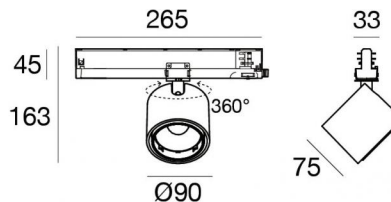


Scheinwerfer | 176-264 V AC /176-280 V DC
1 arrayLED 24 W DC - 27 W AC | CRI 90
82900N30



Technische Daten	
Typ	Schiene
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Flood
Light emission direction	frontal
Lampe Nennleistung	24 W DC
Gesamtleistung	27 W
Lichtstrom (Lichtquelle)	4520 lm
Nominale Eingangsspannung	220 - 240 V AC
Eingangsspannungsbereich	176 - 264 V AC
Frequency	50 - 60 Hz
Ähnlichste Farbtemperatur / Tone	4000 K
Farbwiedergabeindex	90 Ra
Gleichstrom/Gleichspannung	AC
Isolierklasse	2
IP	IP20
Glühdrahtprüfung	850°
Direkte Montage auf normal entflammaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Driver
Leuchte dimmbar	DALI-2 - PUSH DIM
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	0.625 Kg
Schutz vor elektrostatischen Entladungen	Ja
Schutz vor Stoßspannungen	3 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 24 W DC - 27 W AC | CRI 90
82900N30

Single emission projectors for indoor application. The natural white LED light source with a flood light distribution is composed of 1 arrayLEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 4520 lm, with a 188.3 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 0.625 kg.

The total absorbed power is 27 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)	73 %
Lichtstrom (Lichtquelle)	4520 lm
Leuchten Lichtstrom	3301 lm
Consumption	27 W
Leuchten Lichtausbeute	122 lm/W
Farbtemperatur	4000 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 235315h (at Tj 65 Ta 25)

L80 B10 C0 147343h (at Tj 65 Ta 25)

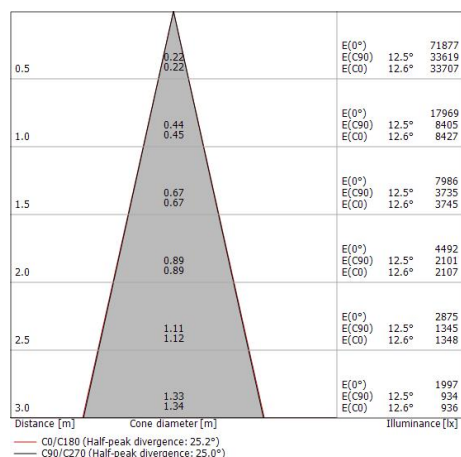
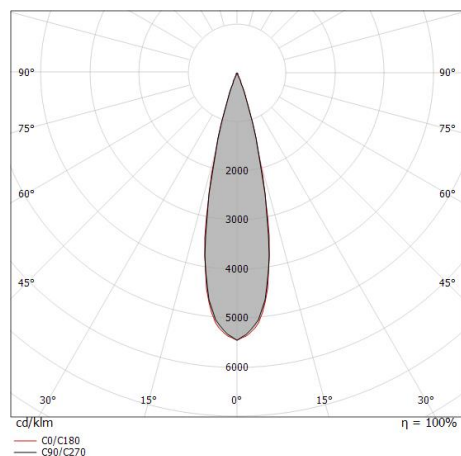
L90 B10 C0 69745h (at Tj 65 Ta 25)

UGR

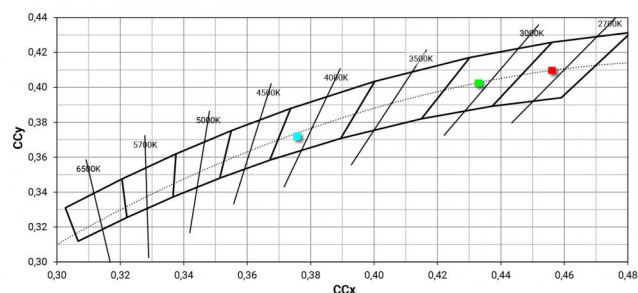
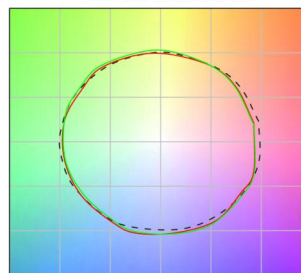
UGR axial	12.3
UGR transversal	12.4
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

