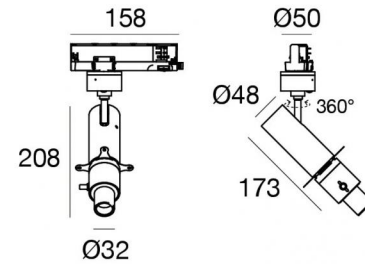


Pound Shaper_medium



Projectors | 176-264 V AC /176-280 V DC
1 arrayLED 11 W DC - 13 W AC | CRI 98
76666M66



Technical data	
Type	Track
Installation position	Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	arrayLED
Optics	Shaper Medium Distance
Light emission direction	frontal
Nominal power	11 W DC
Total Power	13 W
Source lumens	1338 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	176 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	2700 K
Colour rendering index	98 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP20
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	Bluetooth
Directional	Swivelling
total angle (vertical plane)	90 °
total angle (horizontal plane)	360 °
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	0.53 Kg
Electrostatic discharge protection	Yes
Surge protection	2 KV

Finishing casing	
Material	Die-cast Aluminium EN AB - 46100
Colour	Black
Processing	Powder coating

Technology Partner
SILVAIR

Pound Shaper_medium



Projectors | 176-264 V AC /176-280 V DC | 1 arrayLED 11 W DC - 13 W AC | CRI 98 | Base
76666M66

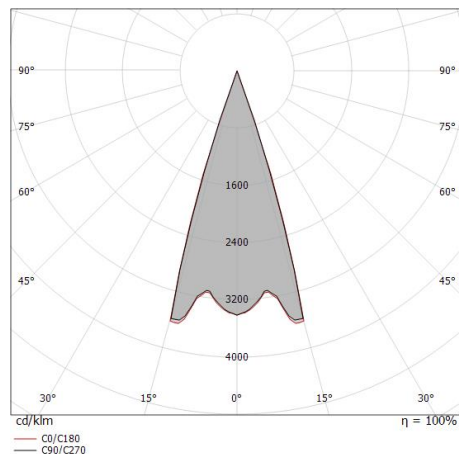
Single emission projectors for indoor application. The super warm white LED light source with a shaper medium distance light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 98; the source luminous flux is 1338 lm, with a 121.6 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of powder coating. The ingress protection degree is IP20; the total weight is of 0.53 kg.

The total absorbed power is 13 W.

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

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.32 0.32	E(0°) 1862 E(C90) 864 E(C0) 861
1.0	0.63 0.63	E(0°) 466 E(C90) 216 E(C0) 215
1.5	0.95 0.95	E(0°) 207 E(C90) 96 E(C0) 96
2.0	1.26 1.27	E(0°) 116 E(C90) 54 E(C0) 54
2.5	1.58 1.59	E(0°) 74 E(C90) 35 E(C0) 34
3.0	1.89 1.90	E(0°) 52 E(C90) 24 E(C0) 24

— C0/C180 (Half-peak divergence: 35.2°)
— C90/C270 (Half-peak divergence: 35.0°)

Energy efficiency class

This product contains a light source of energy efficiency class F.

Illuminotechnical Features

Light Output Ratio (LOR)	10 %
Source lumens	1338 lm
Delivered lumens	137 lm
Consumption	13 W
Luminaire efficacy	10 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	98 Ra
Black Body Locus	On
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	45°C

LED Life / Failure Ratio

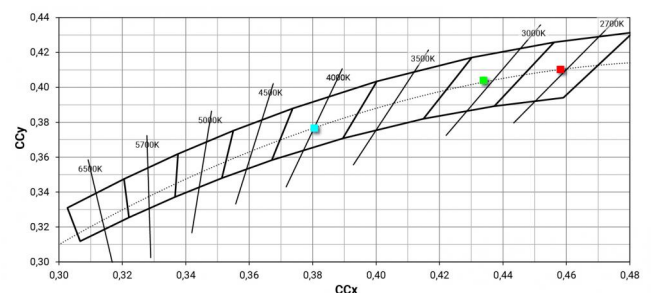
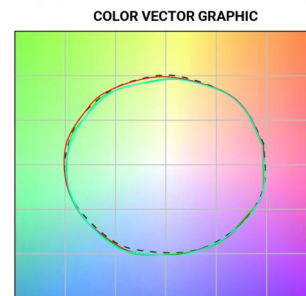
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

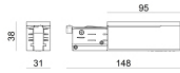
UGR axial	-8.7
UGR transversal	-8.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	35°
Light distribution simmetry	Symmetrical

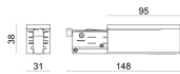


Pound Shaper_medium | Projectors | Accessories
76666M66



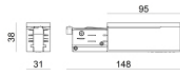
Power supply - White Right power supply header (9001/W)
 Material:PC, colour:white.

