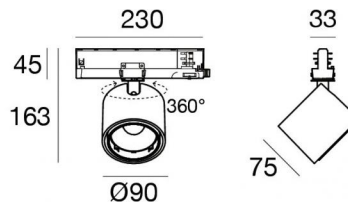


Scheinwerfer | 176-264 V
1 arrayLED 24 W DC - 27 W AC | CRI 98
82240W60



Technische Daten	
Typ	Schiene
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Wide Flood
Light emission direction	frontal
Lampe Nennleistung	24 W DC
Gesamtleistung	27 W
Lichtstrom (Lichtquelle)	3749 lm
Nominale Eingangsspannung	220 - 240 V AC
Eingangsspannungsbereich	176 - 264 V AC
Frequency	50 - 60 Hz
Ähnlichste Farbtemperatur / Tone	3000 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	0.625 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 | 1 arrayLED 24 W DC - 27 W AC | CRI 98
82240W60

Single emission projectors 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 98; the source luminous flux is 3749 lm, with a 156.2 lm/W nominal luminous efficacy.

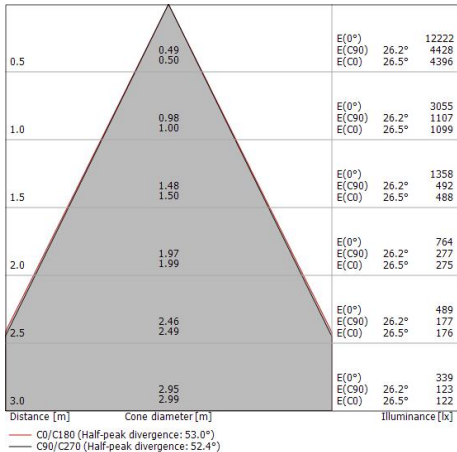
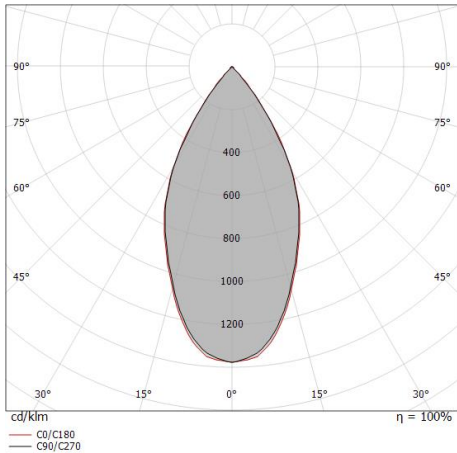
The device body is made of die-cast aluminium en ab - 46100 and features a text black ral9005 finish, processed by means of powder coating with thermosetting powders.

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 E.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	59 %
Lichtstrom (Lichtquelle)	3749 lm
Leuchten Lichtstrom	2218 lm
Consumption	27 W
Leuchten Lichtausbeute	82 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	98 Ra
Black Body Locus	Below
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)

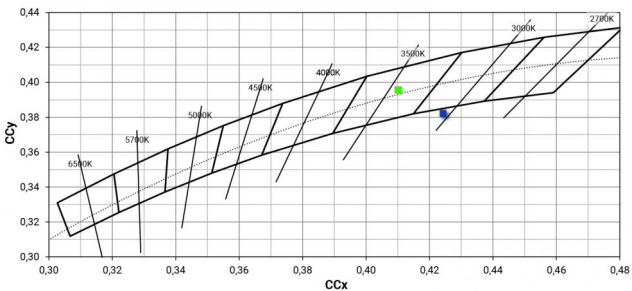
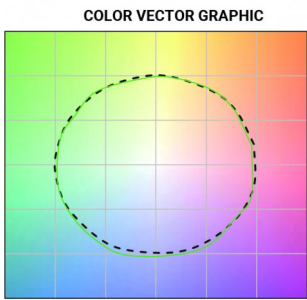
L90 B10 C0 69745h (at Tj 65 Ta 25)

