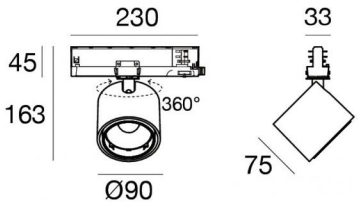
Scheinwerfer | 176-264 V
1 arrayLED 24 W DC - 27 W AC | CRI 98
82237N60







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)	3974 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 entflammbaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Driver
Leuchte dimmbar	Nein
Schwenkbarkeit	Orientabile
Gesamtwinkel (vertikale Ebene)	90 °
Gesamtwinkel (horizontale Ebene)	360 °
Drehbarkeit	Nein
Begehbarkeit	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 white RAL9003
Bearbeitungstyp	Pulverbeschichtung mit duroplastischen Pulvern

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Scheinwerfer | 176-264 V | 1 arrayLED 24 W DC - 27 W AC | CRI 98
82237N60

Single emission projectors for indoor application. The natural white LED light source with a wide flood light distribution is composed of 1 arrayled LEDs with CCT of 4000 K and a CRI 98; the source luminous flux is 3974 lm, with a 165.6 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a text white ral9003 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.

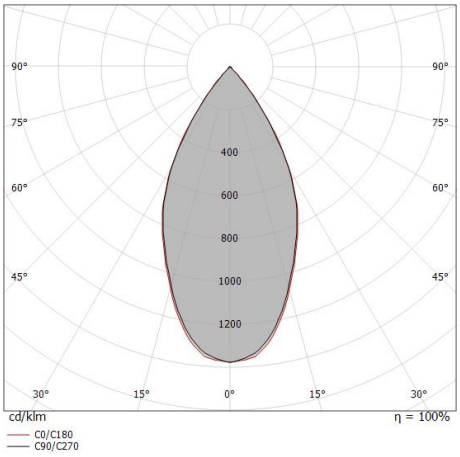
Energieeffizienzklasse
Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

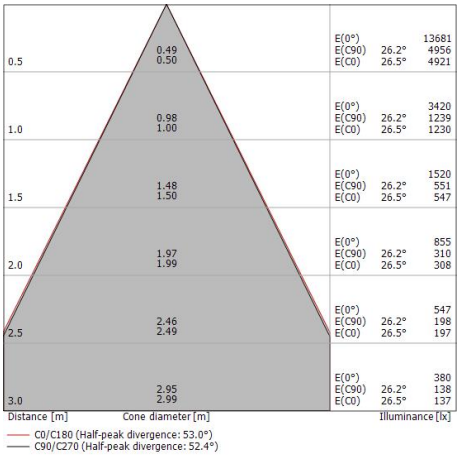
Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	62 %
Lichtstrom (Lichtquelle)	3974 lm
Leuchten Lichtstrom	2483 lm
Consumption	27 W
Leuchten Lichtausbeute	91 lm/W
Farbtemperatur	4000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	98 Ra
Black Body Locus	On
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

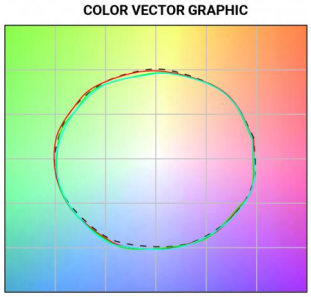
LED Life / Failure Ratio
L70 B10 C0 235315h (at Tj 65 Ta 25)
L80 B10 C0 147343h (at Tj 65 Ta 25)
L90 B10 C0 69745h (at Tj 65 Ta 25)

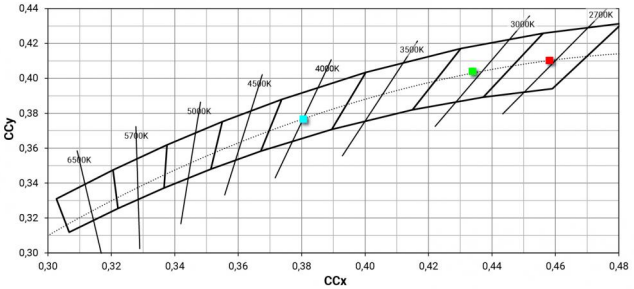
UGR	
UGR axial	21.8
UGR transversal	21.9
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C0/C180	52°
Light distribution simmetry	Symmetrical









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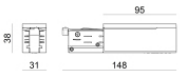
Optus_T | Projectors | Accessories
82237N60

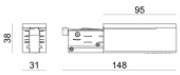




Stromversorgung
Material:PC, farbe:Weiß.