Code
81033



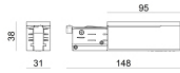
Power supply - White left power supply header (9002/W)
 Material:PC, colour:white.

Code
81036



Power supply - Black left power supply header (9002/B)
 Material:PC, colour:black.

Code
81037



Power supply - Black Right power supply header (9001/B)
 Material:PC, colour:black.

Code
81034



Closing cap - White end cap 9004/W
 Material:PC, colour:white.

Code
80999



Closing cap - Black end cap 9004/B
 Material:PC, colour:black.

Code
81000



Closing cap - Recessed white end cap 9004-R/W
 Material:PC, colour:white.

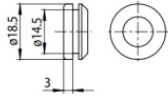
Code
81002



Closing cap - Recessed black end cap 9004-R/B
 Material:PC, colour:black.

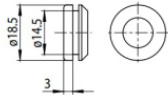
Code
81003

Pound Shaper_medium | Projectors | Accessories
7666M66



Closing cap - White gasket (S-9001/115-W)
Material:white.

Code
81084



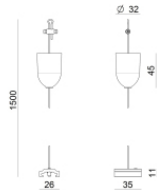
Closing cap - Black gasket (S-9001/115-B)
Material:black, colour:black.

Code
81085



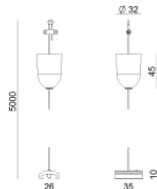
Ceiling rose - 1.5m white pendant luminaires kit + bracket (9000-KIT5-1,5-W)
Material:plastic, colour:white.

Code
81012



Ceiling rose - 1.5m black pendant luminaires kit + bracket ((9000-KIT5-1,5-B)
Material:plastic, colour:black.

Code
81014



Ceiling rose - 5m white pendant luminaires kit + bracket (9000-KIT5-5-W)
Material:plastic, colour:white.

Code
81013



Ceiling rose - 5m black pendant luminaires kit + bracket (9000-KIT5-5-B)
Material:plastic, colour:black.

Code
81015



Bracket - Anodized fixing bracket (S-9000/131)
L=35mm, H=14mm, D=24mm.
Material:Aluminium, colour:translucent.

Finish
Anod. Al. **Code**
81086



Bracket - Anodized stiffening bracket (S-9000/333)
L=180mm, H=24mm, D=26mm.

Material:Aluminium, colour:Anodised Aluminum, processing:Anodisation.

Finish
Code
81024

Pound Shaper_medium | Projectors | Accessories
76666M66



Bracket - White stiffening bracket (S-9000/333-W)
 L=180mm, H=24mm, D=20mm.

Material:Aluminium, colour:white RAL 9010, processing:Coating.

Finish	Code
White	81025



Bracket - Black stiffening bracket (S-9000/333-B)
 L=180mm, H=24mm, D=20mm.

Material:Aluminium, colour:black RAL 9005, processing:Coating.

Finish	Code
Black	81026



Bracket - White fixing bracket (S-9000/131-W)
 L=35mm, H=14mm, D=24mm.

Material:Aluminium, colour:white, processing:Coating.

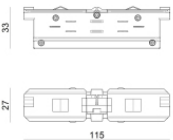
Finish	Code
White	81087



Bracket - Black fixing bracket (S-9000/131-B)
 L=35mm, H=14mm, D=24mm.

Material:Aluminium, colour:Black, processing:Coating.

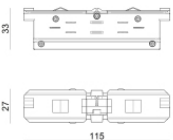
Finish	Code
Black	81088



Junction - White electrical junction - internal (9003/W)
 Type linear.

Material:PC, colour:white.

Finish	Code
White	81039



Junction - Black electrical junction - internal (9003/B)
 Type linear.

Material:PC, colour:black.

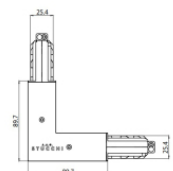
Finish	Code
Black	81040



Junction - White power supply junction - central (9010/W)
 Type linear.

Material:PC, colour:white.

Finish	Code
White	81042



Junction - White L junction - internal (9011/W)
 Type linear.

