

LIGHTING SYSTEMS

Catirpel

Code

E011ESP940BC

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
4000K 90	SP 19°	5.5W 465lm
POWER SUPPLY CONTROL	COLOUR	
24Vdc		



The figures on the drawing are expressed in mm.



Technical Data

Concept

Modular low voltage outdoor system. Thanks to its flexibility, it can be installad in contexts of curved and irregular surfaces.

Source

High efficiency Chip on Board LED Ra90 available in four colour temperatures.

Energy efficiency class	F
Nominal power	5X4,7W
Nominal flux	5x616lm
Colour rendering index	90
Rf	90
Rg	98
CCT nominal	4000K
Lifetime (L80/B10)	52000h tq +25°C
Lifetime (L90/B10)	52000h tq +25°C

TARGETTI

CCIAA Firenze
Share Capital: € 500.000,00
VAT N. (IT): 01537660480
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Due to the technological evolution of the electronic components, the data provided may be updated, and as such, confirmation must be requested during the order process.
Luminous flux and power supply have +/-10% tolerances with respect to the indicated value. tq +25°C (CIE 121).

We reserve the right to make technical changes.

Technical Data

Illuminotechnical characteristics

SP versions: optics made of a lens in optical grade PMMA and a holographic diffusion filter. Optical accessories available to control the light beam.

Optic	SP
Beam angles	SP
Optical efficiency	75.46%
Fixture flux	5x465lm
Luminous efficacy	85lm/W
Photobiological safety	Compliant with RG1 low risk group

Mechanical characteristics

It's made of adjustable projectors that can be oriented in multiple directions in space, thanks to a mechanical connection made through spherical joints. Cylindrical aluminium bodies obtained through CNC machining process and protected with a layer of black anodization with a minimum thickness of 15μ. Joint body in die-cast aluminum with cataphoresis treatment. Powder coated in a burnished copper colour. Tempered extra clear front glass. Flexibility of the optical bodies by $\pm 110^\circ$ on the vertical plane and mechanical locking. Flexibility of the chain with respect to the contact surface of $\pm 45^\circ$. Minimum achievable curvature radius of 95mm with an angle of 45° between projectors. IP67 in-out connectors (in Nylon).

Colour and finish	Burnished copper
Dimensions	AxØxH 840x52x52mm
Weight	1.15Kg
Version	5X In-Out
Degree of protection	IP66, IP67
Mechanical Resistance	IK06

Electrical characteristics

To be completed with remote driver. Connection cables and 3-way connector available as accessories. Complete with through wiring. Refer to installation manual for the maximum system distances.

Fixture Power	5x5.5W
Power supply	24Vdc
Insulation Class	CLASS 3
SAFE FLICKER	PstLM=<1 and SVM=<0.4 (IEC TR 61547-1 and IEC TR 63158), to ensure a more comfortable and safe light
Ambient temperature	-25°C / +35°C

Installation

Designed for connection in series through external cable (0.15m + 0.15m) completed with male/female miniaturised IP67 connectors. Accessories available for multiple installation modes.

Notes

The photometrics refer to individual projectors. Values related to the power consumption of the fixture do not take into account the consumption of the accessory driver, which depends on the choice of driver.

Warranty

5 years.

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Warning

Luminaire designed for disposal/recycling at end-of-life. Replaceable (LED only) light source by a professional. Non-replaceable control gear.

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Related codes

Power Supply



CODE	COLOUR
A015BC	

24Vdc driver box (IP67).

L=250mm 80W.

Provided with IP67 male/female connectors for 220-240V and IP67 miniaturized female connector for 24V.



CODE	IP	OUTPUT VOLTAGE	POWER SUPPLY	POWER	LXHP
1T3587	IP67	24Vdc	220-240Vac	100W	230x87x43mm
1T3588	IP67	24Vdc	220-240Vac	200W	238x42x67mm

Electronic ON-OFF power supply.

Accessories

Screen



CODE	COLOUR
A031BC	

Cylindrical screen.

