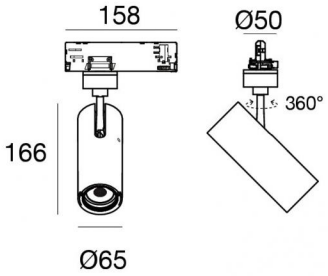
Scheinwerfer | 198-264 V
1 arrayLED 23 W DC - 26 W AC | CRI 90
83810N60





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 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	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

Technology Partner
SILVAIR

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Scheinwerfer | 198-264 V | 1 arrayLED 23 W DC - 26 W AC | CRI 90
83810N60

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.

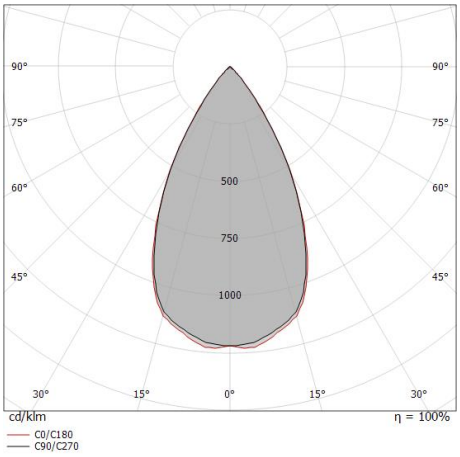
Energieeffizienzklasse
Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

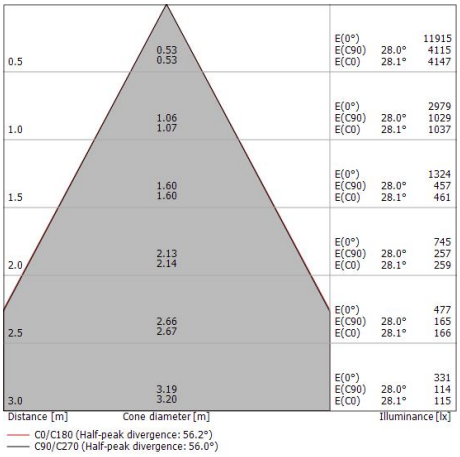
Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	64 %
Lichtstrom (Lichtquelle)	3802 lm
Leuchten Lichtstrom	2443 lm
Consumption	26 W
Leuchten Lichtausbeute	93 lm/W
Farbtemperatur	4000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	90 Ra
Colour Rendering Index	60 R9
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)

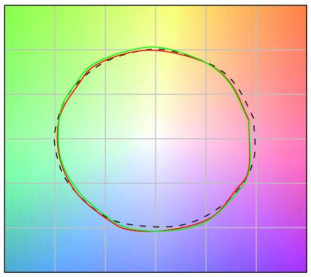
UGR	
UGR axial	23.6
UGR transversal	23.6
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

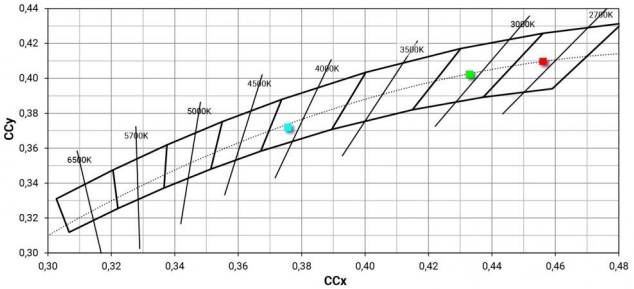
OPTICAL	
Optik C0/C180	56°
Light distribution simmetry	Symmetrical





COLOR VECTOR GRAPHIC





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Pound_T | Projectors | Accessories
83810N60



Optik
Lichtverteilung: spot,Material Verkleidung: uv beständiges polycarbonat

Code
99827



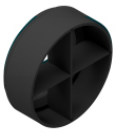
Optik
Lichtverteilung: medium flood,Material Verkleidung: uv beständiges polycarbonat

Code
99828



Optik
Lichtverteilung: flood,Material Verkleidung: uv beständiges polycarbonat

Code
99829



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

Code
99779



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

Code
99780



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

Code
99781



Blendschutz
Blendschutzart: schermo cilindrico 45°.
Material:Pom-C, farbe:Schwarz.

Code
99782

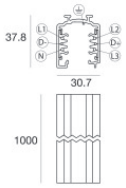


Blendschutz
Blendschutzart: schermo cilindrico.
Material:Pom-C, farbe:Schwarz.

