Nominale Eingangsspannung	220 - 240 V AC
Eingangsspannungsbereich	176 - 264 V AC
Frequency	50 - 60 Hz
Ähnlichste Farbtemperatur / Tone	4000 K
Farbwiedergabeindex	98 Ra
Gleichstrom/Gleichspannung	AC
Isolierklasse	2
IP	IP20
Glühdrahtprüfung	850°
Direkte Montage auf normal entflammaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Driver
Leuchte dimmbar	Nein
Schwenkbarkeit	Orientabile
Gesamtwinkel (vertikale Ebene)	90 °
Gesamtwinkel (horizontale Ebene)	360 °
Drehbarkeit	Nein
Begehrbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Nein
Harzbeschichtung	Nein
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.65 Kg
Schutz vor elektrostatischen Entladungen	Ja
Schutz vor Stoßspannungen	2 KV

Oberfläche Oberfläche Gehäuse

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

Scheinwerfer | 176-264 V AC /176-280 V DC | 1 arrayLED 16 W DC - 18 W AC | CRI 98
C00433BBNWF

Single emission projectors for indoor application. The natural white LED light source with a wide flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 98; the source luminous flux is 2633 lm, with a 164.6 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 IP20; the total weight is of 0.65 kg.

The total absorbed power is 18 W

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

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)	2633 lm
Leuchten Lichtstrom	1972 lm
Consumption	18 W
Leuchten Lichtausbeute	109 lm/W
Farbtemperatur	4000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	98 Ra
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)

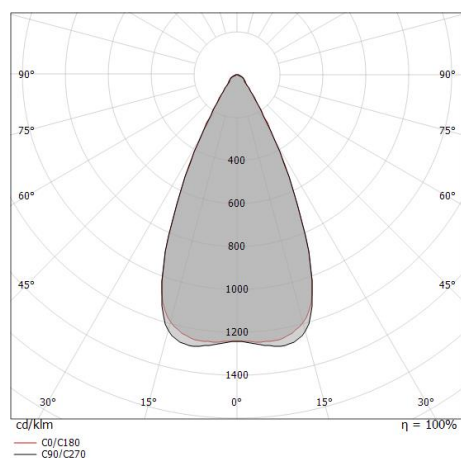
L90 B10 C0 70385h (at Tj 65 Ta 25)

UGR

UGR axial	23
UGR transversal	22.8
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

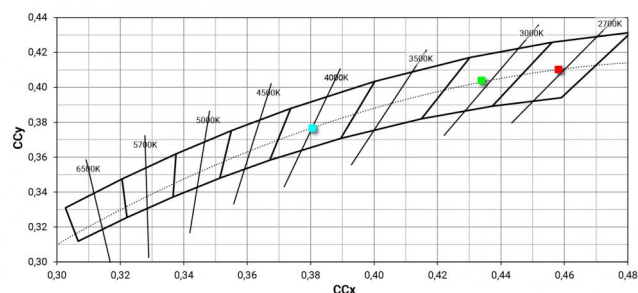
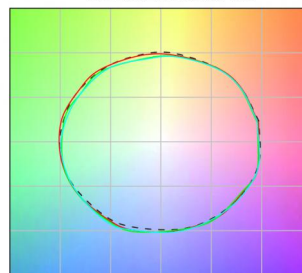
OPTICAL

Optik C0/C180	51°
Light distribution simmetry	Symmetrical

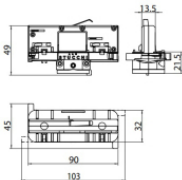
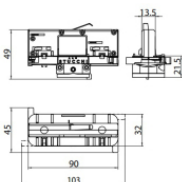
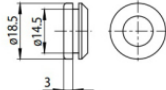