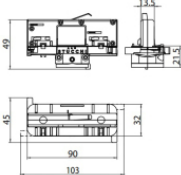
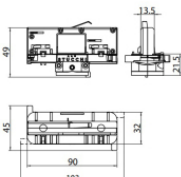
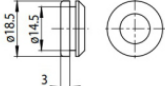
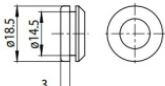
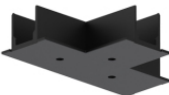
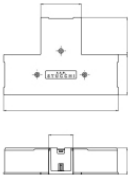
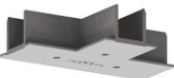
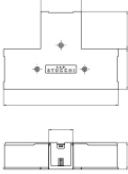
Optik C0/C180	25°
Light distribution simmetry	Symmetrical



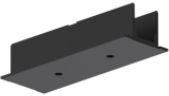
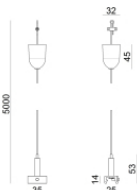
COLOR VECTOR GRAPHIC



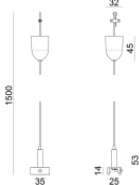
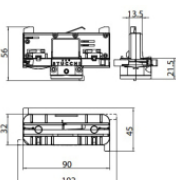
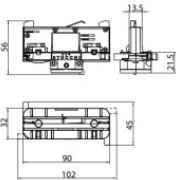
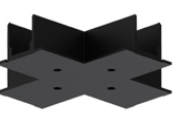
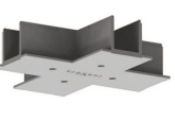
Optus_T | Projectors | Accessories
82900N30

			Code 81095
			Code 81094
		Endkappe Material:Schwarz, farbe:Black.	Code 81085
		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

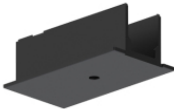
Optus_T | Projectors | Accessories
82900N30

		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
		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

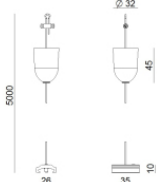
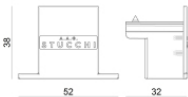
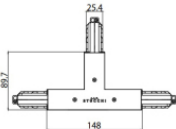
Optus_T | Projectors | Accessories
82900N30

	Hängeleuchten Material:Kunststoff, farbe:Weiß.	Code 81007
 	Hängeleuchten Material:Kunststoff, farbe:Black.	Code 81008
	Hängeleuchten Material:Kunststoff, farbe:Weiß.	Code 81006
	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

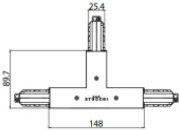
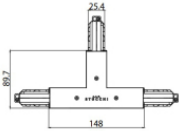
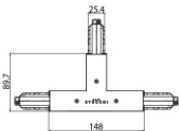
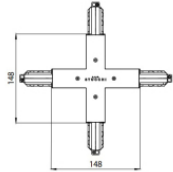
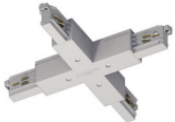
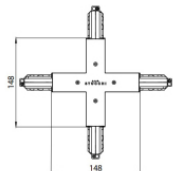
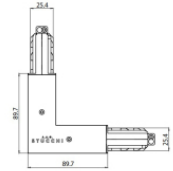
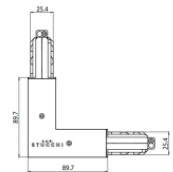
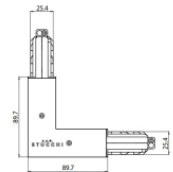
Optus_T | Projectors | Accessories
82900N30

		Drahtabdeckung Material:PC, farbe:Black.	Code <u>81076</u>
		Drahtabdeckung Material:PC, farbe:Weiß.	Code <u>81075</u>
		Drahtabdeckung Material:PC, farbe:Black.	Code <u>81070</u>
		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>

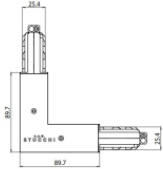
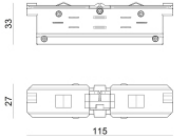
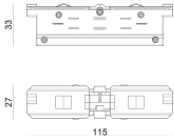
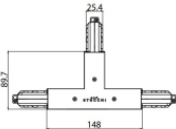
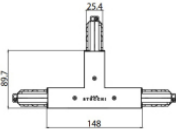
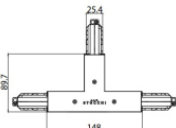
Optus_T | Projectors | Accessories
82900N30

