Optus_T





Projectors | 198-264 V 1 arrayLED 23 W DC - 26 W AC | CRI 98 83909W60





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ght emission direction ominal power otal Power ource lumens oltage	frontal 23 W DC 26 W 2610 lm 198 - 264 V AC 50 - 60 Hz 3000 K
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ource lumens oltage	2610 lm 198 - 264 V AC 50 - 60 Hz 3000 K
oltage	198 - 264 V AC 50 - 60 Hz 3000 K
	50 - 60 Hz 3000 K
requency	3000 K
CT / Tone	98 Ra
olour rendering index	
.C. / C.V.	AC
afety class	2
)	IP20
low wire test	850°
irect mounting on normally flammable surfaces	Yes
E	Yes
river included	Driver
immable article	Bluetooth
irectional	Swivelling
tal angle (vertical plane)	90 °
tal angle (horizontal plane)	360 °
ilting	No
/alk-over	No
rive-over	No
able included	No
esin potting	No
ype of light emission	Single emission
et weight	0.687 Kg
lectrostatic discharge protection	Yes
urge protection	1 KV







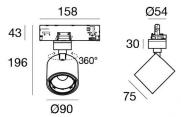












Finishing casing	9
Material	Die-cast Aluminium EN AB - 46100
Colour	White
Processing	Powder coating







Projectors | 198-264 V | 1 arrayLED 23 W DC - 26 W AC | CRI 98 | Base **83909W60**

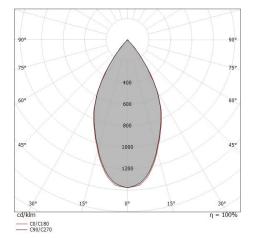
Single emission projectors for indoor application. The warm white LED light source with a wide flood light distribution is composed of 1 arrayled LEDs with CCT of 3000 K and a CRI 98; the source luminous flux is 2610 lm, with a 113.5 lm/W nominal luminous efficacy.

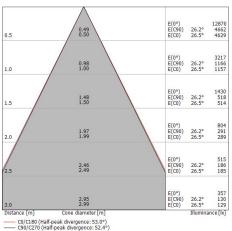
The device body is made of die-cast aluminium en ab - 46100 and features a white finish, processed by means of powder coating. The ingress protection degree is IP20; the total weight is of 0.687 kg.

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.





Energy efficiency class

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

89 %
2610 lm
2335 lm
26 W
89 lm/W
3000 K
2 Step MacAdam
98 Ra
Below
-20 / +50°C
40°C

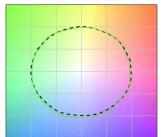
LED Life / Failure Ratio

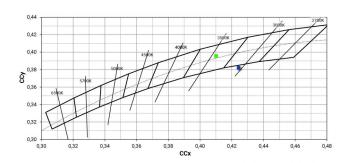
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR	
UGR axial	21.6
UGR transversal	21.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
C0/C180 optics	52°
Light distribution simmetry	Symmetrical

COLOR VECTOR GRAPHIC















	24 49	Bracket - White fixing braket (S-9000/131-W) L=35mm, H=14mm, D=24mm. Material:Aluminium, colour:white, processing:Coating.	Finish Code White 81087
	₹ 1 0 24 49	Bracket - Black fixing braket (S-9000/131-B) L=35mm, H=14mm, D=24mm. Material:Aluminium, colour:Black, processing:Coating.	Finish Code Black 81088
11	11 12 12 12 12 12 12 12 12 12 12 12 12 1	Cable cover - White recessed cover (S-9001-R/6-W) Material:PC, colour:white.	Code 81069
	• 522220 o	Cable cover - White cover for recessed junction (S-9010-R/6-W) Material:PC, colour:white.	Code 81072
	0 (azitan)0	Cable cover - White cover for recessed L junction (S-9011-R/6-W) Material:PC, colour:white.	Code 81075
	+ (13)(13) +	Cable cover - White cover for recessed T junction (S-9013-R/6-W) Material:PC, colour:white.	Code 81078
	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Cable cover - White cover for recessed X junction (S-9017-R/6-W) Material:PC, colour:white.	Code 81081
	### ### ### ### ### #### #############	Cable cover - Black recessed cover (S-9001-R/6-B) Material:PC, colour:black.	Code 81070

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• EDEC •	Cable cover - Black cover for recessed junction (S-9010-R/6-B) Material:PC, colour:black.	Code 81073
O (LIMELINO)	Cable cover Material:PC, colour:black.	Code 81076
+ 11111111	Cable cover - Black cover for recessed T junction (S-9013-R/6-B) Material:PC, colour:black.	Code 81079
• (at 185a) •	Cable cover - Black cover for recessed X junction (S-9017-R/6-B) Material:PC, colour:black.	Code 81082
	Cable cover Material:white.	Code 83249
	Cable cover Material:black, colour:black.	Code 83250
S	Cable junction - White electrical junction - internal (9003/W) Type linear. Material:PC, colour:white.	Code 81039
8	Cable junction - Black electrical junction - internal (9003/B) Type linear. Material:PC, colour:black.	Code 81040







Type linear.

