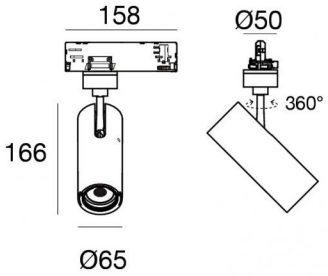
Scheinwerfer | 198-264 V
1 arrayLED 23 W DC - 26 W AC | CRI 98
**83807N15**








| Technische Daten | |
|---|---|
| Typ | Schiene |
| Installationsposition | Decke |
| Installationsumgebung | Indoor |
| Lichtquelle | LED |
| Circuit structure | arrayLED |
| Optik | Spot |
| Light emission direction | frontal |
| Lampe Nennleistung | 23 W DC |
| Gesamtleistung | 26 W |
| Lichtstrom (Lichtquelle) | 3608 lm |
| Nominale Eingangsspannung | 220 - 240 V AC |
| Eingangsspannungsbereich | 198 - 264 V AC |
| Frequency | 50 - 60 Hz |
| Ähnlichste Farbtemperatur / Tone | 4000 K |
| Farbwiedergabeindex | 98 Ra |
| Gleichstrom/Gleichspannung | AC |
| Isolierklasse | 2 |
| IP | IP20 |
| Glühdrahtprüfung | 850° |
| Direkte Montage auf normal entflammbaren Oberflächen | Ja |
| CE | Ja |
| Einschließlich Driver | Driver |
| Leuchte dimmbar | 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 white RAL9003 |
| 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 98
**83807N15**

Single emission projectors for indoor application. The natural white LED light source with a spot light distribution is composed of 1 arrayled LEDs with CCT of 4000 K and a CRI 98; the source luminous flux is 3608 lm, with a 156.9 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 0.612 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.

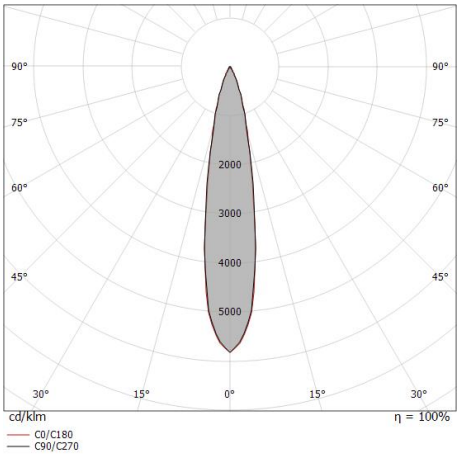
| **Energieeffizienzklasse** |
|---|
| Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D. |

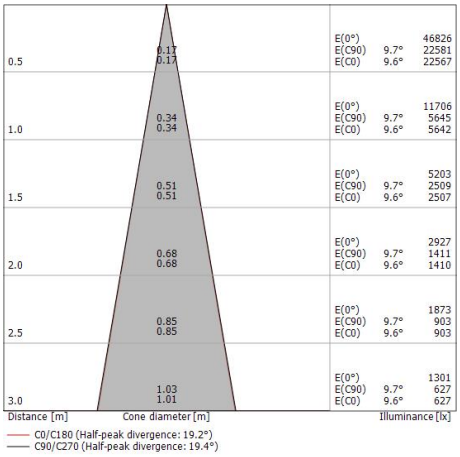
| **Illuminotechnical Eigenschaften** | |
|---|---|
| Light Output Ratio (LOR) | 59 % |
| Lichtstrom (Lichtquelle) | 3608 lm |
| Leuchten Lichtstrom | 2137 lm |
| Consumption | 26 W |
| Leuchten Lichtausbeute | 82 lm/W |
| Farbtemperatur | 4000 K |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Farbwiedergabeindex | 98 Ra |
| Black Body Locus | On |
| Standardumgebungstemperatur | -20 / +50°C |
| Typische Temperatur am Glas | 40°C |