Material:PC, colour:white.

Finish	Code
White	81045

Pound Shaper_medium | Projectors | Accessories
76666M66

		<p>Junction - White L junction - external (9012/W) Type linear. Material:PC, colour:white.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>White</td> <td>81048</td> </tr> </tbody> </table>	Finish	Code	White	81048
Finish	Code						
White	81048						
		<p>Junction - Flexible white junction (9018/W) Type flexible curve. Material:PC, colour:white.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>White</td> <td>81066</td> </tr> </tbody> </table>	Finish	Code	White	81066
Finish	Code						
White	81066						
		<p>Junction - White X junction (9017/W) Type linear. Material:PC, colour:white.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>White</td> <td>81063</td> </tr> </tbody> </table>	Finish	Code	White	81063
Finish	Code						
White	81063						
		<p>Junction - Left white T junction - external (9013/W) Type linear. Material:PC, colour:white.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>White</td> <td>81051</td> </tr> </tbody> </table>	Finish	Code	White	81051
Finish	Code						
White	81051						
		<p>Junction - Right white T junction - external (9014/W) Type linear. Material:PC, colour:white.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>White</td> <td>81054</td> </tr> </tbody> </table>	Finish	Code	White	81054
Finish	Code						
White	81054						
		<p>Junction - Left white T junction - internal (9015/W) Type linear. Material:PC, colour:white.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>White</td> <td>81057</td> </tr> </tbody> </table>	Finish	Code	White	81057
Finish	Code						
White	81057						
		<p>Junction - Right White T junction - internal (9016/W) Type linear. Material:PC, colour:white.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>White</td> <td>81060</td> </tr> </tbody> </table>	Finish	Code	White	81060
Finish	Code						
White	81060						
		<p>Junction - Black power supply junction - centrale (9010/B) Type linear. Material:PC, colour:black.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Black</td> <td>81043</td> </tr> </tbody> </table>	Finish	Code	Black	81043
Finish	Code						
Black	81043						

Pound Shaper_medium | Projectors | Accessories
76666M66

		<p>Junction - Black L junction - internal (9011/B) Type linear. Material:PC, colour:black.</p>	<p>Finish Black</p>	<p>Code 81046</p>
		<p>Junction - Black L junction - external (9012/B) Type linear. Material:PC, colour:black.</p>	<p>Finish Black</p>	<p>Code 81049</p>
		<p>Junction - Flexible black junction (9018/B) Type flexible curve. Material:PC, colour:black.</p>	<p>Finish Black</p>	<p>Code 81067</p>
		<p>Junction - Black X junction (9017/B) Type linear. Material:PC, colour:black.</p>	<p>Finish Black</p>	<p>Code 81064</p>
		<p>Junction - Black left T junction - external (9013/B) Type linear. Material:PC, colour:black.</p>	<p>Finish Black</p>	<p>Code 81052</p>
		<p>Junction - Right black T junction - external (9014/B) Type linear. Material:PC, colour:black.</p>	<p>Finish Black</p>	<p>Code 81055</p>
		<p>Junction - Left black T junction - internal (9015/B) Type linear. Material:PC, colour:black.</p>	<p>Finish Black</p>	<p>Code 81058</p>
		<p>Junction - Right black T junction - internal (9016/B) Type linear. Material:PC, colour:black.</p>	<p>Finish Black</p>	<p>Code 81061</p>

Pound Shaper_medium | Projectors | Accessories
76666M66



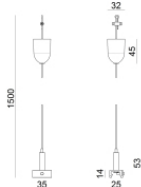
Suspensions - 1.5m white pendant luminaires kit (9000-KIT3-1,5-W)
 Material:plastic, colour:white.

Code
81006



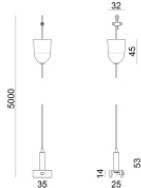
Suspensions - 5m white pendant luminaires kit (9000-KIT3-5-W)
 Material:plastic, colour:white.

Code
81007



Suspensions - 1.5m black pendant luminaires kit (9000-KIT3-1,5-B)
 Material:plastic, colour:black.

Code
81008



Suspensions - 5m black pendant luminaires kit (9000-KIT3-5-B)
 Material:plastic, colour:black.

Code
81009



Suspensions - White rigid suspension clip (S-9000-P2-W)
 Material:plastic, colour:white.

Code
81018



Suspensions - Black rigid suspension clip (S-9000-P2-B)
 Material:plastic, colour:black.

