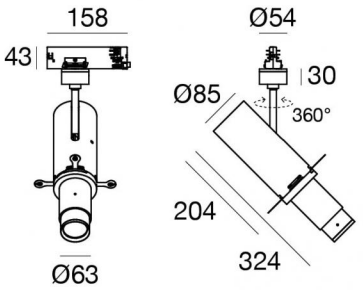
Scheinwerfer | 198-264 V
1 arrayLED 27 W DC - 30 W AC | CRI 98
83900M66









Technische Daten	
Typ	Schiene
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Shaper Long Distance
Light emission direction	frontal
Lampe Nennleistung	27 W DC
Gesamtleistung	30 W
Lichtstrom (Lichtquelle)	3658 lm
Nominale Eingangsspannung	220 - 240 V AC
Eingangsspannungsbereich	198 - 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 entflammbaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Driver
Leuchte dimmbar	Bluetooth
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	1.6 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

Technology Partner
SILVAIR

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Scheinwerfer | 198-264 V | 1 arrayLED 27 W DC - 30 W AC | CRI 98
83900M66

Single emission projectors for indoor application. The super warm white LED light source with a shaper long distance light distribution is composed of 1 arrayled LEDs with CCT of 2700 K and a CRI 98; the source luminous flux is 3658 lm, with a 135.5 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 1.6 kg.

The total absorbed power is 30 W

The device features protection class II and can be ceiling-mounted.

Compliant with the EN 60598-1 standard and its specific provisions.

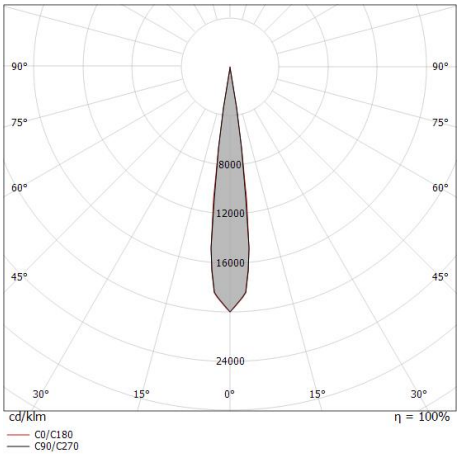
Energieeffizienzklasse
Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

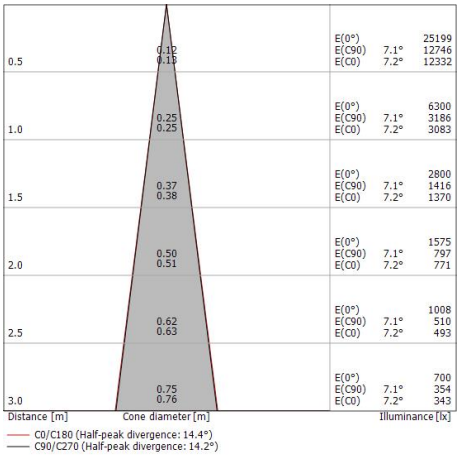
Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	8 %
Lichtstrom (Lichtquelle)	3658 lm
Leuchten Lichtstrom	315 lm
Consumption	30 W
Leuchten Lichtausbeute	10 lm/W
Farbtemperatur	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	98 Ra
Black Body Locus	On
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	45°C

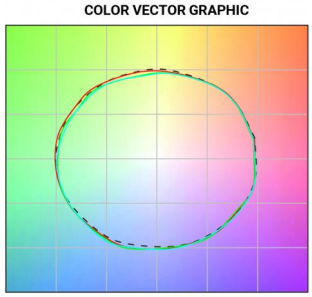
LED Life / Failure Ratio
L70 B10 C0 235315h (at Tj 65 Ta 25)
L80 B10 C0 147343h (at Tj 65 Ta 25)
L90 B10 C0 69745h (at Tj 65 Ta 25)