0.5		E(0°)		9793
		E(C90)	25.3°	3768
		E(C0)	25.6°	3622
1.0		E(0°)		2448
		E(C90)	25.3°	942
		E(C0)	25.6°	905
1.5		E(0°)		1088
		E(C90)	25.3°	419
		E(C0)	25.6°	402
2.0		E(0°)		612
		E(C90)	25.3°	236
		E(C0)	25.6°	226
2.5		E(0°)		392
		E(C90)	25.3°	151
		E(C0)	25.6°	145
3.0		E(0°)		272
		E(C90)	25.3°	105
		E(C0)	25.6°	101
Distance [m]	Cone diameter [m]	Illuminance [lx]		
— C0/C180 (Half-peak divergence: 51.2°) — C90/C270 (Half-peak divergence: 50.6°)				

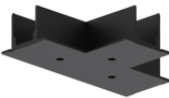
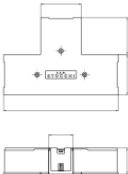
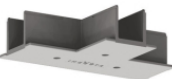
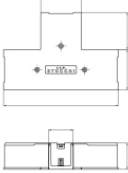
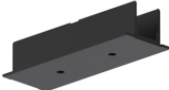
COLOR VECTOR GRAPHIC



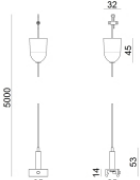
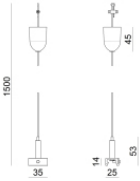
Optus_T V2 | Projectors | Accessories
C00433BBNWF

	Optik - MEDIUM FLOOD Lichtverteilung: medium flood,Material Verkleidung: uv beständiges polycarbonat	Code C-U300010
	Optik - FLOOD Lichtverteilung: flood,Material Verkleidung: uv beständiges polycarbonat	Code C-U300012
	Optik - SPOT Lichtverteilung: spot,Material Verkleidung: uv beständiges polycarbonat	Code C-U300009
	Blendschutz Blendschutzart: wabenraster. Material:Pom-C, farbe:Schwarz.	Code C-U300008
	Diffusor Diffusorart: filtro ellittico	Code C-U300007
 		Code 81095
 		Code 81094
 	Endkappe Material:Schwarz, farbe:Black.	Code 81085

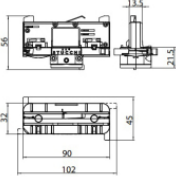
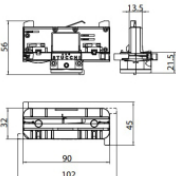
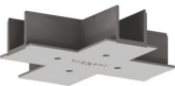
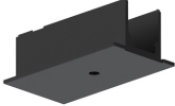
Optus_T V2 | Projectors | Accessories
C00433BBNWF

		Endkappe Material:Weiß.	Code 81084
		Drahtabdeckung Material:Schwarz, farbe:Black.	Code 83250
		Drahtabdeckung Material:Weiß.	Code 83249
		Drahtabdeckung Material:PC, farbe:Black.	Code 81079
		Drahtabdeckung Material:PC, farbe:Weiß.	Code 81078
		Drahtabdeckung Material:PC, farbe:Black.	Code 81073
		Drahtabdeckung Material:PC, farbe:Weiß.	Code 81072
		Klammer L=180mm, H=24mm, D=20mm. Material:Aluminium, farbe:Schwarz RAL 9005, bearbeitungstyp :Lackierung.	Code 81026

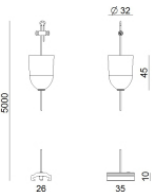
Optus_T V2 | Projectors | Accessories
C00433BBNWF

		Klammer L=180mm, H=24mm, D=20mm. Material:Aluminium, farbe:Weiß RAL 9010, bearbeitungstyp :Lackierung.	Code 81025
		Klammer L=180mm, H=24mm, D=26mm. Material:Aluminium, farbe:Anodised aluminium, bearbeitungstyp :Eloxierung.	Code 81024
		Hängeleuchten Material:Kunststoff, farbe:Black.	Code 81019
		Hängeleuchten Material:Kunststoff, farbe:Weiß.	Code 81018
		Hängeleuchten Material:Kunststoff, farbe:Black.	Code 81009
		Hängeleuchten Material:Kunststoff, farbe:Weiß.	Code 81007
		Hängeleuchten Material:Kunststoff, farbe:Black.	Code 81008
		Hängeleuchten Material:Kunststoff, farbe:Weiß.	Code 81006