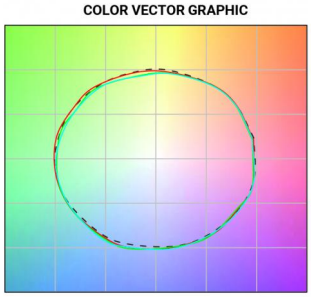
| **LED Life / Failure Ratio** |
|---|
| L70 B10 C0 237566h (at Tj 65 Ta 25 ) |
| L80 B10 C0 148737h (at Tj 65 Ta 25 ) |
| L90 B10 C0 70385h (at Tj 65 Ta 25 ) |

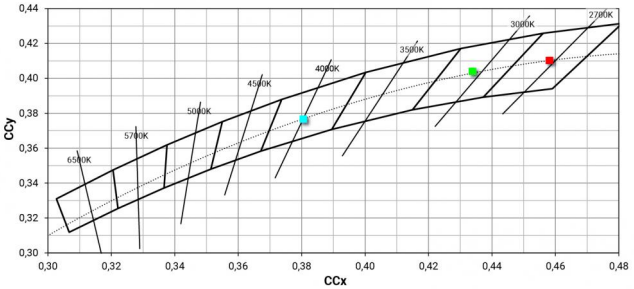
| **UGR** | |
|---|---|
| UGR axial | 15.6 |
| UGR transversal | 15.7 |
| X=4H \| Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

| **OPTICAL** | |
|---|---|
| Optik C0/C180 | 19° |
| Light distribution simmetry | Symmetrical |






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Pound_T | Projectors | Accessories
**83807N15**



Optik
Lichtverteilung: spot,Material Verkleidung: uv beständiges polycarbonat

**Code**
99827



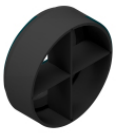
Optik
Lichtverteilung: medium flood,Material Verkleidung: uv beständiges polycarbonat

**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



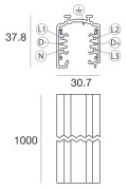
Blendschutz
Blendschutzart: schermo cilindrico.
Material:Pom-C, farbe:Schwarz.

**Code**
99783



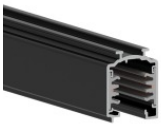
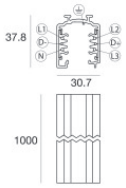
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Pound_T | Projectors | Accessories
**83807N15**

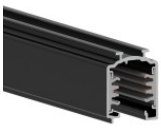
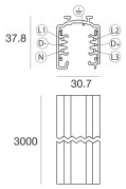

Schiene
Länge: 1000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

**Code**
83336

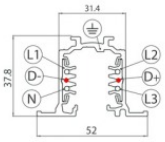

Schiene
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Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

**Code**
83339

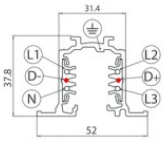

Schiene
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Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

**Code**
83341

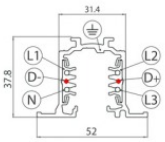

Schiene
Länge: 2000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

**Code**
80991

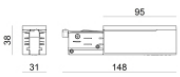

Schiene
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Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

**Code**
80993

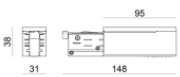

Schiene
Länge: 3000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

**Code**
80992


Stromversorgung
Material:PC, farbe:Weiß.

**Code**
81033


Stromversorgung
Material:PC, farbe:Black.

**Code**
81037



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Pound_T | Projectors | Accessories
**83807N15**



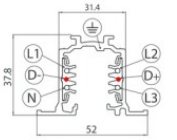

Kabelverbindung
Typ linear.
Material:PC, farbe:Weiß.

**Code**
81042



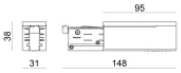

Kabelverbindung
Typ linear.
Material:PC, farbe:Black.

**Code**
81043

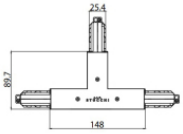

Schiene
Länge: 2000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

**Code**
80994

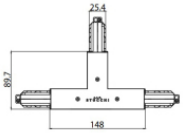

Stromversorgung
Material:PC, farbe:Weiß.

**Code**
81036

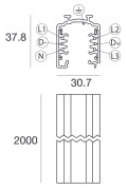

Kabelverbindung
Typ linear.
Material:PC, farbe:Weiß.

**Code**
81051

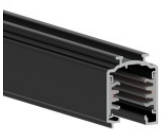
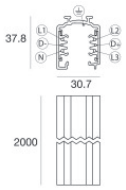

Kabelverbindung
Typ linear.
Material:PC, farbe:Black.