Code
81033

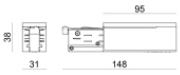




Stromversorgung
Material:PC, farbe:Weiß.

Code
81036

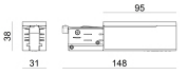




Stromversorgung
Material:PC, farbe:Black.

Code
81037





Stromversorgung
Material:PC, farbe:Black.

Code
81034



Endkappe
Material:PC, farbe:Weiß.

Code
80999



Endkappe
Material:PC, farbe:Black.

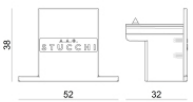
Code
81000



Endkappe
Material:PC, farbe:Weiß.

Code
81002





Endkappe
Material:PC, farbe:Black.

Code
81003

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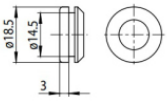
Optus_T | Projectors | Accessories
82237N60

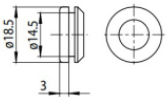




Endkappe
Material:Weiß.

Code
81084





Endkappe
Material:Schwarz, farbe:Black.

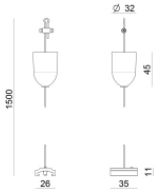
Code
81085



Deckenrosette - Weißes Aufhängungsset 1,5 m + Halterung (9000-KIT5-1,5-W)
Einschließlich Driver: Nein.
Material:Kunststoff, farbe:Weiß.

Code
81012

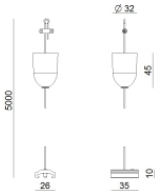




Deckenrosette - Schwarzes Aufhängungsset 1,5 m + Halterung (9000-KIT5-1,5-B)
Einschließlich Driver: Nein.
Material:Kunststoff, farbe:Black.

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

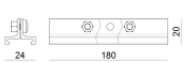




Klammer
L=35mm, H=14mm, D=24mm.
Material:Aluminium, farbe:Polished aluminium.

Code
81086





Klammer
L=180mm, H=24mm, D=26mm.
Material:Aluminium, farbe:Anodised aluminium, bearbeitungstyp :Eloxierung.

Code
81024

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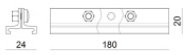
Optus_T | Projectors | Accessories
82237N60

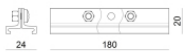




Klammer
L=180mm, H=24mm, D=20mm.
Material:Aluminium, farbe:Weiß RAL 9010, bearbeitungstyp :Lackierung.

Code
81025





Klammer
L=180mm, H=24mm, D=20mm.
Material:Aluminium, farbe:Schwarz RAL 9005, bearbeitungstyp :Lackierung.

Code
81026





Klammer
L=35mm, H=14mm, D=24mm.
Material:Aluminium, farbe:Weiß, bearbeitungstyp :Lackierung.

Code
81087

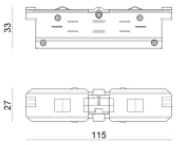




Klammer
L=35mm, H=14mm, D=24mm.
Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
81088

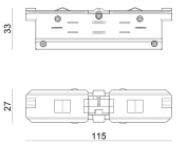




Kabelverbindung
Typ linear.
Material:PC, farbe:Weiß.

Code
81039





Kabelverbindung
Typ linear.
Material:PC, farbe:Black.

Code
81040

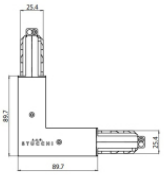




Kabelverbindung
Typ linear.
Material:PC, farbe:Weiß.

Code
81042





Kabelverbindung
Typ linear.
Material:PC, farbe:Weiß.

Code
81045

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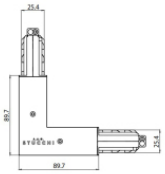
Optus_T | Projectors | Accessories
82237N60

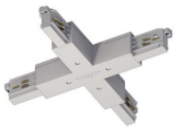
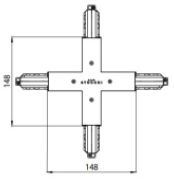
Kabelverbindung
Typ linear.
Material:PC, farbe:Weiß.

Code
81048




Kabelverbindung
Typ flexible curve.
Material:PC, farbe:Weiß.