Aluminium with black anodizing treatment.

A031BC - Powder coated in a burnished copper colour.



CODE	COLOUR
A017BC	

Asymmetric screen.

Aluminium with black anodizing treatment.

A017BC - Powder coated in a burnished copper colour.

Grid



CODE	COLOUR
A032BC	

Anti-glare louver.

The central elements can be adjusted +/- 360° for a perfect glare control.

Aluminium with black anodizing treatment.

A032BC - Powder coated in a burnished copper colour.

Holder Ring



CODE	COLOUR
A033BC	

Holder ring.

Aluminium with black anodizing treatment.

A033BC - Powder coated in a burnished copper colour.

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Filter



CODE

A034

Blade of light filter.
To be used with holder ring A033.



CODE

VERSION

A083

FL - 34°

A084

WFL - 52°

Diffusion filter.
To be used with holder ring A033.

A083 - When used with an SP optic, it produces a FL 34° beam.

A084 - When used with an SP optic, it produces a WFL 52° beam.

Bracket



CODE

COLOUR

A019BC



Bracket for installation on surfaces.
Powder coated stainless steel.



CODE

COLOUR

A020BC



Bracket for installation on trees.
To be completed with accessory strap A023.
Powder coated stainless steel.

Mounting System



CODE

L

A023

2000mm

Strap for tree bracket (tree installation).



CODE

COLOUR

P

H

L

A021BC



25mm

162mm

25mm

Earthspike.
Powder coated stainless steel.



CODE	COLOUR	H
A022BC		20mm

Cylindrical spacer.
Aluminium with black anodizing treatment.

A022BC - Powder coated in a burnished copper colour.



CODE	COLOUR	H
A055BC		20mm

Cylindrical spacer for cable installation (not supplied).
Aluminium with black anodizing treatment.

A055BC - Powder coated in a burnished copper colour.

Cable



CODE	L
A026	1000mm
A027	2000mm
A028	3000mm
A078	6000mm

Connection cable.

End Caps



CODE
A029

End cap for miniaturized female connector.

Cable



CODE
A030

Connection kit for remote driver.

Connector



CODE
A024

3 ways connector (1IN-2OUT).

Control systems



CODE

1T6581

Dimmer for 12-24Vdc constant voltage LED driver.
1-10V/DALI control input.
IP20



CODE

1E3048

IP67 wireless control unit with DALI interface.
It generates a local DALI2 bus, enabling a direct connection to a DALI interface LED driver. The module can only be used in a closed system and cannot be connected to an existing DALI network.
The module is wireless controlled using a Casambi app for smartphones and tablets using Bluetooth 5.0 technology.
The devices automatically create an adaptive, robust, and reliable wireless mesh network, allowing for the easy and efficient management of a high number of fixtures.
The control unit is preset to the DALI TCH profile, meaning the device can control a single DALI driver with broadcast commands.

In addition to the DALI broadcast, other operating modes are available, such as:

- Button (normally open)
- Control unit 0/1-10V
- Control unit DALI Tunable White DT8
- Presence sensor

If different from the preset mode, the desired operating profile must be set directly by the user before coupling the control unit to the Casambi network.
LxHxP=108x28x65mm.



CODE

1E4369

IP67 Extender for wireless control of LED driver with dimming DALI interface based on Casambi technology.
It has a DALI2 output with the capacity to control up to 40 lighting fixtures.
With the addition of a further external BUS DALI power supply it is possible to control up to 64 fixtures.
IP67 Extender is preset to the DALI broadcast profile, meaning all the luminaires connected to it are dimmable at the same level.

In addition to the DALI broadcast other operating modes are available, such as:

- EXTENDER DALI 8CH
- EXTENDER DALI Tunable White
- EXTENDER DALI 4CH
- EXTENDER DALI DT8 Tunable White

If different from the preset mode, the desired operating profile must be set directly by the user before coupling the extender to the Casambi network.
LxHxP=148x40x150mm.