RECESSED LUMINAIRES

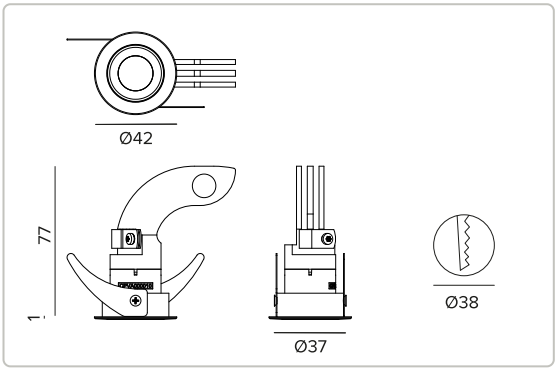
CCTEvo Downlight 38



Code
2T0021

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
3000K 90	FL 30°	6.3W 504lm

POWER SUPPLY CONTROL	COLOUR
500mA	



The figures on the drawing are expressed in mm.





3000K		H(m)	D(m)	Emax(lx)
Ra90			30°	
Fixture Power	6W	1	0.53	1568
Source Flux	674lm	2	1.06	392
Fixture Flux	504lm	3	1.58	174
Efficacy	80lm/W	4	2.11	98
Imax	1568cd	5	2.64	63

Technical Data

Concept

LED recessed downlight with high low optics for high performances. Trim version.

Source

High efficiency Chip on Board LED Ra90.	
Energy efficiency class	F
Nominal power	6,3W
Nominal flux	674lm
Colour rendering index	90
Rf	92
Rg	101
CCT nominal	3000K
Lifetime (L80/B10)	52000h tq +25°C
Lifetime (L90/B10)	52000h tq +25°C

TARGETTI

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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

Classic version with FL low optics: front in black painted thermoplastic material, metallised thermoplastic material reflector, holographic acrylic diffuser screen. UGR<19 and L65<1000 cd/m² (EN 12464-1). IP54 protection for the visible parts of the installed fixture.

Optic	FL
Beam angles	FL
Optical efficiency	74.79%
Fixture flux	504lm
Luminous efficacy	80lm/W
Photobiological safety	Compliant with RG1 low risk group

Mechanical characteristics

Heat sink in black aluminum obtained by CNC machinining process, structure in thermoplastic material and silicone gasket for sealing against water and dust. Trim version with black painted aluminum ring obtained through CNC machinining process.

Colour and finish	Deep black / Deep black
Dimensions	ØxH 42x78mm
Weight	0.075Kg
Version	Trim
Degree of protection	IP20 for recessed part
Degree of protection	IP54 for exposed part

Electrical characteristics

To be completed with electronic ON-OFF or DALI driver for wiring of a single product or for wiring in series up to a maximum of 4 products.

Fixture Power	6.3W
Power supply	500mA
Insulation Class	CLASS 3
Driver included	NO
Ambient temperature	0°C / +25°C

Installation

Quick tool-free mounting system for false ceiling installation from 1 to 25mm (TRIM).

Notes

Casambi control system available via accessory (only for products with DALI driver). 110-277Vac version available on request. Commissioning of the control system via free APP; the intervention of a specialist technician can be quoted on request.

Regulations and Certifications

CE

Warranty

5 years.

Technical Data

Warning

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

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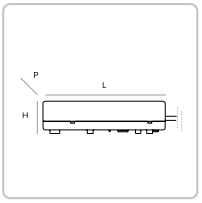
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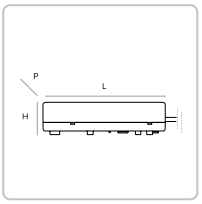
Related codes

Power Supply



CODE	IP	OUTPUT CURRENT	POWER SUPPLY	POWER	LXHXP
1T9638EL	IP20	500mA	110-240Vac	max 14W	158x19x22mm
1T9639EL	IP20	500mA	110-240Vac	max 50W	124x22x79mm

Electronic ON-OFF power supply.



CODE	IP	OUTPUT CURRENT	POWER SUPPLY	POWER	LXHXP
1T9638DA	IP20	500mA	220-240Vac	max 10W	124x21x31mm
1T9639DA	IP20	500mA	110-240Vac	max 27W	124x22x79mm

DALI power supply.

Accessories

Emergency Kit



CODE
A059

Emergency kit composed of an inverter a LIFePO4 battery and a LED Green indicator.
Allows permanent EP emergency use of the fixture it is connected to.
The 1h or 3h autonomy can be selected by configuring the fixture.
The batteries take 12h to completely recharge.
LED Green indicator wired to the inverter through single-core cables L= 800mm.
Emergency kit for fixtures that comply with EN 60598-2-22 standard, high risk areas excluded.
Battery size 160x54x30 mm.
Inverter size 165x40x25 mm.

Control systems



CODE
1T5349

IP20 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

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=102x25x36mm.

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CODE

2T0131

IP20 Extender for wireless control of LED driver with dimming DALI (or 1-10V) 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.
IP20 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 0/1-10V
- 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=130x22x30mm.

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