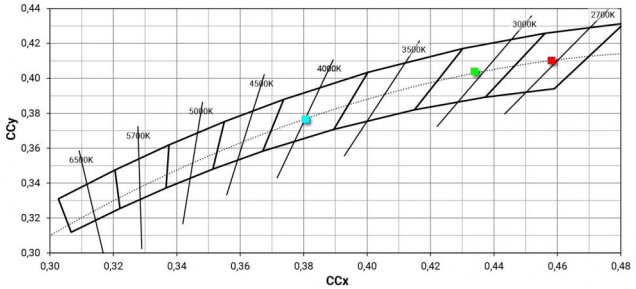
UGR	
UGR axial	-5.8
UGR transversal	-5.8
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C0/C180	14°
Light distribution simmetry	Symmetrical







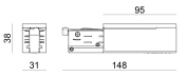


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Pound Shaper_distance | Projectors | Accessories

83900M66





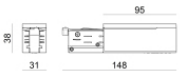
Stromversorgung

Material:PC, farbe:Weiß.

Code

81033





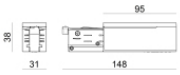
Stromversorgung

Material:PC, farbe:Weiß.

Code

81036





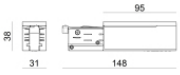
Stromversorgung

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



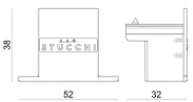
Endkappe

Material:PC, farbe:Weiß.

Code

81002





Endkappe

Material:PC, farbe:Black.

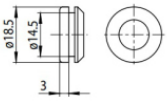
Code

81003

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Pound Shaper_distance | Projectors | Accessories
83900M66

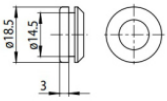




Endkappe
Material:Weiß.

Code
81084





Endkappe
Material:Schwarz, farbe:Black.

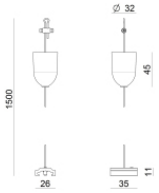
Code
81085



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

Code
81012

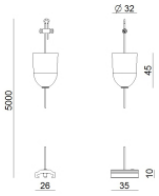




Deckenrosette - Schwarzes Aufhängungsset 1,5 m + Halterung (9000-KIT5-1,5-B)
Einschließlich Driver: Nein.
Material:Kunststoff, farbe:Black.

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





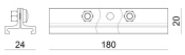
Klammer
L=180mm, H=24mm, D=26mm.
Material:Aluminium, farbe:Anodised aluminium, bearbeitungstyp :Eloxierung.

Code
81024

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Pound Shaper_distance | Projectors | Accessories
83900M66

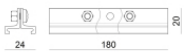




Klammer
L=180mm, H=24mm, D=20mm.
Material:Aluminium, farbe:Weiß RAL 9010, bearbeitungstyp :Lackierung.

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

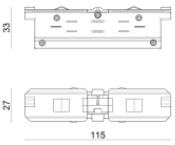




Klammer
L=35mm, H=14mm, D=24mm.
Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
81088

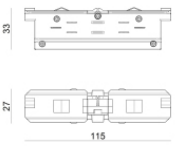




Kabelverbindung
Typ linear.
Material:PC, farbe:Weiß.

Code
81039





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

Code
81040

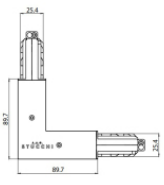




Kabelverbindung
Typ linear.
Material:PC, farbe:Weiß.

Code
81042



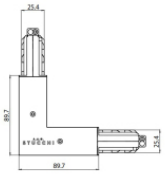


Kabelverbindung
Typ linear.
Material:PC, farbe:Weiß.

Code
81045

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Pound Shaper_distance | Projectors | Accessories
83900M66

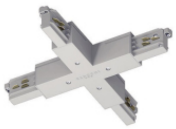
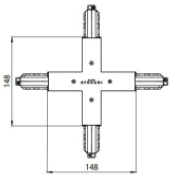
Kabelverbindung
Typ linear.
Material:PC, farbe:Weiß.