Material:PC, colour:white.

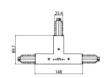
81057

White









Cable junction - Right White T junction - internal (9016/W) Type linear.

Material:PC, colour:white.

Finish Code
White 81060





Cable junction - Black power supply junction - centrale (9010/B) Type linear.

Material:PC, colour:black.

Finish Code
Black 81043





Cable junction - Black L junction - internal (9011/B)

Type linear.

Material:PC, colour:black.

Finish

Code 81046





Cable junction - Black L junction - external (9012/B)

Type linear

Material:PC, colour:black.

Finish Black Code

81049





Cable junction - Flexible black junction (9018/B)

Type flexible curve.

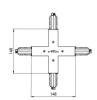
Material:PC, colour:black.

Finish

Code

81067





Cable junction - Black X junction (9017/B)

Type linear.

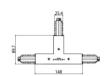
Material:PC, colour:black.

Finish

Code

81064





Cable junction - Black left T junction - external (9013/B)

Type linear.

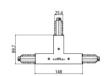
Material:PC, colour:black.

Finish

Code

81052





Cable junction - Right black T junction - external (9014/B)

Type linear.

Material:PC, colour:black.

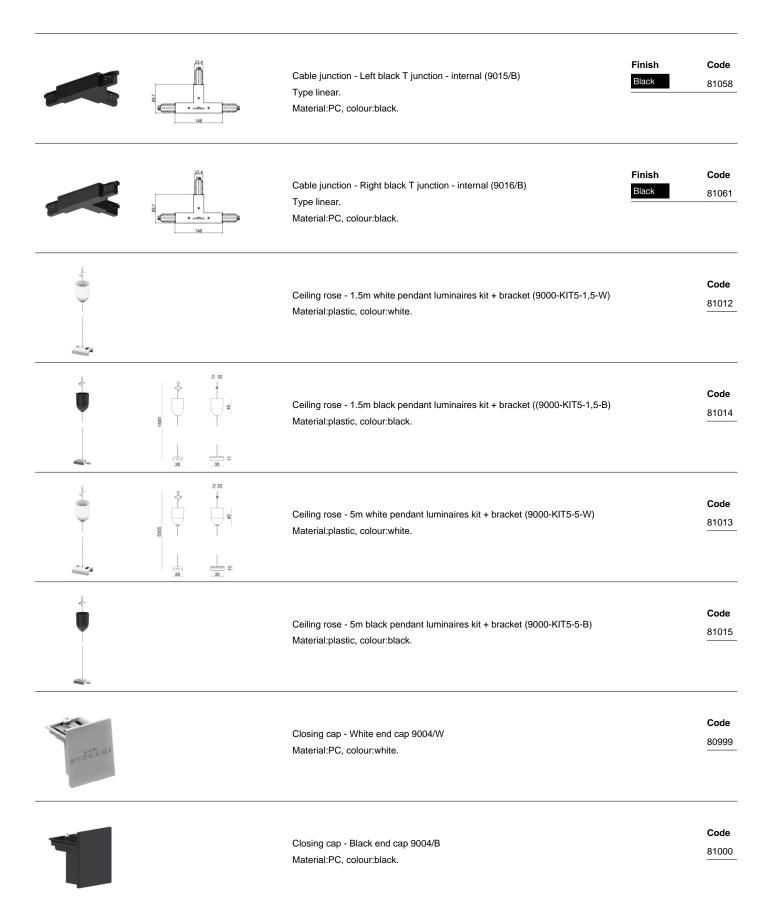
Finish

Code 81055

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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





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



Optics - Focal kit (min 16° max 42°) Light distribution: adjustable, Cover material: aluminium Code