Code
99783

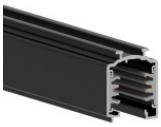
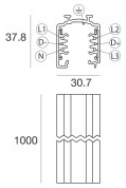
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Pound_T | Projectors | Accessories
83810N60

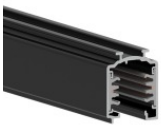
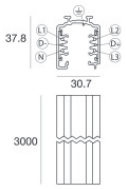
Schiene
Länge: 1000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

Code
83336

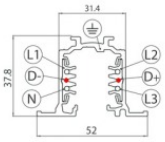
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Code
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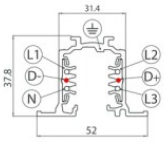
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Code
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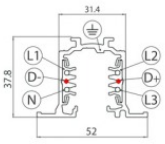
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Code
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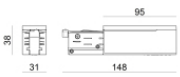
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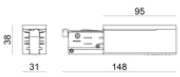
Schiene
Länge: 3000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

Code
80992

Stromversorgung
Material:PC, farbe:Weiß.

Code
81033

Stromversorgung
Material:PC, farbe:Black.

Code
81037

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Pound_T | Projectors | Accessories
83810N60



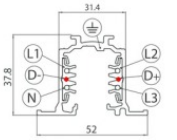

Kabelverbindung
Typ linear.
Material:PC, farbe:Weiß.

Code
81042



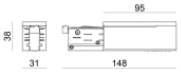

Kabelverbindung
Typ linear.
Material:PC, farbe:Black.

Code
81043

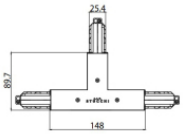
Schiene
Länge: 2000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
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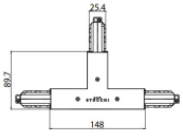
Stromversorgung
Material:PC, farbe:Weiß.

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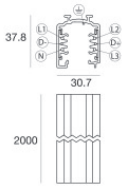
Kabelverbindung
Typ linear.
Material:PC, farbe:Weiß.

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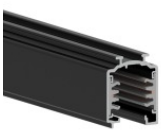
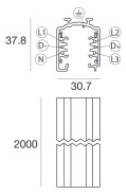
Kabelverbindung
Typ linear.
Material:PC, farbe:Black.

Code
81052

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

Code
83337

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

Code
83340

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Pound_T | Projectors | Accessories
83810N60



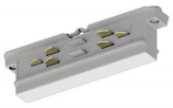
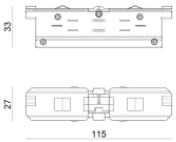

Kabelverbindung
Typ flexible curve.
Material:PC, farbe:Weiß.

Code
81066



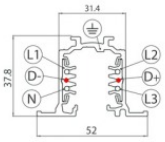
Endkappe
Material:PC, farbe:Weiß.

Code
80999

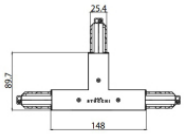
Kabelverbindung
Typ linear.
Material:PC, farbe:Weiß.

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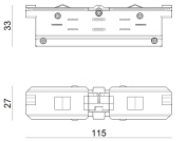
Schiene
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Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
80995

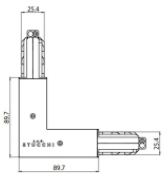
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Typ linear.
Material:PC, farbe:Weiß.

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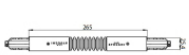
Kabelverbindung
Typ linear.
Material:PC, farbe:Black.

Code
81040

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

Code
81045

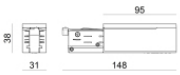



Kabelverbindung
Typ flexible curve.
Material:PC, farbe:Black.

Code
81067

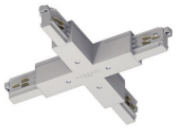
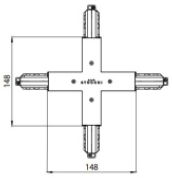
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Pound_T | Projectors | Accessories
83810N60

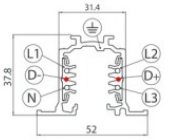
Stromversorgung
Material:PC, farbe:Black.

Code
81034

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

Code
81063

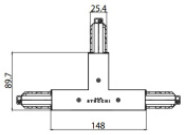
Schiene
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Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

Code
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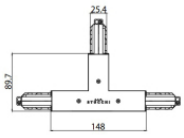
Endkappe
Material:PC, farbe:Black.

Code
81000

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

Code
81058

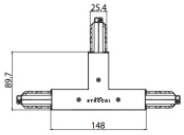
Kabelverbindung
Typ linear.
Material:PC, farbe:Black.

Code
81061



Endkappe
Material:PC, farbe:Weiß.

Code
81002

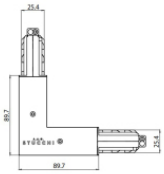



Kabelverbindung
Typ linear.
Material:PC, farbe:Weiß.