Code
81048



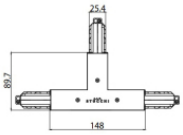

Kabelverbindung
Typ flexible curve.
Material:PC, farbe:Weiß.

Code
81066

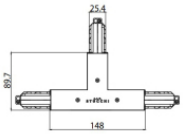
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Typ linear.
Material:PC, farbe:Weiß.

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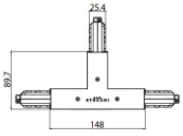
Kabelverbindung
Typ linear.
Material:PC, farbe:Weiß.

Code
81051

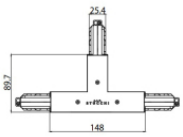
Kabelverbindung
Typ linear.
Material:PC, farbe:Weiß.

Code
81054

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

Code
81057

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

Code
81060




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

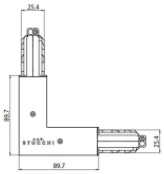
Code
81043

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Pound Shaper_distance | Projectors | Accessories

83900M66

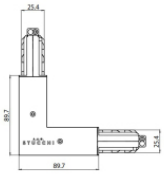




Kabelverbindung
Typ linear.
Material:PC, farbe:Black.

Code
81046





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

Code
81049

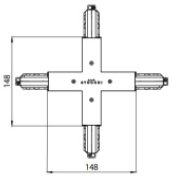




Kabelverbindung
Typ flexible curve.
Material:PC, farbe:Black.

Code
81067

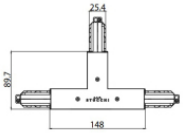




Kabelverbindung
Typ linear.
Material:PC, farbe:Black.

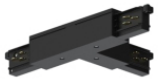
Code
81064

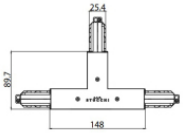




Kabelverbindung
Typ linear.
Material:PC, farbe:Black.

Code
81052

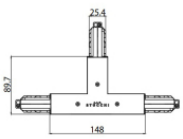




Kabelverbindung
Typ linear.
Material:PC, farbe:Black.

Code
81055

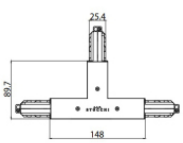




Kabelverbindung
Typ linear.
Material:PC, farbe:Black.

Code
81058





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

Code
81061

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Pound Shaper_distance | Projectors | Accessories

83900M66



Hängeleuchten

Material:Kunststoff, farbe:Weiß.

Code

81006



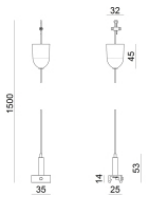
Hängeleuchten

Material:Kunststoff, farbe:Weiß.

Code

81007





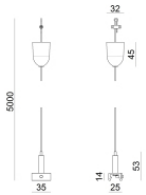
Hängeleuchten

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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Pound Shaper_distance | Projectors | Accessories

83900M66



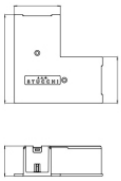

Drahtabdeckung
Material:PC, farbe:Weiß.

Code
81069



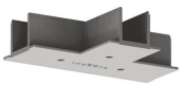
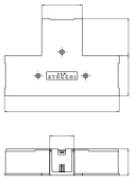

Drahtabdeckung
Material:PC, farbe:Weiß.

Code
81072

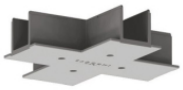
Drahtabdeckung
Material:PC, farbe:Weiß.

Code
81075

Drahtabdeckung
Material:PC, farbe:Weiß.

Code
81078




Drahtabdeckung
Material:PC, farbe:Weiß.

Code
81081



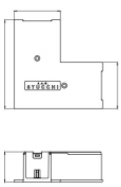

Drahtabdeckung
Material:PC, farbe:Black.

Code
81070




Drahtabdeckung
Material:PC, farbe:Black.