**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
**83807N15**



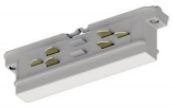
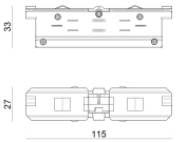

Kabelverbindung
Typ flexible curve.
Material:PC, farbe:Weiß.

**Code**
81066



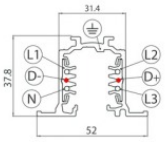
Endkappe
Material:PC, farbe:Weiß.

**Code**
80999

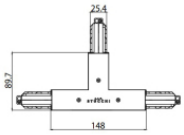
Kabelverbindung
Typ linear.
Material:PC, farbe:Weiß.

**Code**
81039

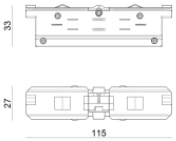
Schiene
Länge: 3000mm; Typ Schiene: Standard.
Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

**Code**
80995

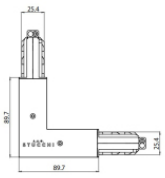
Kabelverbindung
Typ linear.
Material:PC, farbe:Weiß.

**Code**
81054

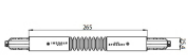
Kabelverbindung
Typ linear.
Material:PC, farbe:Black.

**Code**
81040

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

**Code**
81045

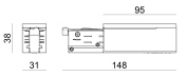



Kabelverbindung
Typ flexible curve.
Material:PC, farbe:Black.

**Code**
81067

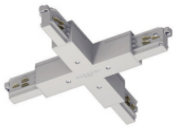
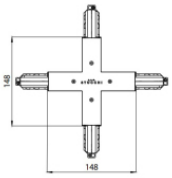

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Pound_T | Projectors | Accessories
**83807N15**

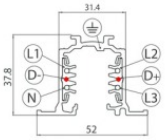

Stromversorgung
Material:PC, farbe:Black.

**Code**
81034


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

**Code**
81063

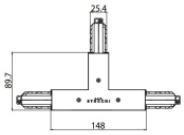

Schiene
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Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

**Code**
80990



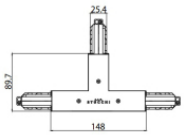
Endkappe
Material:PC, farbe:Black.

**Code**
81000


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

**Code**
81058

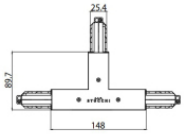

Kabelverbindung
Typ linear.
Material:PC, farbe:Black.

**Code**
81061




Endkappe
Material:PC, farbe:Weiß.

**Code**
81002

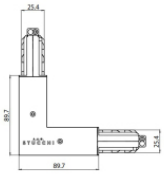

Kabelverbindung
Typ linear.
Material:PC, farbe:Weiß.

**Code**
81057



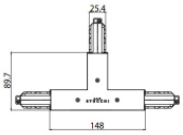
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**83807N15**

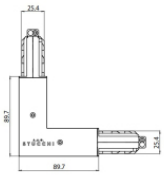
Kabelverbindung
Typ linear.
Material:PC, farbe:Black.

**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



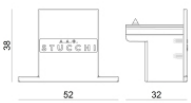
Hängeleuchten
Material:Kunststoff, farbe:Weiß.

**Code**
81021



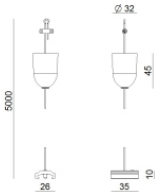
Hängeleuchten
Material:Kunststoff, farbe:Black.

**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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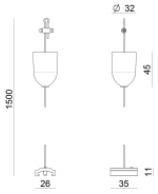
Pound_T | Projectors | Accessories
**83807N15**



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

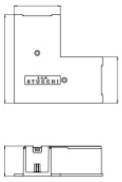





Klammer
L=35mm, H=14mm, D=24mm.
Material:Aluminium, farbe:Text black RAL9005, bearbeitungstyp :Lackierung.

**Code**
81088





Drahtabdeckung
Material:PC, farbe:Weiß.

**Code**
81075

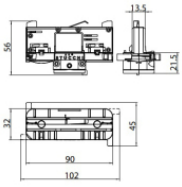




Drahtabdeckung
Material:PC, farbe:Black.

