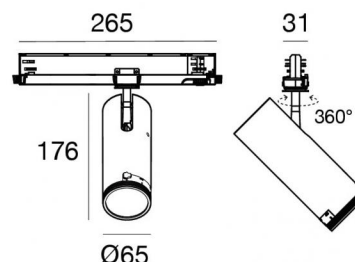


Scheinwerfer | 176-264 V AC /176-280 V DC
1 arrayLED 23 W DC - 26 W AC | CRI 98
82438M85



Technische Daten	
Typ	Schiene
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Adjustable Focus
Light emission direction	frontal
Lampe Nennleistung	23 W DC
Gesamtleistung	26 W
Lichtstrom (Lichtquelle)	3435 lm
Nominale Eingangsspannung	220 - 240 V AC
Eingangsspannungsbereich	176 - 264 V AC
Frequency	50 - 60 Hz
Ähnlichste Farbtemperatur / Tone	2700 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	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	0.735 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 white RAL9003
Bearbeitungstyp	Pulverbeschichtung mit duroplastischen Pulvern

Scheinwerfer | 176-264 V AC /176-280 V DC | 1 arrayLED 23 W DC - 26 W AC | CRI 98 |
Maximaler optischer Winkel
82438M85

Single emission projectors for indoor application. The super warm white LED light source with a adjustable focus light distribution is composed of 1 arrayled LEDs with CCT of 2700 K and a CRI 98; the source luminous flux is 3435 lm, with a 149.3 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 0.735 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 E.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	39 %
Lichtstrom (Lichtquelle)	3435 lm
Leuchten Lichtstrom	1359 lm
Consumption	26 W
Leuchten Lichtausbeute	52 lm/W
Farbtemperatur	2700 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)

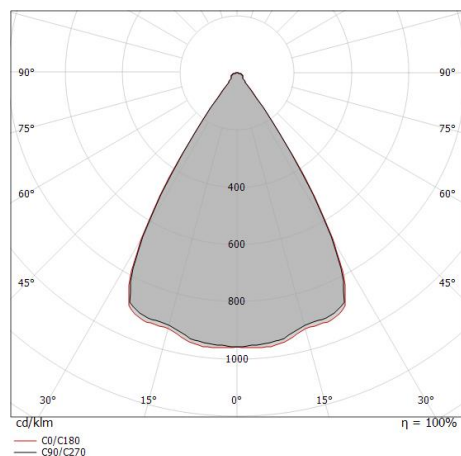
L90 B10 C0 70385h (at Tj 65 Ta 25)

UGR

UGR axial	24.1
UGR transversal	24.2
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

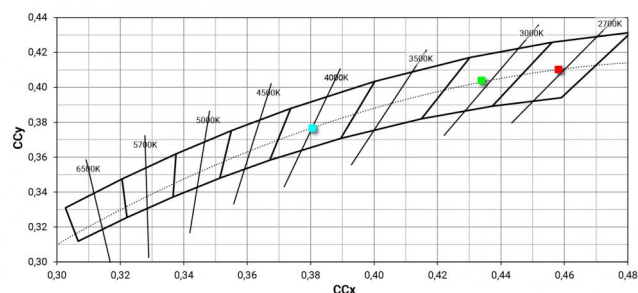
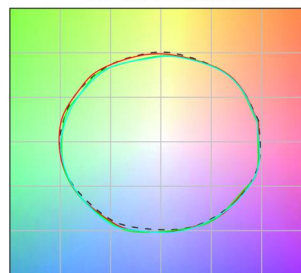
Optik C0/C180	64°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	Illuminance [lx]	E(0°)	E(C90)	E(C0)
0.5	0.63	5205	32.2°	32.2°	32.3°
1.0	1.26	1301	32.2°	32.2°	32.3°
1.5	1.89	578	32.2°	32.2°	32.3°
2.0	2.52	325	32.2°	32.2°	32.3°
2.5	3.15	208	32.2°	32.2°	32.3°
3.0	3.78	145	32.2°	32.2°	32.3°

— C0/C180 (Half-peak divergence: 64.6°)
— C90/C270 (Half-peak divergence: 64.4°)

COLOR VECTOR GRAPHIC



Scheinwerfer | 176-264 V AC /176-280 V DC | 1 arrayLED 23 W DC - 26 W AC | CRI 98 |

Minimaler optischer Winkel

82438M85

Single emission projectors for indoor application. The super warm white LED light source with a adjustable focus light distribution is composed of 1 arrayled LEDs with CCT of 2700 K and a CRI 98; the source luminous flux is 3435 lm, with a 149.3 lm/W nominal luminous efficacy.

