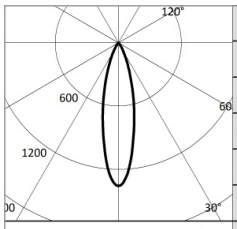
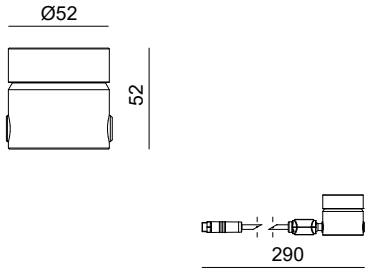
E024BFL940DG | CATIRPEL

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



4000K		H(m)	D(m)	Emax(lx)
Ra90			25°	
Fixture Power	6W	1	0.45	835
Source Flux	616lm	2	0.90	209
Fixture Flux	233lm	3	1.36	93
Efficacy	42lm/W	4	1.81	52
TS1950 Imax=1355cd/klm	Imax	835cd	5	2.26	33



The figures on the drawing are expressed in mm.

SOURCE

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

Energy efficiency class: F
Nominal power: 1X4,7W
Nominal flux: 616lm
Colour rendering index: 90
Rf: 90
Rg: 98
CCT nominal: 4000K
Lifetime (L80/B10): >50000h tq +25°C

ILLUMINOTECHNICAL CHARACTERISTICS

Louvre - FL version: optic composed of an optical grade PMMA lens, a holographic diffusing filter and a black painted aluminium anti-glare grid with a honeycomb structure. Optical accessories available to control the light beam.

Optic: LENS
Beam angles: FL
Optical efficiency: 38%
Fixture flux: 233lm
Luminous efficacy: 42lm/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 machinining 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 grey dune colour. Tempered extra clear front glass. Flexibility of the optical bodies by ±110° on the vertical plane and mechanical locking. Flexibility of the chain with respect to the contact surface of ±45°. Minimum achievable curvature radius of 95mm with an angle of 45° between projectors. IP67 in-out connectors (in Nylon).

Colour and finish: Dune grey
Dimensions: L=290mm
Weight: 0.24Kg
Version: 1X END - LOUVRE
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: 6W
Power supply: 24Vdc
Insulation Class: CLASS 3
Class F: YES
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

Dead end with external cable (0.15m) completed with male miniaturised IP67 connector. 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.

WARNING

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

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.

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TARGETTI

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Related codes

Power Supply

Colour	Code
	A015DG

24Vdc driver box (IP67).
L=250mm 80W.
Provided with IP67 male/female connectors for 220-240V and IP67 miniaturized female connector for 24V.

Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
230x87x43	100W	220-240Vac	24Vdc	IP67	**1T3587**
238x42x67	200W	220-240Vac	24Vdc	IP67	**1T3588**

Electronic ON-OFF power supply.

Accessories

Screen

Colour	Code
	A031DG

Cylindrical screen.
Aluminium with black anodizing treatment.
A031DG - Powder coated in a grey dune colour.

Colour	Code
	A017DG

Asymmetric screen.
Aluminium with black anodizing treatment.
A017DG - Powder coated in a grey dune colour.

Grid

Colour	Code
	A032DG

Anti-glare louver.
The central elements can be adjusted +/- 360° for a perfect glare control.
Aluminium with black anodizing treatment.
A032DG - Powder coated in a grey dune colour.

Holder Ring

Colour	Code
	A033DG

Holder ring.
Aluminium with black anodizing treatment.
A033DG - Powder coated in a grey dune colour.

Filter

Code
A034

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

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Bracket

	Colour	Code
		A019DG

Bracket for installation on surfaces.
Powder coated stainless steel.

	Colour	Code
		A020DG

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

Mounting System

	L mm	Code
	2000	**A023**

Strap for tree bracket (tree installation).

	L mm	H mm	P mm	Colour	Code
	25	162	25		**A021DG**

Earthspike.
Powder coated stainless steel.

	H mm	Colour	Code
	20		**A022DG**

Cylindrical spacer.
Aluminium with black anodizing treatment.
A022DG - Powder coated in a grey dune colour.

	H mm	Colour	Code
	20		**A055DG**

Cylindrical spacer for cable installation (not supplied).
Aluminium with black anodizing treatment.
A055DG - Powder coated in a grey dune colour.

Cable

	L mm	Code
	1000	**A026**
	2000	**A027**
	3000	**A028**
	6000	**A078**

Connection cable.

End Caps

	Code
	A029

End cap for miniaturized female connector.

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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, enhabling 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 1CH profile, maning 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

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

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