	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>
	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>

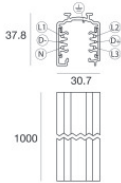
Optus_T | Projectors | Accessories
82900N30

		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>
		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>

Optus_T | Projectors | Accessories
82900N30

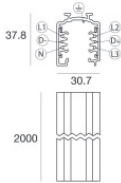
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		Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81040</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81039</u>
		Endkappe Material:PC, farbe:Black.	Code <u>81000</u>
		Endkappe Material:PC, farbe:Weiß.	Code <u>80999</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81055</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81054</u>
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Optus_T | Projectors | Accessories
82900N30



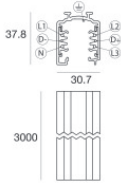
Schiene
Länge: 1000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

Code
83336



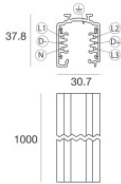
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Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

Code
83337



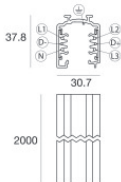
Schiene
Länge: 3000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

Code
83338



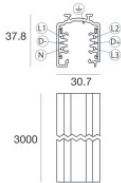
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Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
83339



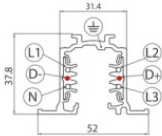
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Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
83340



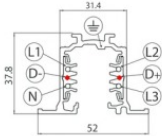
Schiene
Länge: 3000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
83341



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

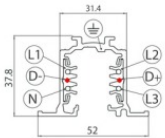
Code
80990



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

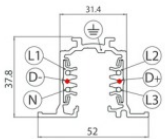
Code
80991

Optus_T | Projectors | Accessories
82900N30



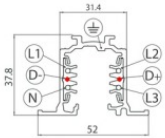
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Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

Code
80992



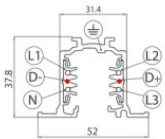
Schiene
Länge: 1000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
80993



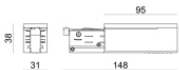
Schiene
Länge: 2000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
80994



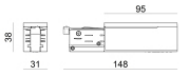
Schiene
Länge: 3000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
80995



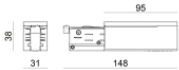
Stromversorgung
Material:PC, farbe:Weiß.

Code
81033



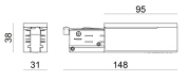
Stromversorgung
Material:PC, farbe:Black.

Code
81034



Stromversorgung
Material:PC, farbe:Weiß.

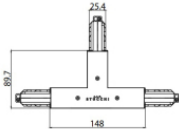
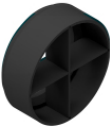
Code
81036



Stromversorgung
Material:PC, farbe:Black.

Code
81037

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82900N30

 	Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81042</u>
 	Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81043</u>
 	Kabelverbindung Typ flexible curve. Material:PC, farbe:Weiß.	Code <u>81066</u>
 	Kabelverbindung Typ flexible curve. Material:PC, farbe:Black.	Code <u>81067</u>
 	Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81051</u>
	Optik - Fokus-Kit (min 16° max 42°) Lichtverteilung: einstellbar,Material Verkleidung: extra-helles glas - gehärtet	Code <u>99843</u>
	Diffusor Diffusorart: filtro ellittico. Material:Pom-C, farbe:Schwarz.	Code <u>99797</u>
	Blendschutz Blendschutzart: frangiluce a croce. Material:Pom-C, farbe:Schwarz.	Code <u>99799</u>

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	Blendschutz Blendschutzart: wabenraster. Material:Pom-C, farbe:Schwarz.	Code 99798
	Blendschutz Blendschutzart: schermo cilindrico 45°. Material:Pom-C, farbe:Schwarz.	Code 99795
	Blendschutz Blendschutzart: schermo cilindrico. Material:Pom-C, farbe:Schwarz.	Code 99796
	Optik Lichtverteilung: spot,Material Verkleidung: uv beständiges polycarbonat	Code 99808
	Optik Lichtverteilung: medium flood,Material Verkleidung: uv beständiges polycarbonat	Code 99809
	Optik Lichtverteilung: flood,Material Verkleidung: uv beständiges polycarbonat	Code 99810
	Blendschutz Blendschutzart: wabenraster. Material:Pom-C, farbe:Schwarz.	Code 99842