Code
81073

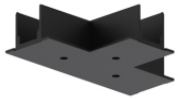
Drahtabdeckung
Material:PC, farbe:Black.

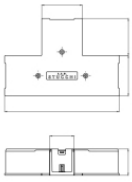
Code
81076

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Pound Shaper_distance | Projectors | Accessories

83900M66





Drahtabdeckung

Material:PC, farbe:Black.

Code

81079





Drahtabdeckung

Material:PC, farbe:Black.

Code

81082

Drahtabdeckung

Material:Weiß.

Code

83249



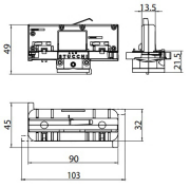
Drahtabdeckung

Material:Schwarz, farbe:Black.

Code

83250

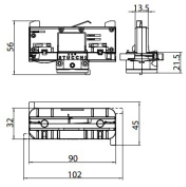




Code

81094

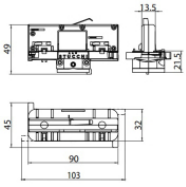




Code

81091

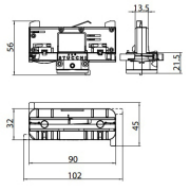




Code

81095





Code

81093

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Pound Shaper_distance | Projectors | Accessories

83900M66



Werkzeug - Schneidezange S?9000/T

Material:Gummi, farbe:Black.

Code

81005



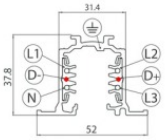
Werkzeug - Gobo Haltezubehör

Material:Aluminium, farbe:Black, bearbeitungstyp :Eloxierung.

Code

99853





Schiene

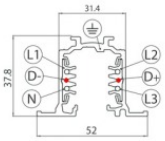
Länge: 1000mm; Typ Schiene: Standard.

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

Code

80990





Schiene

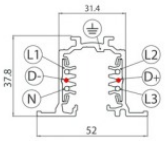
Länge: 2000mm; Typ Schiene: Standard.

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

Code

80991





Schiene

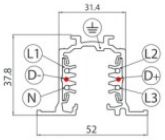
Länge: 3000mm; Typ Schiene: Standard.

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

Code

80992





Schiene

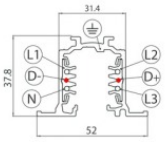
Länge: 1000mm; Typ Schiene: Standard.

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

Code

80993





Schiene

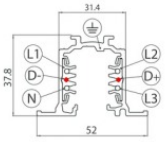
Länge: 2000mm; Typ Schiene: Standard.

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

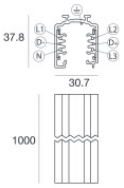
80995

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Pound Shaper_distance | Projectors | Accessories

83900M66

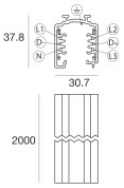




Schiene
Länge: 1000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

Code
83336

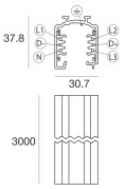




Schiene
Länge: 2000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

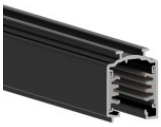
Code
83337

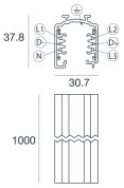




Schiene
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Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