Code
81066

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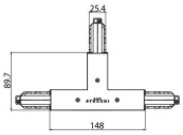
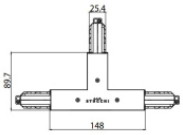
Typ linear.
Material:PC, farbe:Weiß.

Code
81063

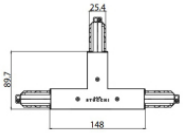
Kabelverbindung
Typ linear.
Material:PC, farbe:Weiß.

Code
81051

Kabelverbindung
Typ linear.
Material:PC, farbe:Weiß.

Code
81054

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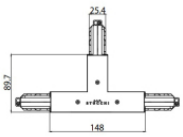
Typ linear.
Material:PC, farbe:Weiß.

Code
81057

Kabelverbindung
Typ linear.
Material:PC, farbe:Weiß.

Code
81060




Kabelverbindung
Typ linear.
Material:PC, farbe:Black.

Code
81043

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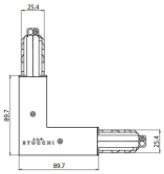
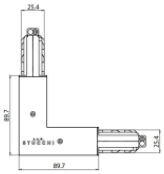
Optus_T | Projectors | Accessories
82237N60

Kabelverbindung
Typ linear.
Material:PC, farbe:Black.

Code
81046

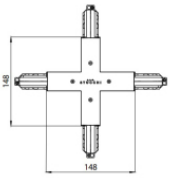
Kabelverbindung
Typ linear.
Material:PC, farbe:Black.

Code
81049




Kabelverbindung
Typ flexible curve.
Material:PC, farbe:Black.

Code
81067

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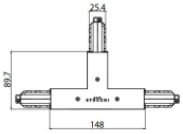
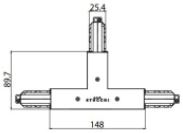
Typ linear.
Material:PC, farbe:Black.

Code
81064

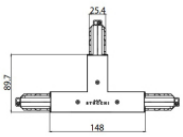
Kabelverbindung
Typ linear.
Material:PC, farbe:Black.

Code
81052

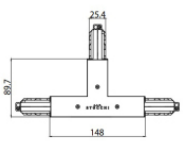
Kabelverbindung
Typ linear.
Material:PC, farbe:Black.

Code
81055

Kabelverbindung
Typ linear.
Material:PC, farbe:Black.

Code
81058

Kabelverbindung
Typ linear.
Material:PC, farbe:Black.

Code
81061

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Optus_T | Projectors | Accessories
82237N60



Hängeleuchten
Material:Kunststoff, farbe:Weiß.

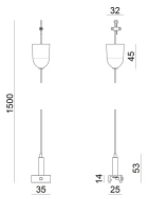
Code
81006



Hängeleuchten
Material:Kunststoff, farbe:Weiß.

Code
81007

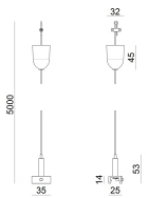




Hängeleuchten
Material:Kunststoff, farbe:Black.

Code
81008





Hängeleuchten
Material:Kunststoff, farbe:Black.

Code
81009



Hängeleuchten
Material:Kunststoff, farbe:Weiß.

Code
81018



Hängeleuchten
Material:Kunststoff, farbe:Black.

Code
81019



Hängeleuchten
Material:Kunststoff, farbe:Weiß.

Code
81021



Hängeleuchten
Material:Kunststoff, farbe:Black.

Code
81022

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Optus_T | Projectors | Accessories
82237N60



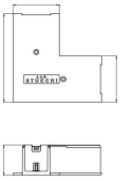

Drahtabdeckung
Material:PC, farbe:Weiß.

Code
81069



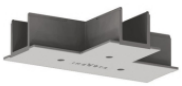
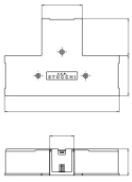

Drahtabdeckung
Material:PC, farbe:Weiß.

Code
81072

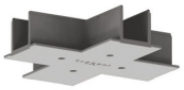
Drahtabdeckung
Material:PC, farbe:Weiß.

Code
81075

Drahtabdeckung
Material:PC, farbe:Weiß.

Code
81078




Drahtabdeckung
Material:PC, farbe:Weiß.

Code
81081



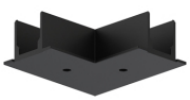
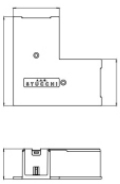

Drahtabdeckung
Material:PC, farbe:Black.