**Code**
81082



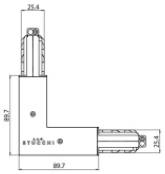



**Code**
81091



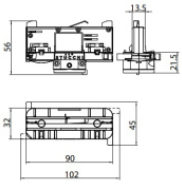
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Kabelverbindung
Typ linear.
Material:PC, farbe:Weiß.

**Code**
81048

**Code**
81093



Hängeleuchten
Material:Kunststoff, farbe:Weiß.

**Code**
81006




Drahtabdeckung
Material:PC, farbe:Weiß.

**Code**
81069



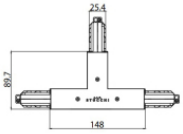
Hängeleuchten
Material:Kunststoff, farbe:Weiß.

**Code**
81007



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

**Code**
81005

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

**Code**
81055



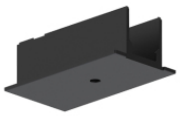
Hängeleuchten
Material:Kunststoff, farbe:Weiß.

**Code**
81018



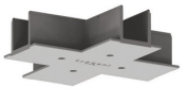
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Pound_T | Projectors | Accessories
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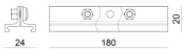

Drahtabdeckung
Material:PC, farbe:Black.

**Code**
81070




Drahtabdeckung
Material:PC, farbe:Weiß.

**Code**
81081

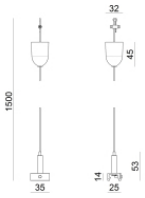

Klammer
L=180mm, H=24mm, D=20mm.
Material:Aluminium, farbe:Schwarz RAL 9005, bearbeitungstyp :Lackierung.

**Code**
81026



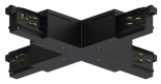
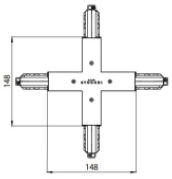

Drahtabdeckung
Material:PC, farbe:Weiß.

**Code**
81072

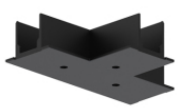
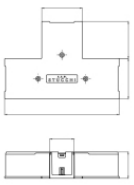

Hängeleuchten
Material:Kunststoff, farbe:Black.

**Code**
81008


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

**Code**
81064

Drahtabdeckung
Material:PC, farbe:Black.

**Code**
81079



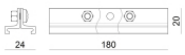
Drahtabdeckung
Material:Weiß.

**Code**
83249



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**83807N15**


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

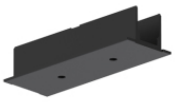
**Code**
81024





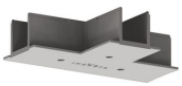
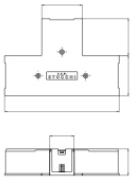
Klammer
L=180mm, H=24mm, D=20mm.
Material:Aluminium, farbe:Weiß RAL 9010, bearbeitungstyp :Lackierung.

**Code**
81025




Drahtabdeckung
Material:PC, farbe:Black.

**Code**
81073

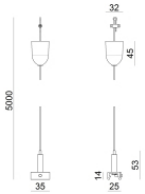
Drahtabdeckung
Material:PC, farbe:Weiß.

**Code**
81078



Hängeleuchten
Material:Kunststoff, farbe:Black.

**Code**
81019

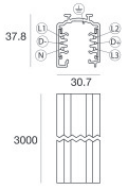

Hängeleuchten
Material:Kunststoff, farbe:Black.

**Code**
81009



Drahtabdeckung
Material:Schwarz, farbe:Black.

**Code**
83250


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

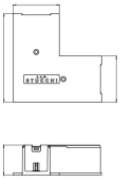
**Code**
83338



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Pound_T | Projectors | Accessories
**83807N15**

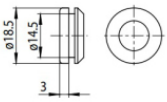




Drahtabdeckung
Material:PC, farbe:Black.

**Code**
81076

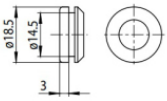





Endkappe
Material:Weiß.

**Code**
81084

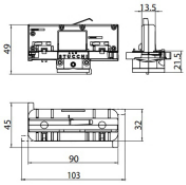





Endkappe
Material:Schwarz, farbe:Black.