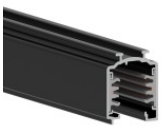
Code
83338

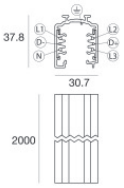




Schiene
Länge: 1000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

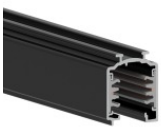
Code
83339

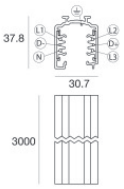




Schiene
Länge: 2000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
83340



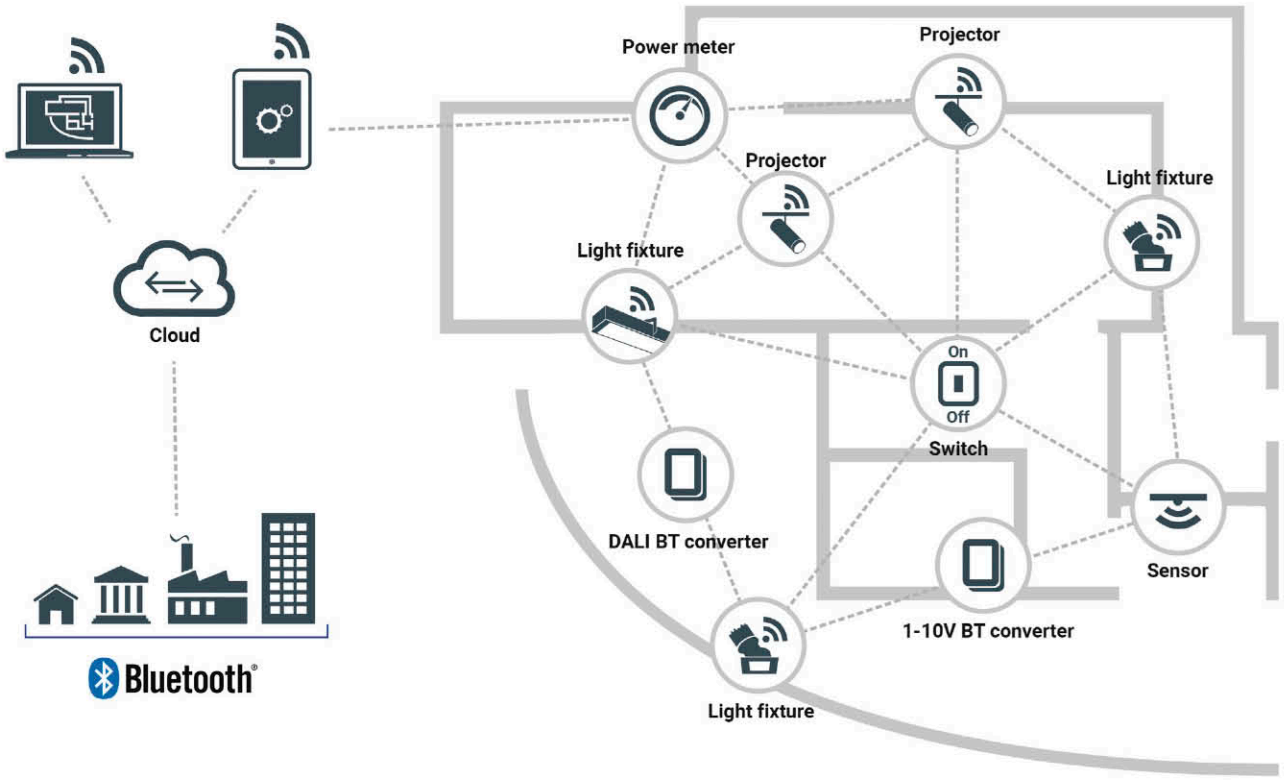


Schiene
Länge: 3000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
83341

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Schaltplan



Identifikation des Geräts

Beim ersten Einschalten des Geräts und bei jedem Reset führt das System einen Vorgang zum Identifizieren der Leuchte durch. Der Identifikationsvorgang besteht aus einer als „Attention event" definierten Animation mit 40% Helligkeit für 500 ms, 100% Helligkeit für 500 ms. Auch die blaue LED-Statusanzeige blinkt während des Identifikationsvorgangs mit 500 ms ON/500 ms OFF.