UGR

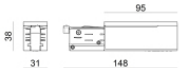
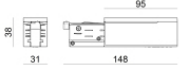
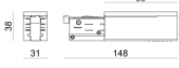
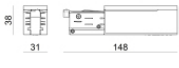
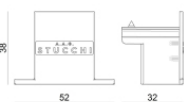
UGR axial	21.4
UGR transversal	21.5
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

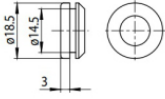
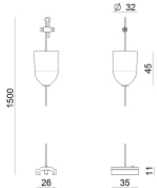
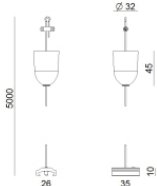
Optik C0/C180	52°
Light distribution simmetry	Symmetrical



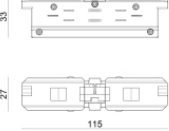
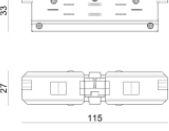
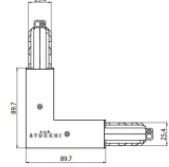
Optus_T | Projectors | Accessories
82240W60

 	Stromversorgung Material:PC, farbe:Weiß.	Code 81033
 	Stromversorgung Material:PC, farbe:Weiß.	Code 81036
 	Stromversorgung Material:PC, farbe:Black.	Code 81037
 	Stromversorgung Material:PC, farbe:Black.	Code 81034
	Endkappe Material:PC, farbe:Weiß.	Code 80999
	Endkappe Material:PC, farbe:Black.	Code 81000
	Endkappe Material:PC, farbe:Weiß.	Code 81002
 	Endkappe Material:PC, farbe:Black.	Code 81003

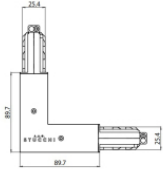
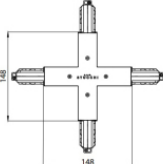
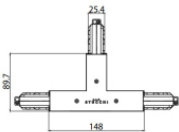
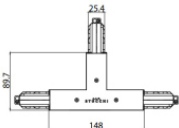
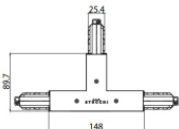
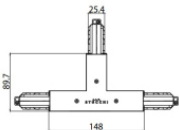
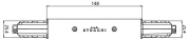
Optus_T | Projectors | Accessories
82240W60

		Endkappe Material:Weiß.	Code 81084
		Endkappe Material:Schwarz, farbe:Black.	Code 81085
		Deckenrosette - Weißes Aufhängungsset 1,5 m + Halterung (9000-KIT5-1,5-W) Einschließlich Driver: Nein. Material:Kunststoff, farbe:Weiß.	Code 81012
		Deckenrosette - Schwarzes Aufhängungsset 1,5 m + Halterung (9000-KIT5-1,5-B) Einschließlich Driver: Nein. Material:Kunststoff, farbe:Black.	Code 81014
		Deckenrosette - Weißes Aufhängungsset 5 m + Halterung (9000-KIT5-5-W) Einschließlich Driver: Nein. Material:Kunststoff, farbe:Weiß.	Code 81013
		Deckenrosette - Schwarzes Aufhängungsset 5 m + Halterung (9000-KIT5-5-B) Einschließlich Driver: Nein. Material:Kunststoff, farbe:Black.	Code 81015
		Klammer L=35mm, H=14mm, D=24mm. Material:Aluminium, farbe:Polished aluminium.	Code 81086
		Klammer L=180mm, H=24mm, D=26mm. Material:Aluminium, farbe:Anodised aluminium, bearbeitungstyp :Eloxierung.	Code 81024