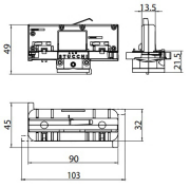
**Code**
81085






**Code**
81094



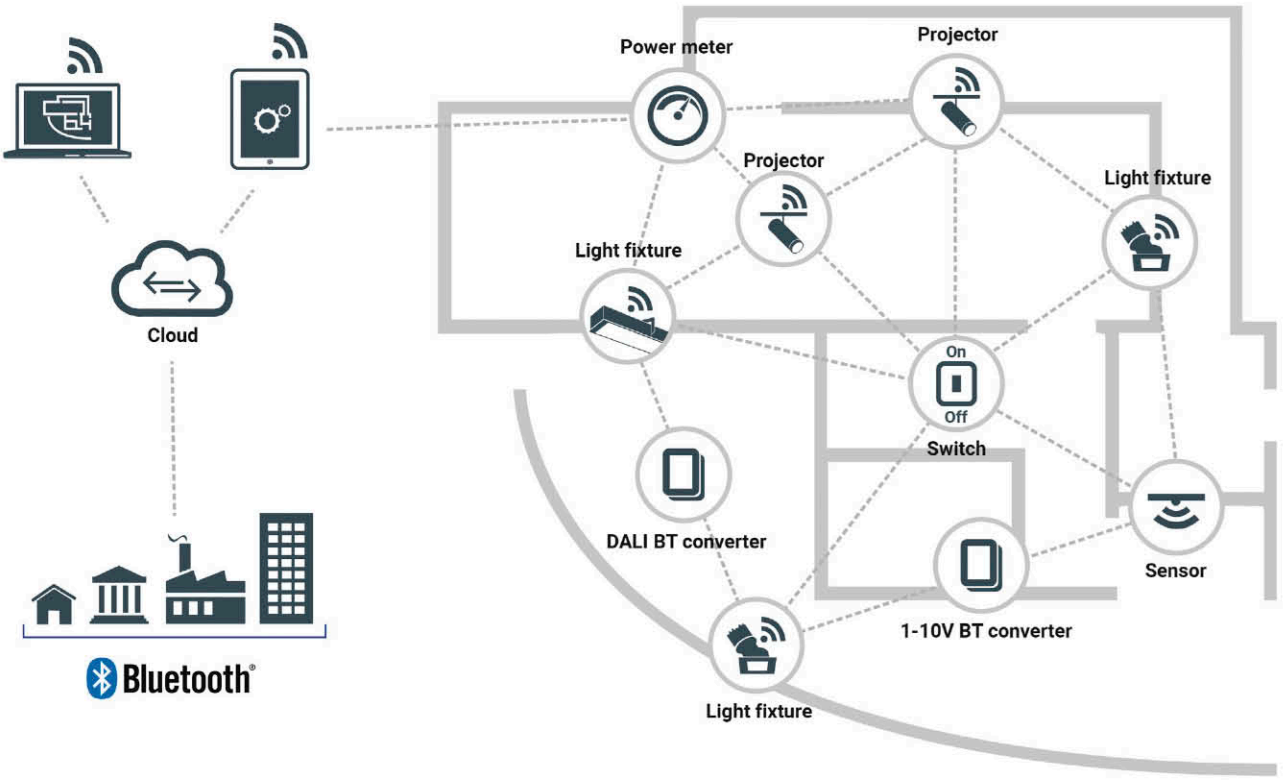



**Code**
81095



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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.

