WALL RECESSED LUMINAIRES

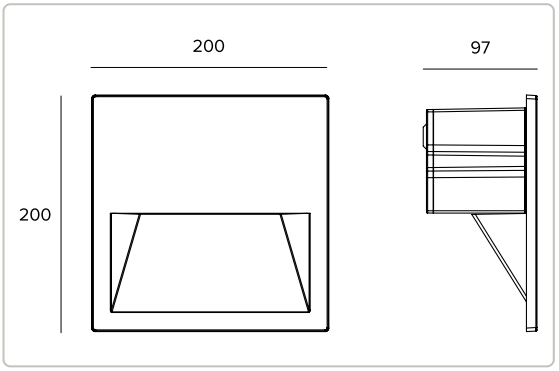
SURFACE LUMINAIRES | BOLLARDS

Zedge Pro

Code
1E3210DA90

LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
2700K 90	Floor Washer	15.6W 384-573lm

POWER SUPPLY CONTROL	COLOUR
220-240Vac DALI	



The figures on the drawing are expressed in mm.

2.35 IP66 IK10 CE

The fixture's photometric values can be found on the following pages

Technical Data

Concept

Recessed wall mounted LED fixture.

Source

2 high efficiency Ra90 LED Chip on Board.

Energy efficiency class	E
Nominal power	14W
Nominal flux	1672lm
Colour rendering index	90
Rf	92
Rg	99
CCT nominal	2700K
SDCM	2
Lifetime (L80/B10)	72000h tq +25°C
Lifetime (L90/B10)	72000h tq +25°C

TARGETTI

CCIAA Firenze
Share Capital: € 500.000,00
VAT N. (IT): 01537660480
R.E.A: FI-275656

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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

The internal optical system is composed of 2 metallised polycarbonate reflectors coupled to two high reflectance anodised aluminium reflectors and holographic filters. Louver screen in silk-screen printed extra-clear glass. ADJUSTABLE version - that allows to change from one beam to the other in a uniform way by adjusting the 2 optical systems.

Optic	Floor Washer
Optical efficiency	See photometries
Fixture flux	See photometries
Luminous efficacy	See photometries
Photobiological safety	Compliant with RG1 low risk group
BUG rating in compliance with IES TM 15 07	B=0 U=0 G=0

Mechanical characteristics

The body of the fixture and the external frame are made of powder coated die-cast anodised aluminium.

Colour and finish	Ferrite
Dimensions	AxBxH 200x200x97mm
Weight	2.35Kg
Version	Adjustable
Degree of protection	IP66
Mechanical Resistance	IK10

Electrical characteristics

Complete with a dimmable DALI power supply. Pre-cabled with a 1m H07RN-F (4x1mm²) cable. Luminaire compliant with EN 60598-2-22 for power supply from a centralised emergency system CPSS (Central Power Supply System), not incorporated in the luminaire - high risk areas excluded. The default power and flux are 100% in AC and 100% in DC.

Fixture Power	15.6W
Power supply	220-240Vac 50/60Hz
Insulation Class	CLASS 2
Type of driver / Control	DALI - PUSH
Driver included	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

To be completed with a special nylon outer casing fitted for parallel connection.

Notes

Designed in collaboration with Gensler. Casambi control system available using a dedicated accessory. Uses the "Waterblock Smart" technical solution that involves resin coating the connection cables, limiting the risk of humidity reaching the driver or the fixture. It is possible to subject the product to Cataphoresis treatment on request. 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

Technical Data

Warranty

5 years.

Warning

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

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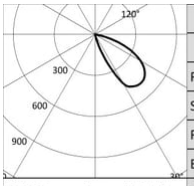
Photometries

DEEP WW

Fixture flux	573lm
Luminous efficacy	37lm/W
Optical efficiency	34.27%

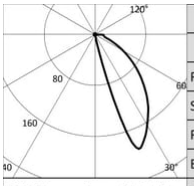


TS1076 Imax=489cd/klm

2700K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra90			44°	53°	
Fixture Power	16W	1	2.06	1.38	455
Source Flux	1672lm	2	4.11	2.77	114
Fixture Flux	573lm	3	6.17	4.15	51
Efficacy	37lm/W	4	8.23	5.53	28
Imax	818cd	5	10.29	6.92	18

WIDE WW

Fixture flux	384lm
Luminous efficacy	25lm/W
Optical efficiency	22.98%



TS1077 Imax=239cd/klm

2700K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra90			32°	105°	
Fixture Power	16W	1	0.82	2.79	270
Source Flux	1672lm	2	1.63	5.58	68
Fixture Flux	384lm	3	2.45	8.38	30
Efficacy	25lm/W	4	3.27	11.17	17
Imax	400cd	5	4.09	13.96	11

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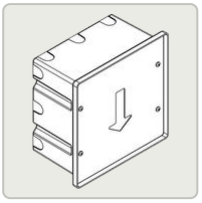
Related codes

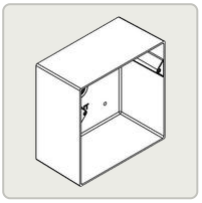
Insertion Box



CODE
1E3219

Nylon outer casing fitted for parallel connection with feed through-wiring.
AxBxH=207x207x114.5mm.
For flush or overlay installation.

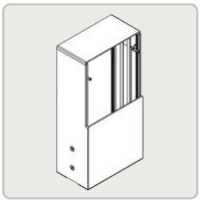
Carter



CODE	COLOUR
1E3440	

Plate accessory for wall mounted installation.
Powder coated anodised aluminium.
AxBxH=201x201x107mm.

Bollard



CODE	COLOUR	H	KG
1E3437		400mm	3.5Kg
1E3438		800mm	5.8Kg
1E3439		1000mm	7Kg

Powder coated anodised aluminium bollard.

Mounting System

CODE
1E3450

Fixing rods for installation in concrete.
AISI 316 stainless steel.
H=147mm.
0.36Kg.

For Zedge Pro Bollard installation with pole 1E3437, 1E3438, 1E3439.

Accessories

Connector

CODE
1E2769

Linear connection box IP66/IP68.
5 poles max. wire section 1.5mm².
Cable diameter range from 7 to 12mm.

CODE
1E2494

Multiple connection box IP68.
1 IN - 3 OUT 4 poles max. wire section 2.5mm².
Cable diameter range from 6 to 12mm.

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Tool

CODE

1E3305

Tightening wrench for the connector kit.

Control systems

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

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.

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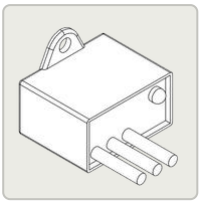
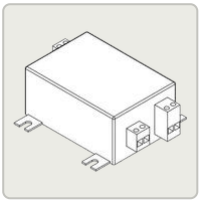
Surge protector



CODE

A013B

Surge protector compatible with CLASS II lighting fixtures and electronic drivers.
Operating voltage 220-240Vac.
SPD type 2+3.
Max surge protection 10kV.
CLASS II
IP67



CODE

A013D

Surge protector compatible with CLASS II lighting fixtures.
DALI, DMX, 0-10V datalines compliance.
Operating voltage 230-277Vac.
SPD type 2+3.
Max surge protection 10kV.
CLASS II
IP65

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