Code
81019



Suspensions - White rigid suspension 1m (S-9000-P3-W)
 Material:plastic, colour:white.

Code
81021



Suspensions - Black rigid suspension 1m (S-9000-P3-B)
 Material:plastic, colour:black.

Code
81022

Pound Shaper_medium | Projectors | Accessories
7666M66

		Cable cover - White recessed cover (S-9001-R/6-W) Material:PC, colour:white.	Code <u>81069</u>
		Cable cover - White cover for recessed junction (S-9010-R/6-W) Material:PC, colour:white.	Code <u>81072</u>
		Cable cover - White cover for recessed L junction (S-9011-R/6-W) Material:PC, colour:white.	Code <u>81075</u>
		Cable cover - White cover for recessed T junction (S-9013-R/6-W) Material:PC, colour:white.	Code <u>81078</u>
		Cable cover - White cover for recessed X junction (S-9017-R/6-W) Material:PC, colour:white.	Code <u>81081</u>
		Cable cover - Black recessed cover (S-9001-R/6-B) Material:PC, colour:black.	Code <u>81070</u>
		Cable cover - Black cover for recessed junction (S-9010-R/6-B) Material:PC, colour:black.	Code <u>81073</u>
		Cable cover Material:PC, colour:black.	Code <u>81076</u>

Pound Shaper_medium | Projectors | Accessories
7666M66

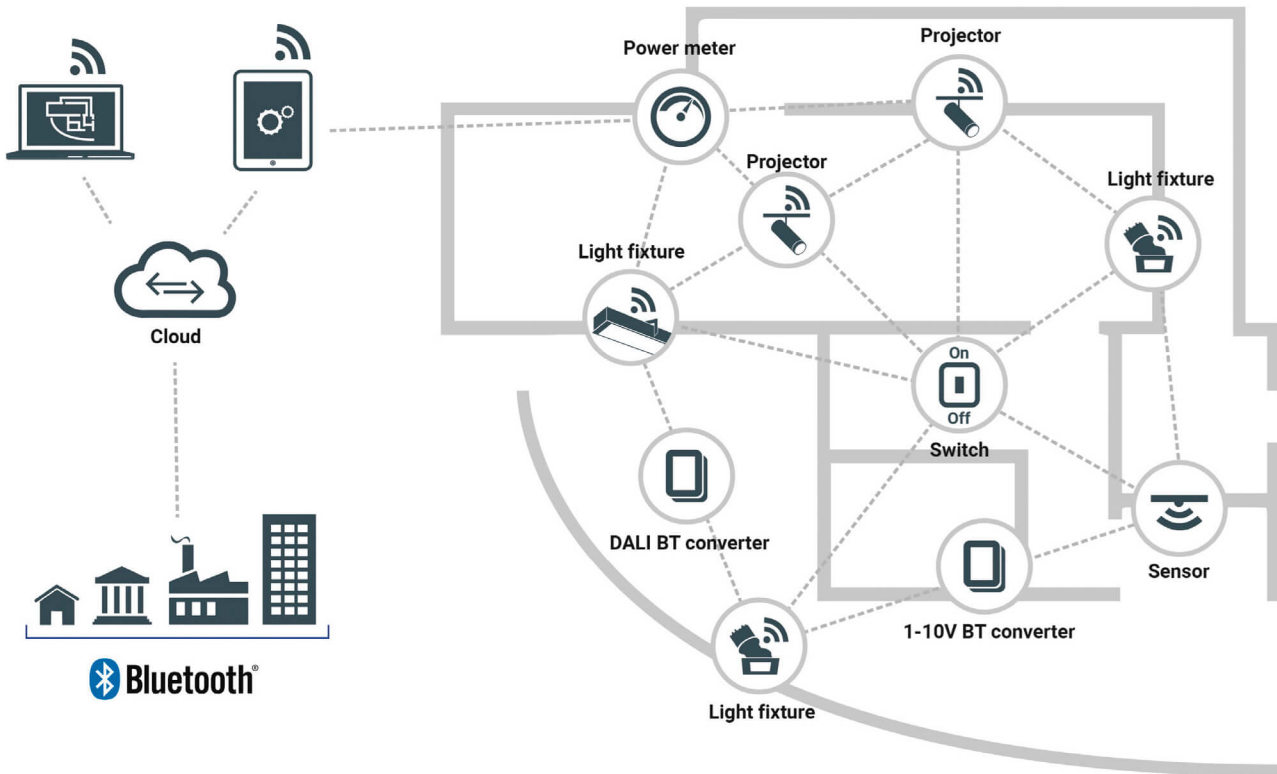
		<p>Cable cover - Black cover for recessed T junction (S-9013-R/6-B) Material:PC, colour:black.</p>	<p>Code <u>81079</u></p>
		<p>Cable cover - Black cover for recessed X junction (S-9017-R/6-B) Material:PC, colour:black.</p>	<p>Code <u>81082</u></p>
		<p>Cable cover Material:white.</p>	<p>Code <u>83249</u></p>
		<p>Cable cover Material:black, colour:black.</p>	<p>Code <u>83250</u></p>
		<p>White three-phase/DALI adapter (9009/W)</p>	<p>Code <u>81094</u></p>
		<p>White three-phase adapter (9009-4/W)</p>	<p>Code <u>81091</u></p>
		<p>Black three-phase/DALI adapter (9009/B)</p>	<p>Code <u>81095</u></p>
		<p>Black three-phase adapter (9009-4/B)</p>	<p>Code <u>81093</u></p>