Code
81070




Drahtabdeckung
Material:PC, farbe:Black.

Code
81073

Drahtabdeckung
Material:PC, farbe:Black.

Code
81076

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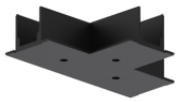
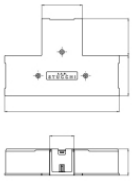




Drahtabdeckung
Material:PC, farbe:Black.

Code
81079





Drahtabdeckung
Material:PC, farbe:Black.

Code
81082

Drahtabdeckung
Material:Weiß.

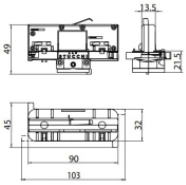
Code
83249



Drahtabdeckung
Material:Schwarz, farbe:Black.

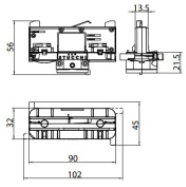
Code
83250





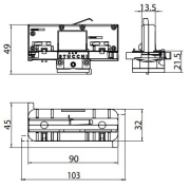
Code
81094





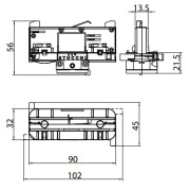
Code
81091





Code
81095





Code
81093

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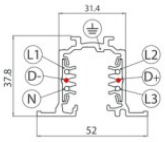
Optus_T | Projectors | Accessories
82237N60



Werkzeug - Schneidezange S?9000/T
Material:Gummi, farbe:Black.

Code
81005

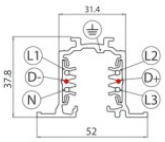




Schiene
Länge: 1000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

Code
80990

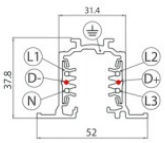




Schiene
Länge: 2000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

Code
80991

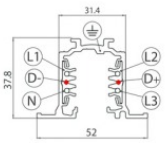




Schiene
Länge: 3000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

Code
80992

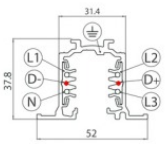




Schiene
Länge: 1000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
80993

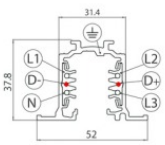




Schiene
Länge: 2000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
80994

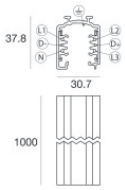




Schiene
Länge: 3000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
80995





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

Code
83336

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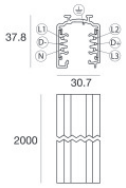
Optus_T | Projectors | Accessories
82237N60

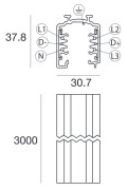




Schiene
Länge: 2000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

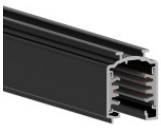
Code
83337

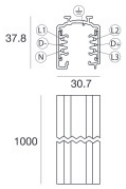




Schiene
Länge: 3000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

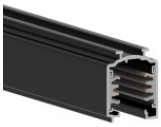
Code
83338

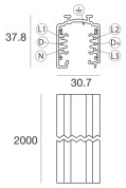




Schiene
Länge: 1000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

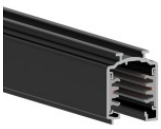
Code
83339

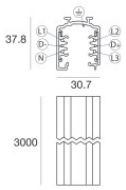




Schiene
Länge: 2000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
83340





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

Code
83341



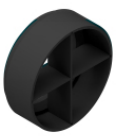
Diffusor
Diffusorart: filtro ellittico.
Material:Pom-C, farbe:Schwarz.

Code
99797



Blendschutz
Blendschutzart: wabenraster.
Material:Pom-C, farbe:Schwarz.

Code
99798



Blendschutz
Blendschutzart: frangiluce a croce.
Material:Pom-C, farbe:Schwarz.

Code
99799

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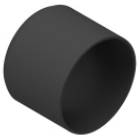
82237N60



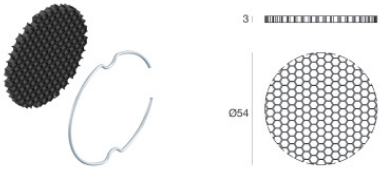
Blendschutz
Blendschutzart: schermo cilindrico.
Material:Pom-C, farbe:Schwarz.

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

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