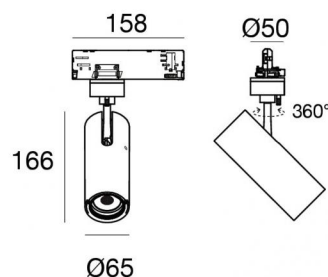


Scheinwerfer | 198-264 V
1 arrayLED 23 W DC - 26 W AC | CRI 90
82230N60



Technische Daten	
Typ	Schiene
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Wide Flood
Light emission direction	frontal
Lampe Nennleistung	23 W DC
Gesamtleistung	26 W
Lichtstrom (Lichtquelle)	3802 lm
Nominale Eingangsspannung	220 - 240 V AC
Eingangsspannungsbereich	198 - 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	Dimming on Board
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	0.612 Kg
Schutz vor elektrostatischen Entladungen	Ja
Schutz vor Stoßspannungen	2 KV
Optiktechnologie	Anti - Glare

Oberfläche Oberfläche Gehäuse

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

Scheinwerfer | 198-264 V | 1 arrayLED 23 W DC - 26 W AC | CRI 90
82230N60

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 90; the source luminous flux is 3802 lm, with a 165.3 lm/W nominal luminous efficacy.

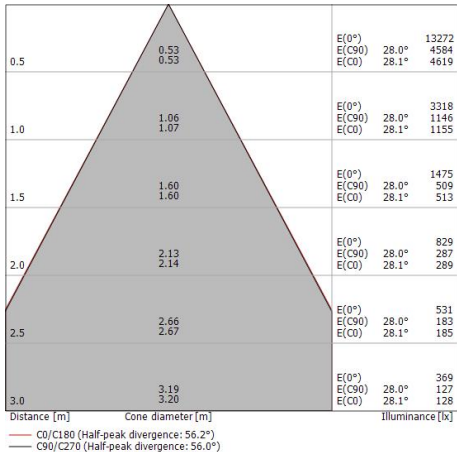
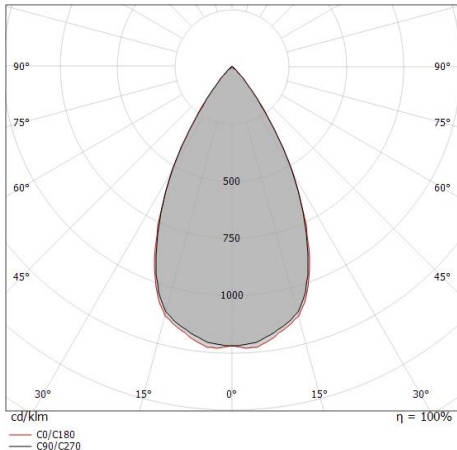
The device body is made of die-cast aluminium en ab - 46100 and features a text black ral9005 finish, processed by means of powder coating with thermosetting powders.

The ingress protection degree is IP20; the total weight is of 0.612 kg.

The total absorbed power is 26 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)	71 %
Lichtstrom (Lichtquelle)	3802 lm
Leuchten Lichtstrom	2721 lm
Consumption	26 W
Leuchten Lichtausbeute	104 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 237566h (at Tj 65 Ta 25)

L80 B10 C0 148737h (at Tj 65 Ta 25)

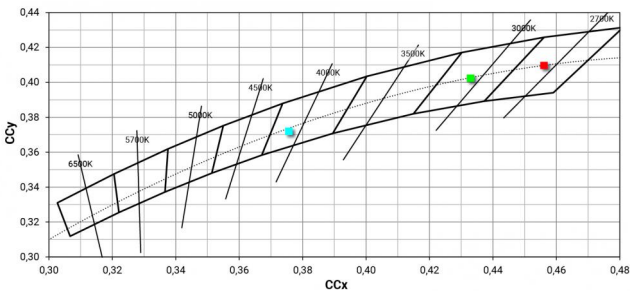
L90 B10 C0 70385h (at Tj 65 Ta 25)