	Tool - Cutter S-9000/T	Code 81005	
		Track - Three-phase Recessed White DALI Track, 1 m (9000-1/W-R) Length: 1000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.	Finish White Code 80990
		Track - Three-phase Recessed White DALI Track, 2 m (9000-2/W-R) Length: 2000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.	Finish White Code 80991
		Track - Three-phase Recessed White DALI Track, 3 m (9000-3/W-R) Length: 3000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.	Finish White Code 80992
		Track - Three-phase Recessed Grey DALI Track, 1 m (9000-1/B-R) Length: 1000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.	Finish Black Code 80993
		Track - Three-phase Recessed Black DALI Track, 2 m (9000-1/B-R) Length: 2000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.	Finish Black Code 80994
		Track - Three-phase Recessed Black DALI Track, 3 m (9000-3/B-R) Length: 3000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.	Finish Black Code 80995
		Track Length: 1000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.	Finish White Code 83336

Pound Shaper_medium | Projectors | Accessories
76666M66

		<p>Track Length: 2000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>White</td> <td>83337</td> </tr> </tbody> </table>	Finish	Code	White	83337
Finish	Code						
White	83337						
		<p>Track Length: 3000mm; Type of track: Standard. Material:Aluminium, colour:White, processing:Coating.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>White</td> <td>83338</td> </tr> </tbody> </table>	Finish	Code	White	83338
Finish	Code						
White	83338						
		<p>Track Length: 1000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Black</td> <td>83339</td> </tr> </tbody> </table>	Finish	Code	Black	83339
Finish	Code						
Black	83339						
		<p>Track Length: 2000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Black</td> <td>83340</td> </tr> </tbody> </table>	Finish	Code	Black	83340
Finish	Code						
Black	83340						
		<p>Track Length: 3000mm; Type of track: Standard. Material:Aluminium, colour:Black, processing:Coating.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Black</td> <td>83341</td> </tr> </tbody> </table>	Finish	Code	Black	83341
Finish	Code						
Black	83341						

Wiring Diagram



Identify

The first time the device is turned on and every time it gets reset, the system identify the lamps. The identification consists in an animation called "Attention event" with a 40% dimming for 500ms, 100% dimming for 500ms. The blue status LED blinks during identification too, 500msON/500ms OFF.

Bluetooth - Factory reset for Bluetooth device

A factory reset of the bluetooth device will change the device status in the network mesh from provisioned to not provisioned, all the network settings will be lost. This feature is necessary to reset the connection of a device which cannot be longer controlled. To perform the factory reset action on the device a magnet must be placed on the shown symbol on the box containing the bluetooth module. Keep contact for 5 seconds. Once the factory reset operation is done the system will identify the device.



Antenna

The antenna is incorporated into the article.

LED Blinking

The blue status LED placed on the box containing the Bluetooth interface performs a blink pattern depending on the lamp status.