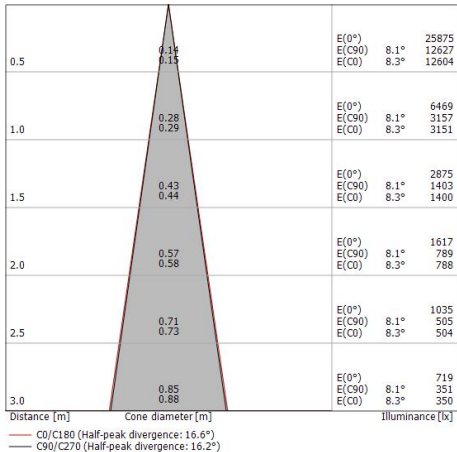
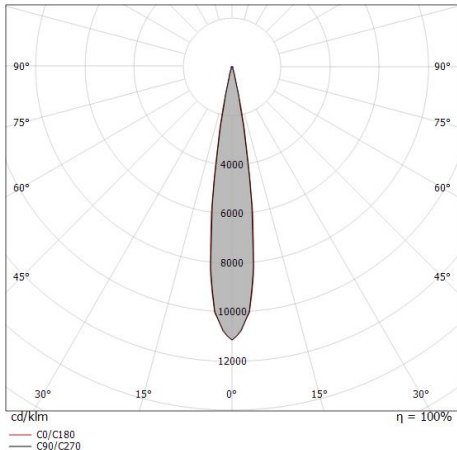
The device body is made of die-cast aluminium en ab - 46100 and features a text white ral9003 finish, processed by means of powder coating with thermosetting powders.

The ingress protection degree is IP20; the total weight is of 0.735 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 E.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	16 %
Lichtstrom (Lichtquelle)	3435 lm
Leuchten Lichtstrom	582 lm
Consumption	26 W
Leuchten Lichtausbeute	22 lm/W
Farbtemperatur	2700 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)

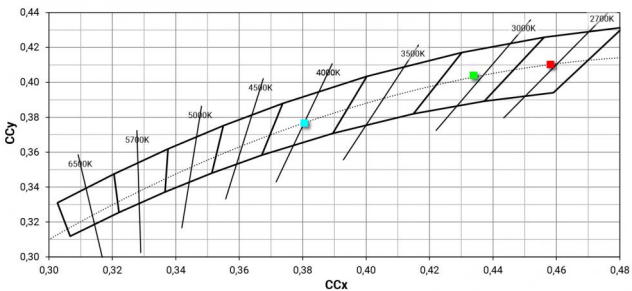
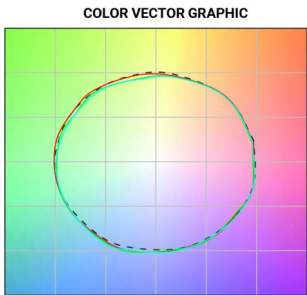
L90 B10 C0 70385h (at Tj 65 Ta 25)

UGR

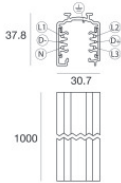
UGR axial	14.2
UGR transversal	14.6
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	16°
Light distribution simmetry	Symmetrical

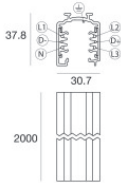


Pound_Focus | Projectors | Accessories
82438M85



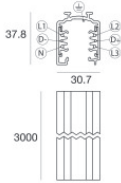
Schiene
Länge: 1000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

Code
83336



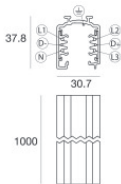
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Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

Code
83337



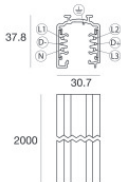
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Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

Code
83338



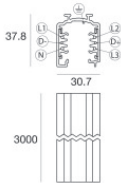
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Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
83339



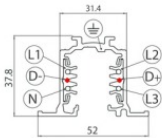
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Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
83340



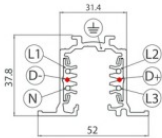
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Länge: 3000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
83341



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

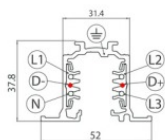
Code
80990



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

Code
80991

Pound_Focus | Projectors | Accessories
82438M85



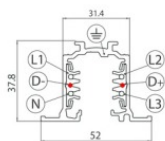
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Code

80992



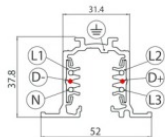
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Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code

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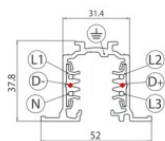
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Code

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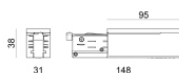
Schiene

Länge: 3000mm; Typ Schiene: Standard.