Wiederherstellung der Werkeinstellungen des Bluetooth-Geräts

Wenn das Gerät auf die Werkeinstellungen zurückgesetzt wird, wechselt der Status des Moduls im Mesh-Netz von verbunden auf nicht verbunden, das heißt, alle Netzeinstellungen gehen verloren. Diese Funktion ist notwendig, um die Verbindung eines Geräts nach einem unvorhergesehenen Verhalten, bei dem man die Kontrolle des Geräts verliert, wiederherzustellen.
Um das Bluetooth-Gerät wieder auf die Werkeinstellungen zurückzusetzen, reicht es aus, einen Magneten in Kontakt mit dem auf dem Gehäuse des Bluetooth-Moduls angezeigten Symbol zu bringen. Lassen Sie den Magneten für 5 Sekunden auf der Kontaktfläche. Sobald die Werkeinstellungen wieder hergestellt sind, führt das System einen Identifikationsvorgang am Gerät durch.

Antenne

Die Antenne ist in den Artikel eingebaut.

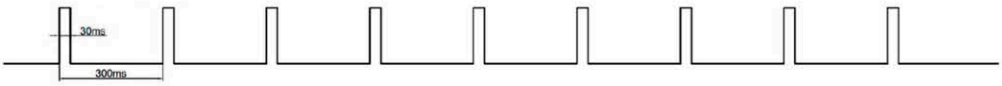
Blinken der LED

Die blaue LED-Statusanzeige auf dem Gehäuse, das die Bluetooth-Schnittstelle enthält, blinkt je nach dem Status, in dem die Leuchte sich befindet, anders.

Schnelles Blinken / langsames Blinken

Die LED blinkt schnell, wenn die Leuchte nicht mit dem Netz verbunden ist (alle 300 ms). Die LED blinkt langsam, wenn die Leuchte mit dem Netz verbunden ist (alle 2 s).

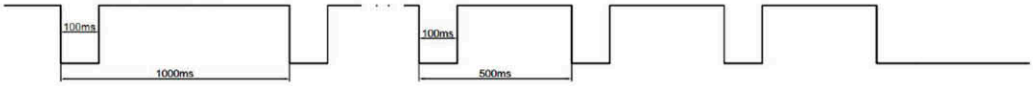
Leuchte nicht verbunden



Leuchte verbunden



Blinken während des Zurücksetzens auf die Werkeinstellungen (Reset)



Empfang eines Mesh-Pakets

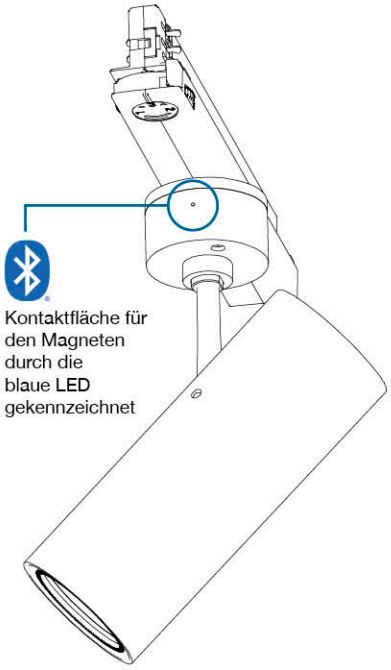


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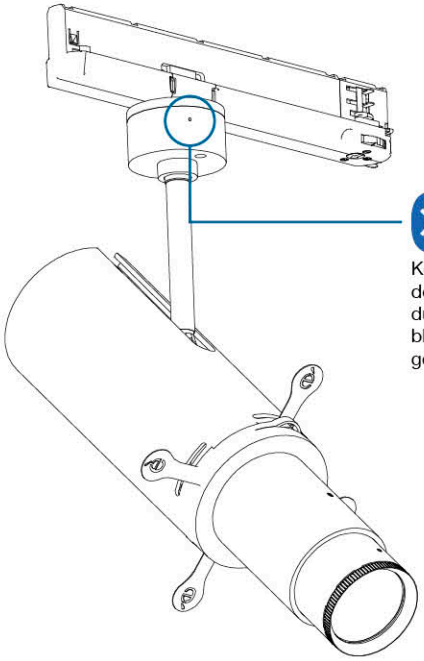
Sonstige Informationen