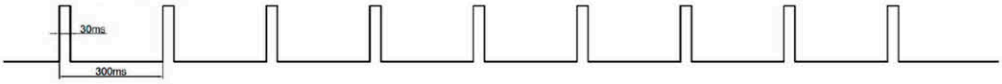
### Blinken der LED

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



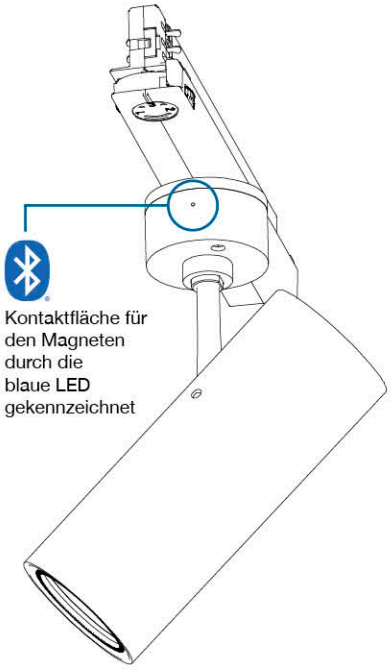



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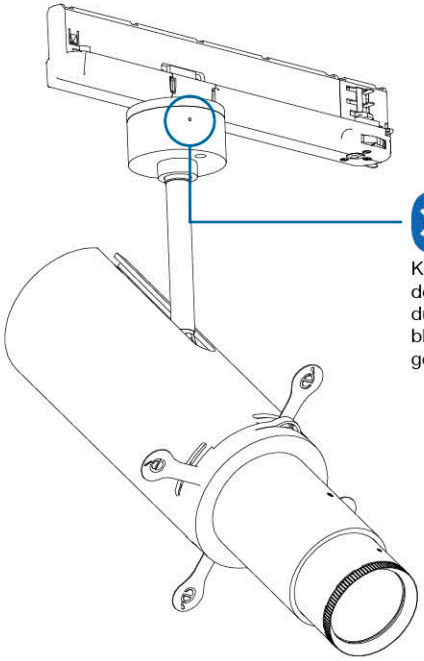
## Sonstige Informationen

- 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.

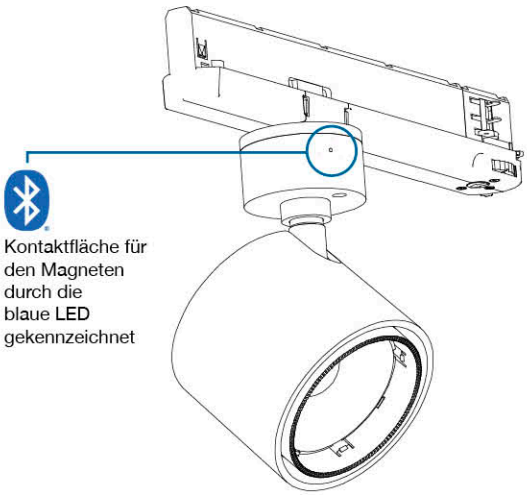
**POUND_T**
**POUND FOCUS**



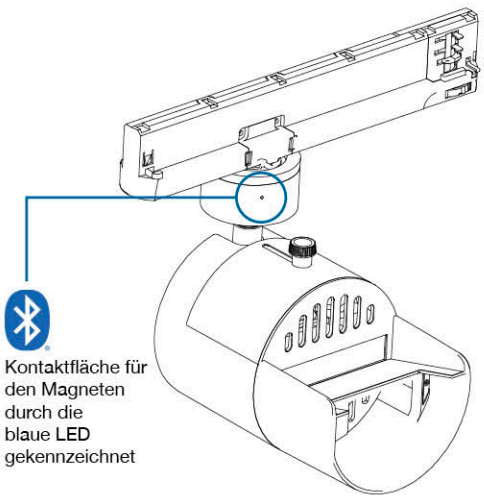

**POUND SHAPER**



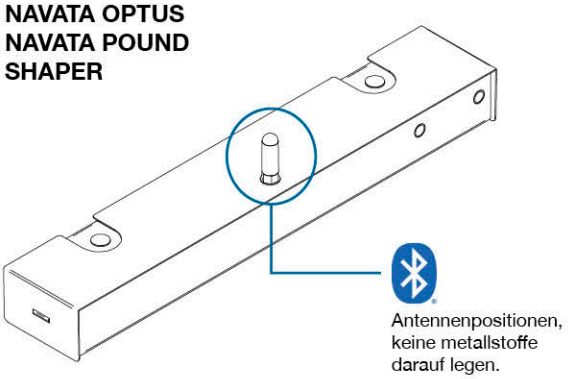

**OPTUS_T**



**OPTUS_Ww**




Base
**NAVATA OPTUS**
**NAVATA POUND**
**SHAPER**






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