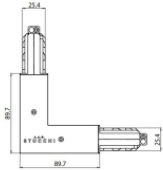
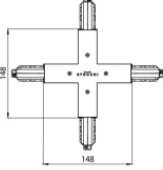
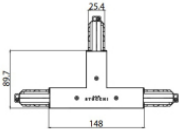
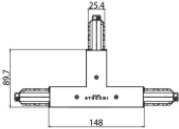
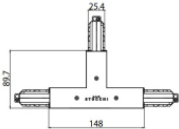
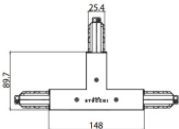
Optus_T | Projectors | Accessories
82240W60

		Klammer L=180mm, H=24mm, D=20mm. Material:Aluminium, farbe:Weiß RAL 9010, bearbeitungstyp :Lackierung.	Code <u>81025</u>
		Klammer L=180mm, H=24mm, D=20mm. Material:Aluminium, farbe:Schwarz RAL 9005, bearbeitungstyp :Lackierung.	Code <u>81026</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:Text black RAL9005, bearbeitungstyp :Lackierung.	Code <u>81088</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81039</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81040</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81042</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81045</u>

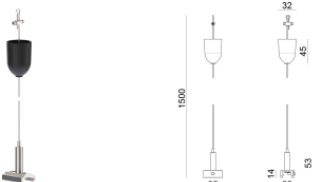
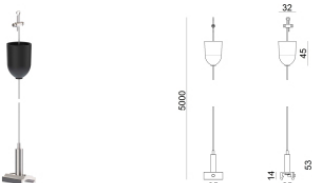
Optus_T | Projectors | Accessories
82240W60

		Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81048</u>
		Kabelverbindung Typ flexible curve. Material:PC, farbe:Weiß.	Code <u>81066</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81063</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81051</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81054</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81057</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81060</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81043</u>

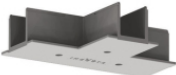
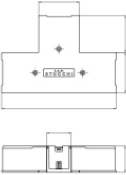
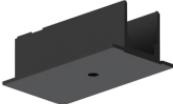
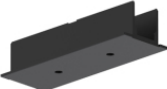
Optus_T | Projectors | Accessories
82240W60

		Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81046</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81049</u>
		Kabelverbindung Typ flexible curve. Material:PC, farbe:Black.	Code <u>81067</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81064</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81052</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81055</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81058</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81061</u>

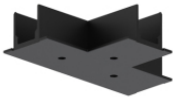
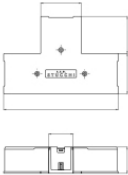
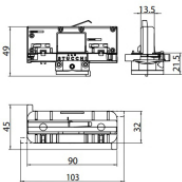
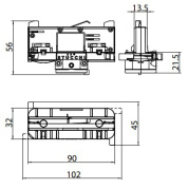
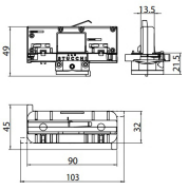
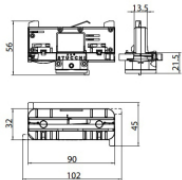
Optus_T | Projectors | Accessories
82240W60

	Hängeleuchten Material:Kunststoff, farbe:Weiß.	Code 81006
	Hängeleuchten Material:Kunststoff, farbe:Weiß.	Code 81007
	Hängeleuchten Material:Kunststoff, farbe:Black.	Code 81008
	Hängeleuchten Material:Kunststoff, farbe:Black.	Code 81009
	Hängeleuchten Material:Kunststoff, farbe:Weiß.	Code 81018
	Hängeleuchten Material:Kunststoff, farbe:Black.	Code 81019
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	Hängeleuchten Material:Kunststoff, farbe:Black.	Code 81022