99843





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



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

Code





	95 31 148	Power supply - Black Right power supply header (9001/B) Material:PC, colour:black.	Code 81034
**		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
Ť	32. 32. 35. 32. 35. 32. 35. 32. 35. 32. 35. 36. 37. 38. 39. 39. 39. 30. 30. 30. 30. 30. 30. 30. 30	Suspensions - 1.5m black pendant luminaires kit (9000-KIT3-1,5-B) Material:plastic, colour:black.	Code 81008
Ť	32. \$\frac{1}{2} \text{ gg}\$	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
31.4 (1) (2) (2) (3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	Track - Three-phase Recessed White DALI Track, 1 m (9000-1/W-R) Material:Aluminium, colour:White, processing:Coating.	Code 80990
31.4 (1) (2) (3) (4) (5) (7) (8) (9) (9) (1) (1) (1) (1) (2) (3) (4) (5) (6) (7) (7) (7) (7) (7) (7) (7) (7	Track - Three-phase Recessed White DALI Track, 2 m (9000-2/W-R) Material:Aluminium, colour:White, processing:Coating.	Code 80991
31.4 (1) (2) (3) (4) (5) (7) (8) (9) (9) (1) (1) (1) (2) (3) (4) (5) (6) (7) (7) (7) (8) (9) (9) (9) (9) (9) (9) (9) (9	Track - Trhee-phase Recessed White DALI Track, 3 m (9000-3/W-R) Material:Aluminium, colour:White, processing:Coating.	Code 80992
31.4 (1) (2) (3) (4) (5) (7) (8) (9) (9) (1) (1) (1) (2) (3) (4) (4) (5) (6) (7) (7) (7) (7) (8) (8) (9) (9) (9) (9) (9) (9) (9) (9	Track - Three-phase Recessed Grey DALI Track, 1 m (9000-1/B-R) Material:Aluminium, colour:Black, processing:Coating.	Code 80993
31.4 (1) (2) (3) (4) (5) (6) (7) (7) (8) (9) (9) (9) (9) (9) (9) (9) (9) (9) (9	Track - Three-phase Recessed Black DALI Track, 2 m (9000-1/B-R) Material:Aluminium, colour:Black, processing:Coating.	Code 80994
	Track - Three-phase Recessed Black DALI Track, 3 m (9000-3/B-R) Material:Aluminium, colour:Black, processing:Coating.	Code 80995
37.8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Track Material:Aluminium, colour:White, processing:Coating.	Code 83336



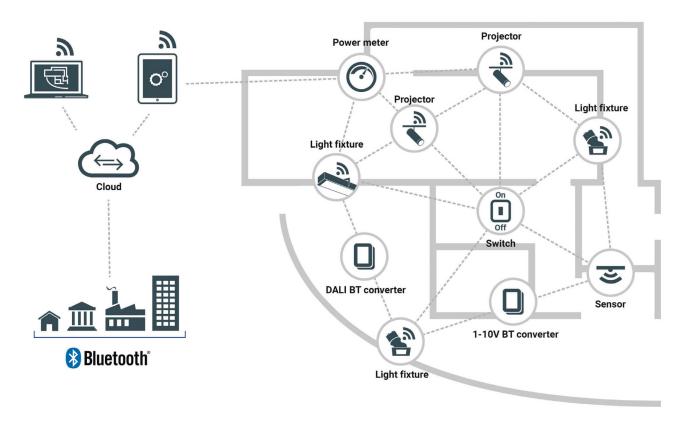


37.8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Track Material:Aluminium, colour:White, processing:Coating.	Code 83337
37.8	Track Material:Aluminium, colour:White, processing:Coating.	Code 83338
37.8	Track Material:Aluminium, colour:Black, processing:Coating.	Code 83339
37.8	Track Material:Aluminium, colour:Black, processing:Coating.	Code 83340
37.8	Track Material:Aluminium, colour:Black, processing:Coating.	Code 83341
	Utensil - Cutter S-9000/T	Code 81005





Wiring Diagram



Identify

The first time the device is turned on and every time it gets resetted, the system identify the lamps. The identification consists in an animation called "Attention event" with a 40% dimmering for 500ms, 100% dimmering 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

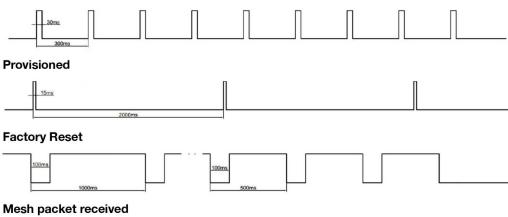
The blue status LED placed on the box containing the Bluetooth interface performs a blink pattern depending on the lamp status.

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









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.