UGR

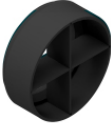
UGR axial	24
UGR transversal	24
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

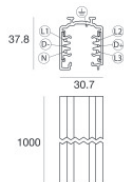
Optik C0/C180	56°
Light distribution simmetry	Symmetrical



Pound_T | Projectors | Accessories
82230N60

	Optik Lichtverteilung: spot,Material Verkleidung: uv beständiges polycarbonat	Code <u>99827</u>
	Optik Lichtverteilung: medium flood,Material Verkleidung: uv beständiges polycarbonat	Code <u>99828</u>
	Optik Lichtverteilung: flood,Material Verkleidung: uv beständiges polycarbonat	Code <u>99829</u>
	Blendschutz Blendschutzart: frangiluce a croce. Material:Pom-C, farbe:Schwarz.	Code <u>99779</u>
	Blendschutz Blendschutzart: wabenraster. Material:Pom-C, farbe:Schwarz.	Code <u>99780</u>
	Diffusor Diffusorart: filtro ellittico. Material:Pom-C, farbe:Schwarz.	Code <u>99781</u>
	Blendschutz Blendschutzart: schermo cilindrico 45°. Material:Pom-C, farbe:Schwarz.	Code <u>99782</u>
	Blendschutz Blendschutzart: schermo cilindrico. Material:Pom-C, farbe:Schwarz.	Code <u>99783</u>

Pound_T | Projectors | Accessories
82230N60



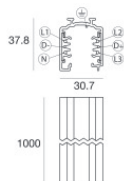
Schiene

Länge: 1000mm; Typ Schiene: Standard.

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

Code

83336



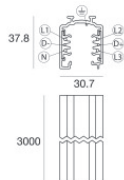
Schiene

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

Code

83339



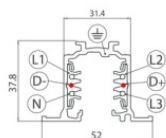
Schiene

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

Code

83341



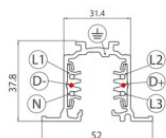
Schiene

Länge: 2000mm; Typ Schiene: Standard.

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

Code

80991



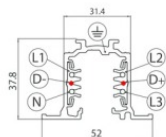
Schiene

Länge: 1000mm; Typ Schiene: Standard.

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

Code

80993



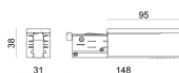
Schiene

Länge: 3000mm; Typ Schiene: Standard.

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

Code

80992

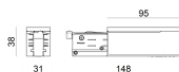


Stromversorgung

Material:PC, farbe:Weiß.

Code

81033



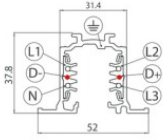
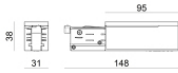
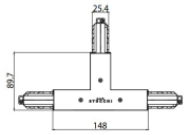
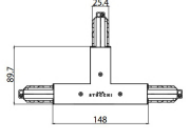
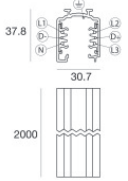
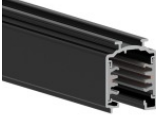
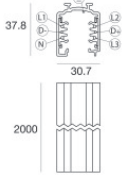
Stromversorgung

Material:PC, farbe:Black.

Code

81037

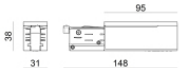
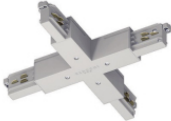
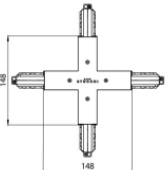
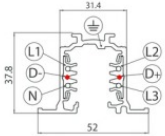
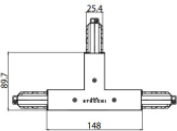
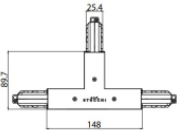
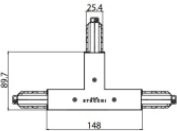
Pound_T | Projectors | Accessories
82230N60

		Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81042</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81043</u>
		Schiene Länge: 2000mm; Typ Schiene: Standard. Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.	Code <u>80994</u>
		Stromversorgung Material:PC, farbe:Weiß.	Code <u>81036</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81051</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81052</u>
		Schiene Länge: 2000mm; Typ Schiene: Standard. Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.	Code <u>83337</u>
		Schiene Länge: 2000mm; Typ Schiene: Standard. Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.	Code <u>83340</u>

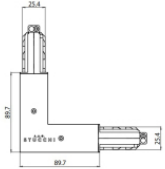
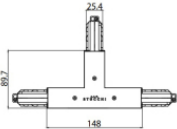
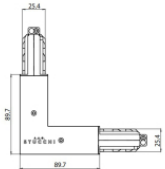
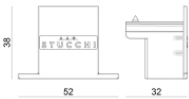
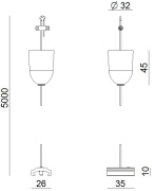
Pound_T | Projectors | Accessories
82230N60

		Kabelverbindung Typ flexible curve. Material:PC, farbe:Weiß.	Code <u>81066</u>
		Endkappe Material:PC, farbe:Weiß.	Code <u>80999</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81039</u>
		Schiene Länge: 3000mm; Typ Schiene: Standard. Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.	Code <u>80995</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81054</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81040</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81045</u>
		Kabelverbindung Typ flexible curve. Material:PC, farbe:Black.	Code <u>81067</u>

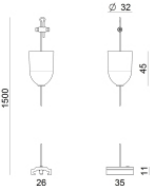
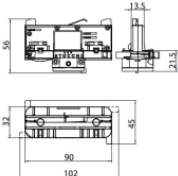
Pound_T | Projectors | Accessories
82230N60

		Stromversorgung Material:PC, farbe:Black.	Code <u>81034</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81063</u>
		Schiene Länge: 1000mm; Typ Schiene: Standard. Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.	Code <u>80990</u>
		Endkappe Material:PC, farbe:Black.	Code <u>81000</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81058</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81061</u>
		Endkappe Material:PC, farbe:Weiß.	Code <u>81002</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81057</u>

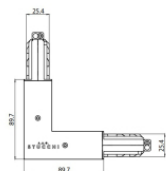
Pound_T | Projectors | Accessories
82230N60

		Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81046</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81060</u>
		Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code <u>81049</u>
		Deckenrosette - Schwarzes Aufhängungsset 5 m + Halterung (9000-KIT5-5-B) Einschließlich Driver: Nein. Material:Kunststoff, farbe:Black.	Code <u>81015</u>
		Hängeleuchten Material:Kunststoff, farbe:Weiß.	Code <u>81021</u>
		Hängeleuchten Material:Kunststoff, farbe:Black.	Code <u>81022</u>
		Endkappe Material:PC, farbe:Black.	Code <u>81003</u>
		Deckenrosette - Weißes Aufhängungsset 5 m + Halterung (9000-KIT5-5-W) Einschließlich Driver: Nein. Material:Kunststoff, farbe:Weiß.	Code <u>81013</u>

Pound_T | Projectors | Accessories
82230N60

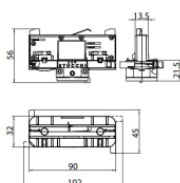
	Deckenrosette - Weißes Aufhängungsset 1,5 m + Halterung (9000-KIT5-1,5-W) Einschließlich Driver: Nein. Material:Kunststoff, farbe:Weiß.	Code 81012
 	Deckenrosette - Schwarzes Aufhängungsset 1,5 m + Halterung (9000-KIT5-1,5-B) Einschließlich Driver: Nein. Material:Kunststoff, farbe:Black.	Code 81014
 	Klammer L=35mm, H=14mm, D=24mm. Material:Aluminium, farbe:Polished aluminium.	Code 81086
 	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
 	Drahtabdeckung Material:PC, farbe:Weiß.	Code 81075
 	Drahtabdeckung Material:PC, farbe:Black.	Code 81082
 		Code 81091

Pound_T | Projectors | Accessories
82230N60



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

Code
81048



Code
81093



Hängeleuchten
Material:Kunststoff, farbe:Weiß.