Code
81057

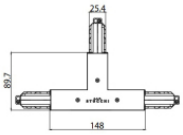
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83810N60

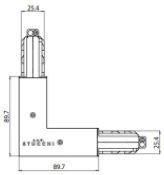
Kabelverbindung
Typ linear.
Material:PC, farbe:Black.

Code
81046

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

Code
81060

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

Code
81049



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

Code
81015



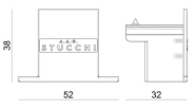
Hängeleuchten
Material:Kunststoff, farbe:Weiß.

Code
81021



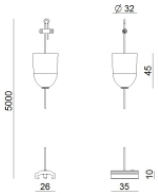
Hängeleuchten
Material:Kunststoff, farbe:Black.

Code
81022

Endkappe
Material:PC, farbe:Black.

Code
81003

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

Code
81013

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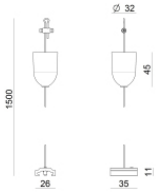
Pound_T | Projectors | Accessories
83810N60



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

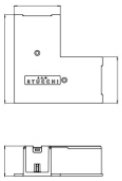




Klammer
L=35mm, H=14mm, D=24mm.
Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

Code
81088





Drahtabdeckung
Material:PC, farbe:Weiß.

Code
81075

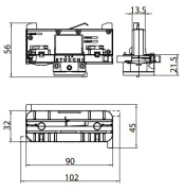




Drahtabdeckung
Material:PC, farbe:Black.

Code
81082

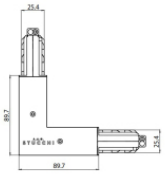




Code
81091

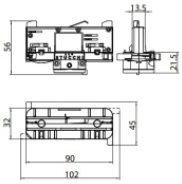
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Kabelverbindung
Typ linear.
Material:PC, farbe:Weiß.

Code
81048

Code
81093



Hängeleuchten
Material:Kunststoff, farbe:Weiß.

Code
81006




Drahtabdeckung
Material:PC, farbe:Weiß.

Code
81069



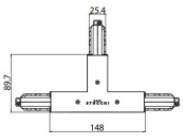
Hängeleuchten
Material:Kunststoff, farbe:Weiß.

Code
81007



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

Code
81005

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

Code
81055

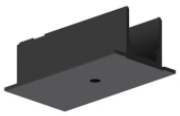


Hängeleuchten
Material:Kunststoff, farbe:Weiß.

Code
81018

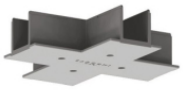
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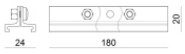

Drahtabdeckung
Material:PC, farbe:Black.

Code
81070




Drahtabdeckung
Material:PC, farbe:Weiß.

Code
81081

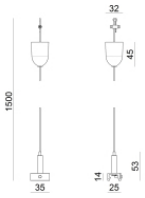
Klammer
L=180mm, H=24mm, D=20mm.
Material:Aluminium, farbe:Schwarz RAL 9005, bearbeitungstyp :Lackierung.

Code
81026



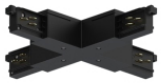
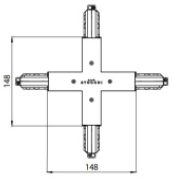

Drahtabdeckung
Material:PC, farbe:Weiß.

Code
81072

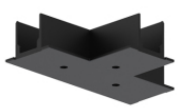
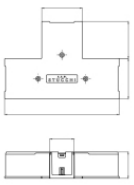
Hängeleuchten
Material:Kunststoff, farbe:Black.

Code
81008

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

Code
81064

Drahtabdeckung
Material:PC, farbe:Black.

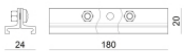
Code
81079

Drahtabdeckung
Material:Weiß.

Code
83249

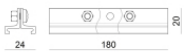
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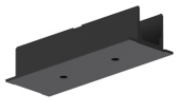
Klammer
L=180mm, H=24mm, D=26mm.
Material:Aluminium, farbe:Anodised aluminium, bearbeitungstyp :Eloxierung.

Code
81024

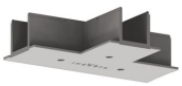
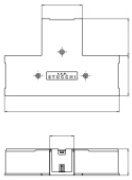
Klammer
L=180mm, H=24mm, D=20mm.
Material:Aluminium, farbe:Weiß RAL 9010, bearbeitungstyp :Lackierung.

Code
81025




Drahtabdeckung
Material:PC, farbe:Black.

Code
81073

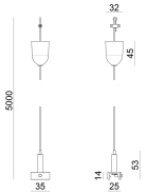
Drahtabdeckung
Material:PC, farbe:Weiß.