Quick blinking/slow blinking

The LED blinks fast if the lamp is not connected to the network (every 300ms)
The LED blinks slowly if the lamp is connected to the network (every 2s)

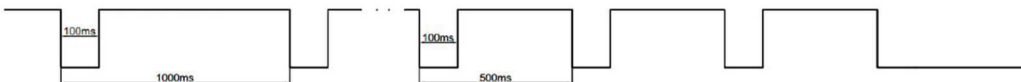
Unprovisioned



Provisioned



Factory Reset



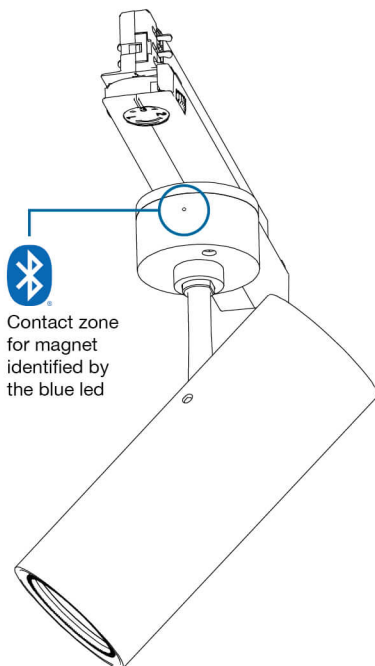
Mesh packet received



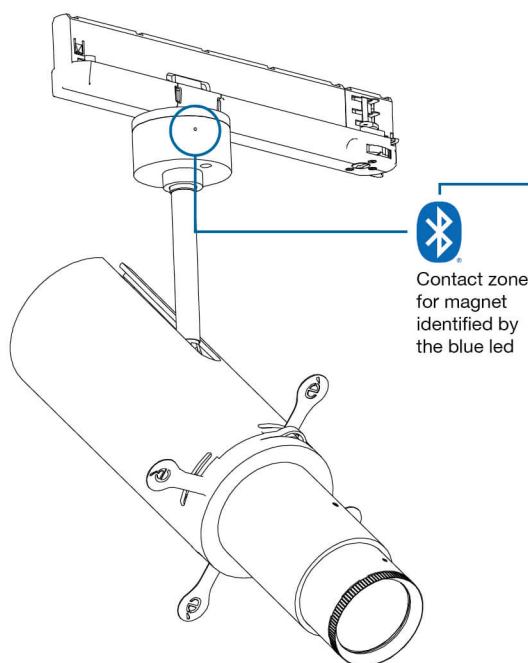
Other informations

- If the device is encased in a box, the wireless range may be affected, especially by metallic surfaces. Wireless range must be verified.
- Anunprovisioned device requires 30 seconds to be shown as available to provisioning after turning on
- The device successfully passed the SILVAIR test process
- Supporting EnOcean switch 83017
- Supporting Murata 83016 sensors
- The device can be operated with the SILVAIR app available for Apple phones and tablets
- Check the SILVAIR guide for more informations <https://silvair.com/resources/product-documents/>
- Linea Light has no responsibility for any third party instrument and does not provide any declaration, explicit or implicit, about the availability and/or the performances of said instrument.

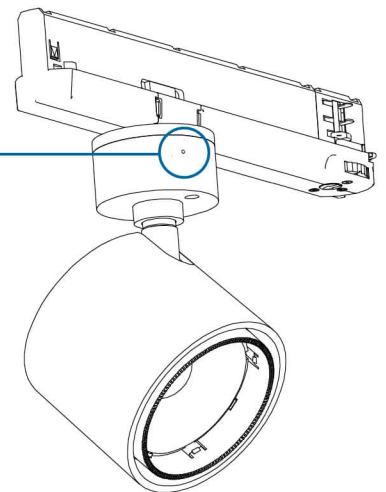
**POUND_T
POUND FOCUS**



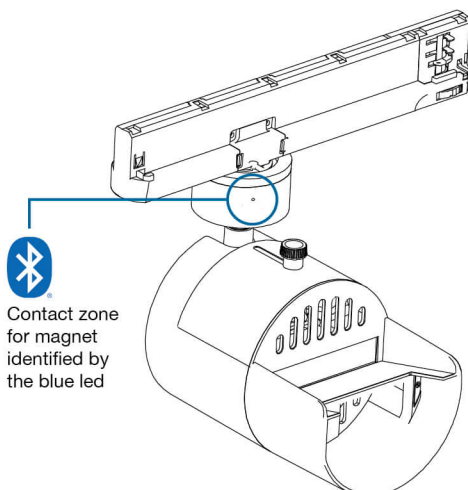
POUND SHAPER



OPTUS_T



OPTUS_Ww



Base
**NAVATA OPTUS
NAVATA POUND
SHAPER**