Code
81006



Drahtabdeckung
Material:PC, farbe:Weiß.

Code
81069



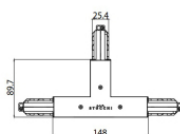
Hängeleuchten
Material:Kunststoff, farbe:Weiß.

Code
81007



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

Code
81005



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

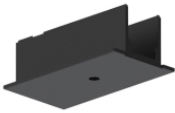
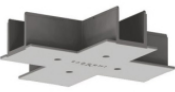
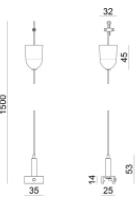
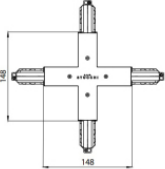
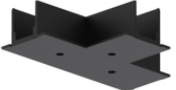
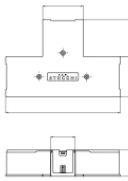
Code
81055



Hängeleuchten
Material:Kunststoff, farbe:Weiß.

Code
81018

Pound_T | Projectors | Accessories
82230N60

		Drahtabdeckung Material:PC, farbe:Black.	Code 81070
		Drahtabdeckung Material:PC, farbe:Weiß.	Code 81081
		Klammer L=180mm, H=24mm, D=20mm. Material:Aluminium, farbe:Schwarz RAL 9005, bearbeitungstyp :Lackierung.	Code 81026
		Drahtabdeckung Material:PC, farbe:Weiß.	Code 81072
		Hängeleuchten Material:Kunststoff, farbe:Black.	Code 81008
		Kabelverbindung Typ linear. Material:PC, farbe:Black.	Code 81064
		Drahtabdeckung Material:PC, farbe:Black.	Code 81079
		Drahtabdeckung Material:Weiß.	Code 83249

Pound_T | Projectors | Accessories
82230N60



Klammer

L=180mm, H=24mm, D=26mm.

Material:Aluminium, farbe:Anodised aluminium, bearbeitungstyp :Eloxierung.

Code

81024



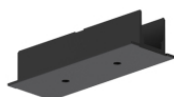
Klammer

L=180mm, H=24mm, D=20mm.

Material:Aluminium, farbe:Weiß RAL 9010, bearbeitungstyp :Lackierung.

Code

81025

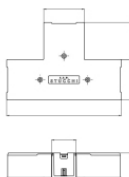
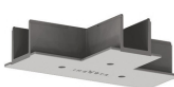


Drahtabdeckung

Material:PC, farbe:Black.

Code

81073



Drahtabdeckung

Material:PC, farbe:Weiß.

Code

81078

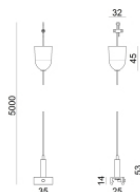


Hängeleuchten

Material:Kunststoff, farbe:Black.

Code

81019



Hängeleuchten

Material:Kunststoff, farbe:Black.

Code

81009

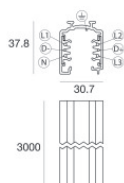


Drahtabdeckung

Material:Schwarz, farbe:Black.

Code

83250



Schiene

Länge: 3000mm; Typ Schiene: Standard.

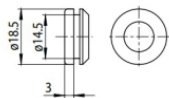
Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

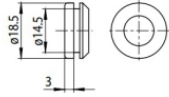
Code

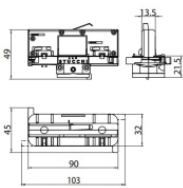
83338

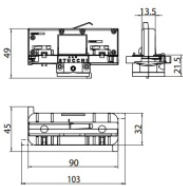
Pound_T | Projectors | Accessories
82230N60

		Drahtabdeckung Material:PC, farbe:Black.	Code 81076
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		Endkappe Material:Weiß.	Code 81084
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		Endkappe Material:Schwarz, farbe:Black.	Code 81085
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			Code 81094
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			Code 81095
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