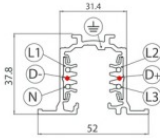
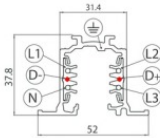
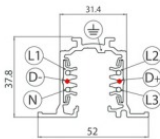
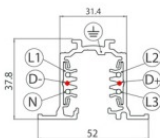
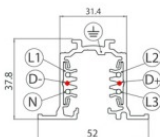
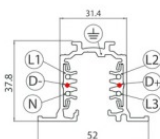
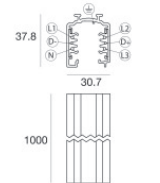
Optus_T | Projectors | Accessories
82240W60

		Drahtabdeckung Material:PC, farbe:Weiß.	Code <u>81069</u>
		Drahtabdeckung Material:PC, farbe:Weiß.	Code <u>81072</u>
		Drahtabdeckung Material:PC, farbe:Weiß.	Code <u>81075</u>
		Drahtabdeckung Material:PC, farbe:Weiß.	Code <u>81078</u>
		Drahtabdeckung Material:PC, farbe:Weiß.	Code <u>81081</u>
		Drahtabdeckung Material:PC, farbe:Black.	Code <u>81070</u>
		Drahtabdeckung Material:PC, farbe:Black.	Code <u>81073</u>
		Drahtabdeckung Material:PC, farbe:Black.	Code <u>81076</u>

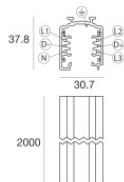
Optus_T | Projectors | Accessories
82240W60

		Drahtabdeckung Material:PC, farbe:Black.	Code 81079
		Drahtabdeckung Material:PC, farbe:Black.	Code 81082
		Drahtabdeckung Material:Weiß.	Code 83249
		Drahtabdeckung Material:Schwarz, farbe:Black.	Code 83250
			Code 81094
			Code 81091
			Code 81095
			Code 81093

Optus_T | Projectors | Accessories
82240W60

		Werkzeug - Schneidezange S?9000/T Material:Gummi, farbe:Black.	Code 81005
		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
		Schiene Länge: 3000mm; Typ Schiene: Standard. 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
		Schiene Länge: 1000mm; Typ Schiene: Standard. Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.	Code 83336

Optus_T | Projectors | Accessories
82240W60



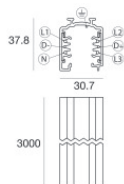
Schiene

Länge: 2000mm; Typ Schiene: Standard.

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

Code

83337



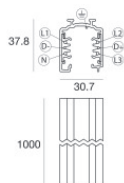
Schiene

Länge: 3000mm; Typ Schiene: Standard.

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

Code

83338



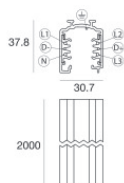
Schiene

Länge: 1000mm; Typ Schiene: Standard.

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

Code

83339



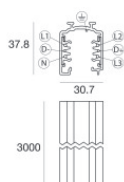
Schiene

Länge: 2000mm; Typ Schiene: Standard.

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



Diffusor

Diffusorart: filtro ellittico.

Material:Pom-C, farbe:Schwarz.

Code

99797



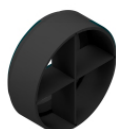
Blendschutz

Blendschutzart: wabenraster.

Material:Pom-C, farbe:Schwarz.

Code

99798



Blendschutz

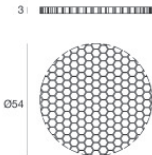
Blendschutzart: frangiluce a croce.

Material:Pom-C, farbe:Schwarz.

Code

99799

Optus_T | Projectors | Accessories
82240W60

	Blendschutz Blendschutzart: schermo cilindrico. Material:Pom-C, farbe:Schwarz.	Code 99796
	Blendschutz Blendschutzart: schermo cilindrico 45°. Material:Pom-C, farbe:Schwarz.	Code 99795
 	Blendschutz Blendschutzart: wabenraster. Material:Pom-C, farbe:Schwarz.	Code 99842
	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
	Optik - Fokus-Kit (min 16° max 42°) Lichtverteilung: einstellbar,Material Verkleidung: extra-helles glas - gehärtet	Code 99843