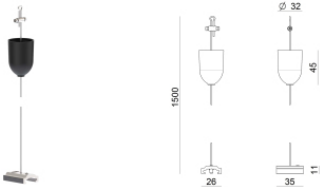
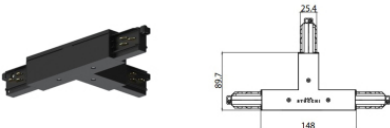
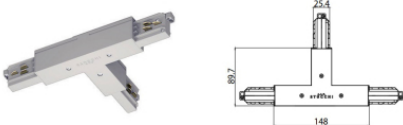
Optus_T V2 | Projectors | Accessories
C00433BBNWF

		Werkzeug - Schneidezange S?9000/T Material:Gummi, farbe:Black.	Code 81005
			Code 81093
			Code 81091
		Drahtabdeckung Material:PC, farbe:Black.	Code 81082
		Drahtabdeckung Material:PC, farbe:Weiß.	Code 81081
		Drahtabdeckung Material:PC, farbe:Black.	Code 81076
		Drahtabdeckung Material:PC, farbe:Weiß.	Code 81075
		Drahtabdeckung Material:PC, farbe:Black.	Code 81070

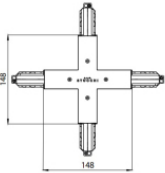
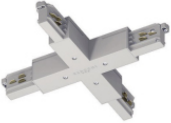
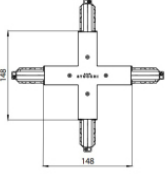
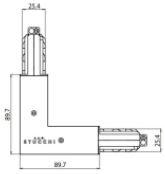
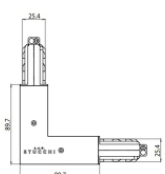
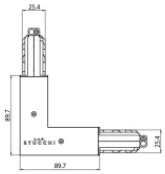
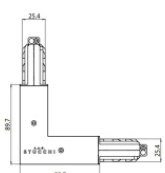
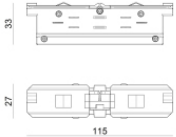
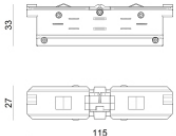
Optus_T V2 | Projectors | Accessories
C00433BBNWF

		Drahtabdeckung Material:PC, farbe:Weiß.	Code <u>81069</u>
		Klammer L=35mm, H=14mm, D=24mm. Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.	Code <u>81088</u>
		Klammer L=35mm, H=14mm, D=24mm. Material:Aluminium, farbe:Weiß, bearbeitungstyp :Lackierung.	Code <u>81087</u>
		Klammer L=35mm, H=14mm, D=24mm. Material:Aluminium, farbe:Polished aluminium.	Code <u>81086</u>
		Hängeleuchten Material:Kunststoff, farbe:Black.	Code <u>81022</u>
		Hängeleuchten Material:Kunststoff, farbe:Weiß.	Code <u>81021</u>
		Deckenrosette - Schwarzes Aufhängungsset 5 m + Halterung (9000-KIT5-5-B) Einschließlich Driver: Nein. Material:Kunststoff, farbe:Black.	Code <u>81015</u>
		Deckenrosette - Weißes Aufhängungsset 5 m + Halterung (9000-KIT5-5-W) Einschließlich Driver: Nein. Material:Kunststoff, farbe:Weiß.	Code <u>81013</u>

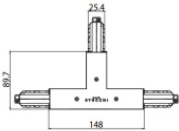
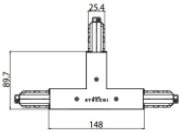
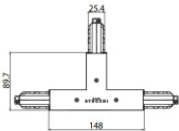
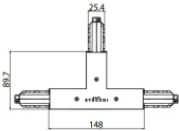
Optus_T V2 | Projectors | Accessories
C00433BBNWF