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

Code

80995



Stromversorgung

Material:PC, farbe:Weiß.

Code

81033

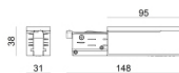


Stromversorgung

Material:PC, farbe:Black.

Code

81034

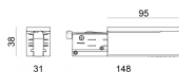


Stromversorgung

Material:PC, farbe:Weiß.

Code

81036



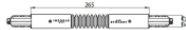
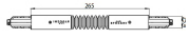
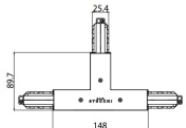
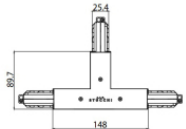
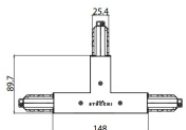
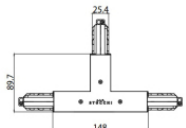
Stromversorgung

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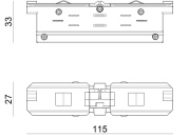
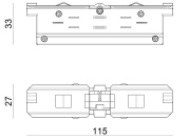
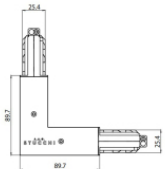
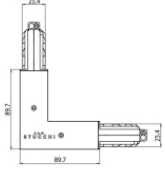
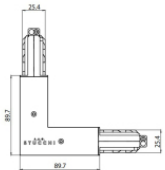
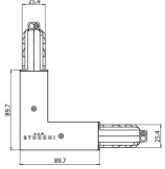
Code

81037

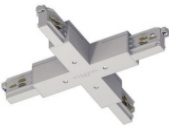
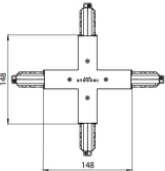
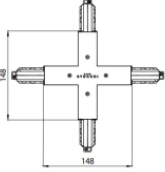
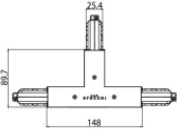
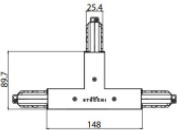
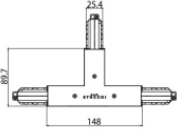
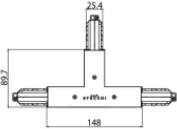
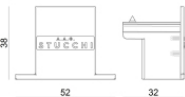
Pound_Focus | Projectors | Accessories
82438M85

		Kabelverbindung Typ linear. Material:PC, farbe:Weiß.	Code <u>81042</u>
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		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>
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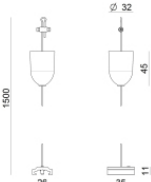
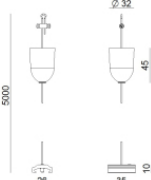
Pound_Focus | Projectors | Accessories
82438M85

		Endkappe Material:PC, farbe:Weiß.	Code <u>80999</u>
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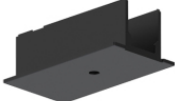
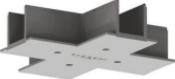
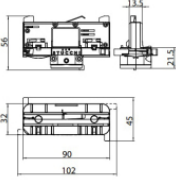
Pound_Focus | Projectors | Accessories
82438M85

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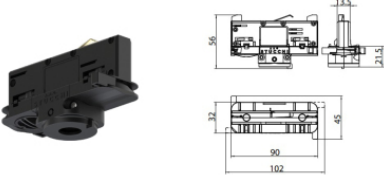
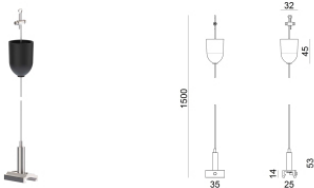
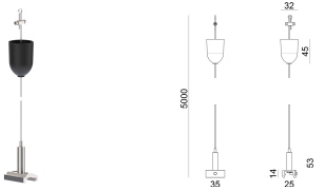
Pound_Focus | Projectors | Accessories
82438M85