Code
81078



Hängeleuchten
Material:Kunststoff, farbe:Black.

Code
81019

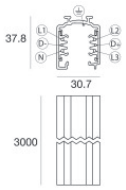
Hängeleuchten
Material:Kunststoff, farbe:Black.

Code
81009



Drahtabdeckung
Material:Schwarz, farbe:Black.

Code
83250

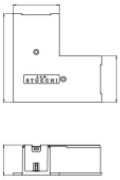
Schiene
Länge: 3000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

Code
83338

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Pound_T | Projectors | Accessories
83810N60

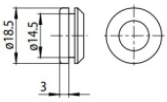




Drahtabdeckung
Material:PC, farbe:Black.

Code
81076

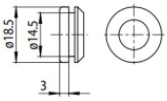




Endkappe
Material:Weiß.

Code
81084

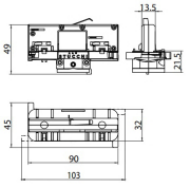




Endkappe
Material:Schwarz, farbe:Black.

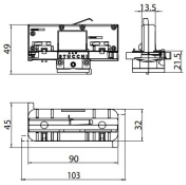
Code
81085





Code
81094

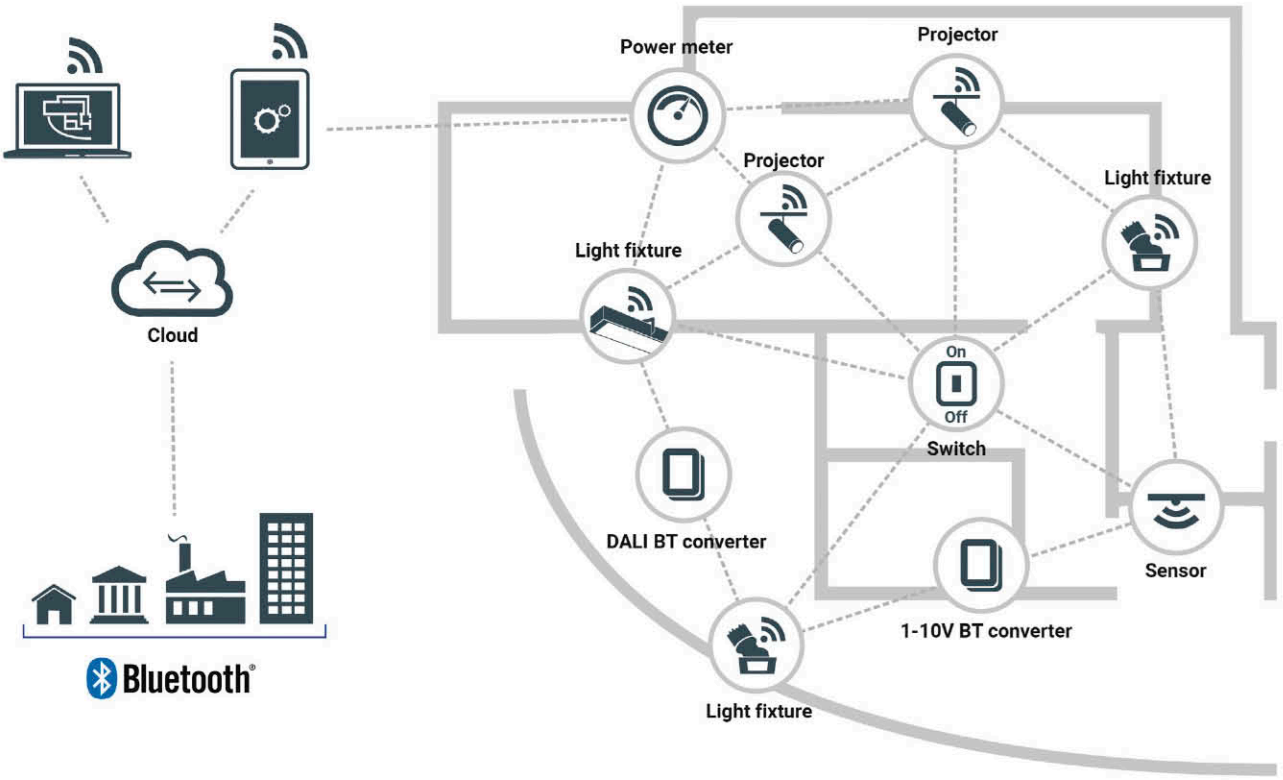




Code
81095

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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.