	Deckenrosette - Schwarzes Aufhängungsset 1,5 m + Halterung (9000-KIT5-1,5-B) Einschließlich Driver: Nein. Material:Kunststoff, farbe:Black.	Code <u>81014</u>
	Deckenrosette - Weißes Aufhängungsset 1,5 m + Halterung (9000-KIT5-1,5-W) Einschließlich Driver: Nein. Material:Kunststoff, farbe:Weiß.	Code <u>81012</u>
	Endkappe Material:PC, farbe:Black.	Code <u>81003</u>
	Endkappe Material:PC, farbe:Weiß.	Code <u>81002</u>
	Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81061</u>
	Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81060</u>
	Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81058</u>
	Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81057</u>

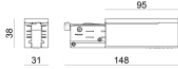
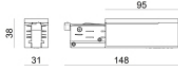
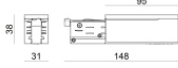
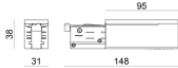
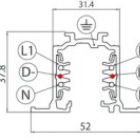
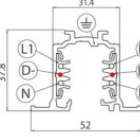
Optus_T V2 | Projectors | Accessories
C00433BBNWF

		Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81064</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81063</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81049</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81048</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81046</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81045</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81040</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81039</u>

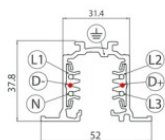
Optus_T V2 | Projectors | Accessories
C00433BBNWF

		Endkappe Material:PC, farbe:Black.	Code <u>81000</u>
		Endkappe Material:PC, farbe:Weiß.	Code <u>80999</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81055</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81054</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81052</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81051</u>
		Kabelverbindung Typ flexible curve. Material:PC, farbe:Black.	Code <u>81067</u>
		Kabelverbindung Typ flexible curve. Material:PC, farbe:Weiß.	Code <u>81066</u>

Optus_T V2 | Projectors | Accessories
C00433BBNWF

		Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81043</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81042</u>
		Stromversorgung Material:PC, farbe:Black.	Code <u>81037</u>
		Stromversorgung Material:PC, farbe:Weiß.	Code <u>81036</u>
		Stromversorgung Material:PC, farbe:Black.	Code <u>81034</u>
		Stromversorgung Material:PC, farbe:Weiß.	Code <u>81033</u>
		Schiene Länge: 3000mm; Typ Schiene: Standard. Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.	Code <u>80995</u>
		Schiene Länge: 2000mm; Typ Schiene: Standard. Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.	Code <u>80994</u>

Optus_T V2 | Projectors | Accessories
C00433BBNWF



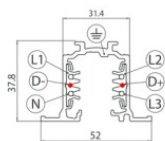
Schiene

Länge: 1000mm; Typ Schiene: Standard.

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

Code

80993



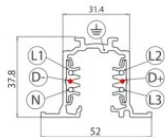
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Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

Code

80992



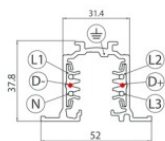
Schiene

Länge: 2000mm; Typ Schiene: Standard.

Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

Code

80991



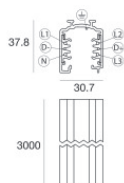
Schiene

Länge: 1000mm; Typ Schiene: Standard.

Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

Code

80990



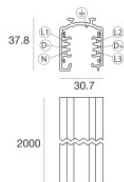
Schiene

Länge: 3000mm; Typ Schiene: Standard.

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

Code

83341



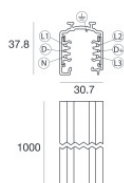
Schiene

Länge: 2000mm; Typ Schiene: Standard.

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

Code

83340



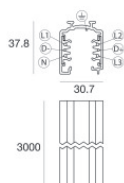
Schiene

Länge: 1000mm; Typ Schiene: Standard.

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

Code

83339



Schiene

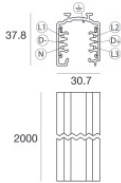
Länge: 3000mm; Typ Schiene: Standard.

Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

Code

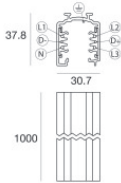
83338

Optus_T V2 | Projectors | Accessories
C00433BBNWF



Schiene
Länge: 2000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

Code
83337



Schiene
Länge: 1000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

Code
83336