	Deckenrosette - Weißes Aufhängungsset 1,5 m + Halterung (9000-KIT5-1,5-W) Einschließlich Driver: Nein. Material:Kunststoff, farbe:Weiß.	Code <u>81012</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 5 m + Halterung (9000-KIT5-5-W) Einschließlich Driver: Nein. Material:Kunststoff, farbe:Weiß.	Code <u>81013</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>
 	Klammer L=35mm, H=14mm, D=24mm. Material:Aluminium, farbe:Polished aluminium.	Code <u>81086</u>
 	Klammer L=35mm, H=14mm, D=24mm. Material:Aluminium, farbe:Weiß, bearbeitungstyp :Lackierung.	Code <u>81087</u>

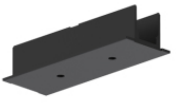
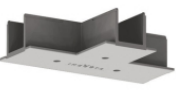
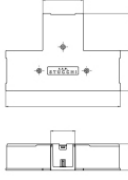
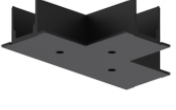
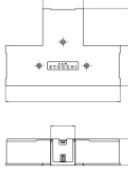
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82438M85

		Klammer L=35mm, H=14mm, D=24mm. Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.	Code 81088
		Drahtabdeckung Material:PC, farbe:Weiß.	Code 81069
		Drahtabdeckung Material:PC, farbe:Black.	Code 81070
		Drahtabdeckung Material:PC, farbe:Weiß.	Code 81075
		Drahtabdeckung Material:PC, farbe:Black.	Code 81076
		Drahtabdeckung Material:PC, farbe:Weiß.	Code 81081
		Drahtabdeckung Material:PC, farbe:Black.	Code 81082
			Code 81091

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		Code <u>81093</u>
	Werkzeug - Schneidezange S?9000/T Material:Gummi, farbe:Black.	Code <u>81005</u>
	Hängeleuchten Material:Kunststoff, farbe:Weiß.	Code <u>81006</u>
	Hängeleuchten Material:Kunststoff, farbe:Black.	Code <u>81008</u>
	Hängeleuchten Material:Kunststoff, farbe:Weiß.	Code <u>81007</u>
	Hängeleuchten Material:Kunststoff, farbe:Black.	Code <u>81009</u>
	Hängeleuchten Material:Kunststoff, farbe:Weiß.	Code <u>81018</u>
	Hängeleuchten Material:Kunststoff, farbe:Black.	Code <u>81019</u>

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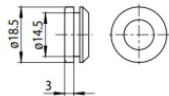
		Klammer L=180mm, H=24mm, D=26mm. Material:Aluminium, farbe:Anodised aluminium, bearbeitungstyp :Eloxierung.	Code <u>81024</u>
		Klammer L=180mm, H=24mm, D=20mm. Material:Aluminium, farbe:Weiß RAL 9010, bearbeitungstyp :Lackierung.	Code <u>81025</u>
		Klammer L=180mm, H=24mm, D=20mm. Material:Aluminium, farbe:Schwarz RAL 9005, bearbeitungstyp :Lackierung.	Code <u>81026</u>
		Drahtabdeckung Material:PC, farbe:Weiß.	Code <u>81072</u>
		Drahtabdeckung Material:PC, farbe:Black.	Code <u>81073</u>
		Drahtabdeckung Material:PC, farbe:Weiß.	Code <u>81078</u>
		Drahtabdeckung Material:PC, farbe:Black.	Code <u>81079</u>
		Drahtabdeckung Material:Weiß.	Code <u>83249</u>

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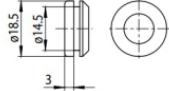
Drahtabdeckung
Material:Schwarz, farbe:Black.

Code
83250



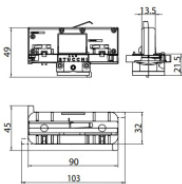
Endkappe
Material:Weiß.

Code
81084

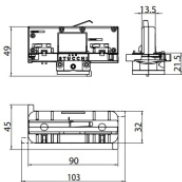


Endkappe
Material:Schwarz, farbe:Black.

Code
81085



Code
81094



Code
81095