- Die Wireless-Leistung kann, besonders von den Metallflächen, beeinträchtigt werden. In diesen Situationen muss die Wireless-Leistung geprüft werden.
- Wenn das Gerät mit keinem Netz verbunden ist, dauert es ungefähr 30 Sekunden nach dem Einschalten, bis es als verfügbares Gerät angezeigt wird.
- Das Gerät hat das SILVAIR-Testverfahren bestanden
- Es unterstützt die Schalter EnOcean 83017
- Es unterstützt die Sensoren Murata 83016
- Das Gerät kann mit der SILVAR-Inbetriebnahme-App, die im App-Store des Smartphones oder Tablets erhältlich ist, in Betrieb gesetzt werden.
- Sehen Sie für mehr Informationen in die SILVAIR-Anleitung unter dem folgenden Link: **https://silvair.com/resources/product-documents/**
- Linea Light haftet für kein Inbetriebnahme-Instrument von Dritten und liefert weder eine ausdrückliche noch implizierte Erklärung zur Verfügbarkeit und/oder zu den Leistungen eines solchen Inbetriebnahme-Instruments.

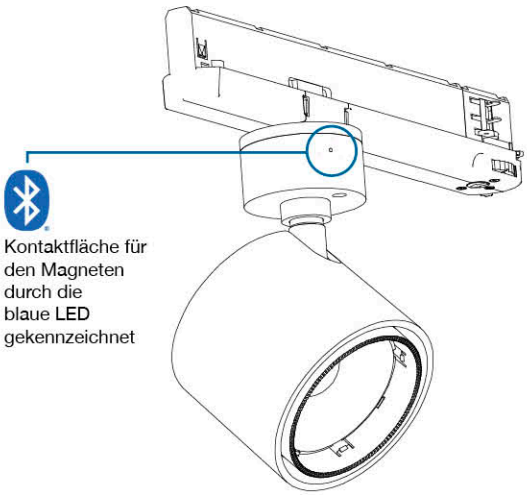
POUND_T
POUND FOCUS



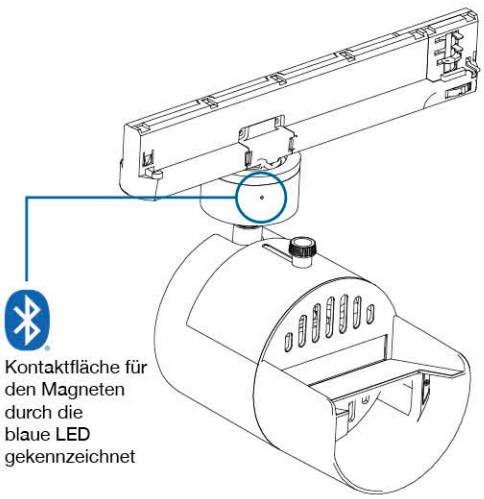
POUND SHAPER



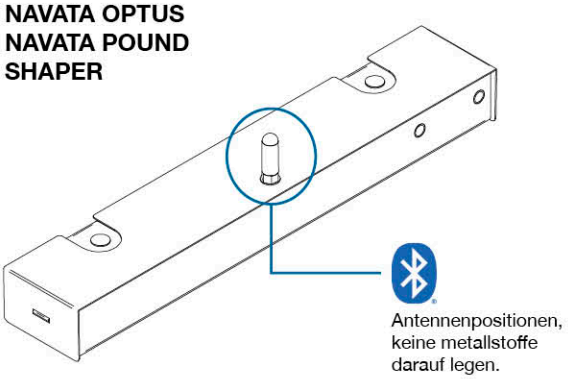
OPTUS_T



OPTUS_Ww



Base
NAVATA OPTUS
NAVATA POUND
SHAPER



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