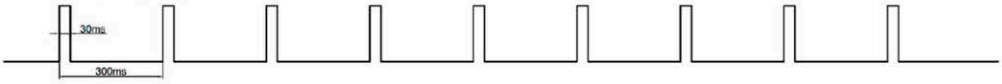
Blinken der LED

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

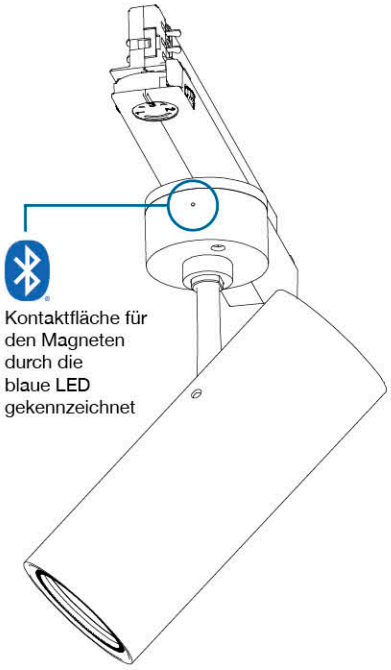


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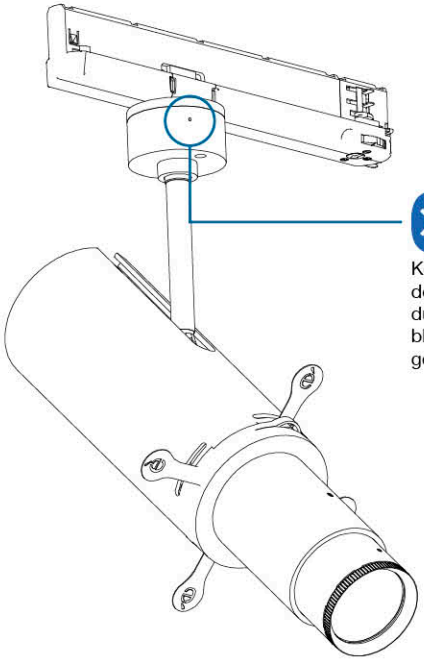
Sonstige Informationen

- 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.

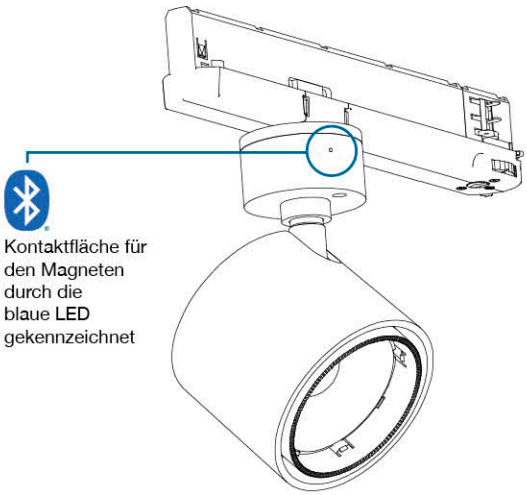
POUND_T
POUND FOCUS



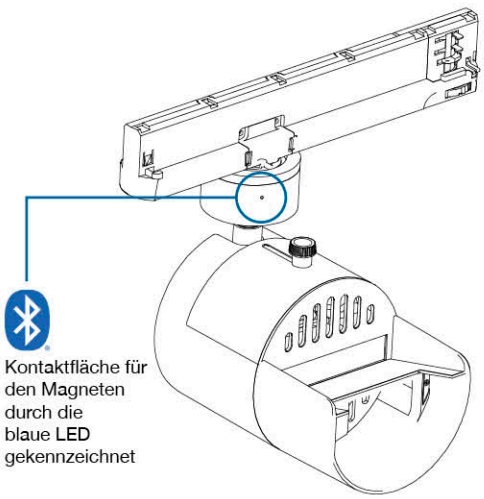
POUND SHAPER



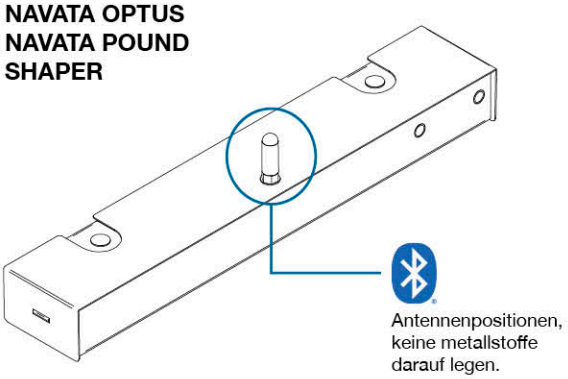
OPTUS_T



OPTUS_Ww



Base
NAVATA OPTUS
NAVATA POUND
SHAPER



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