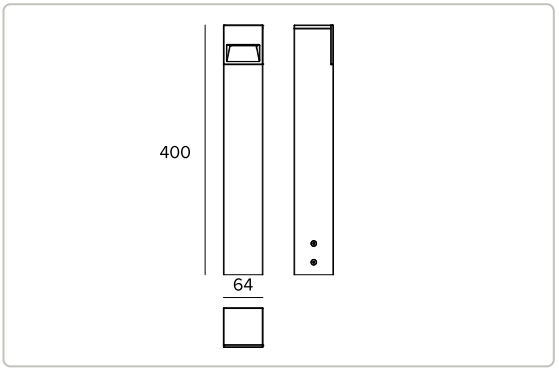
BOLLARDS

Zedge Bollard

Code
1E389990

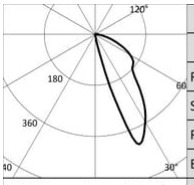
LIGHT COLOUR	LIGHT DISTRIBUTION	OUTPUT
4000K 90	Floor Washer	3.9W 187lm

POWER SUPPLY CONTROL	COLOUR
24Vdc	



The figures on the drawing are expressed in mm.

0.8 IP66 IK10 CE



4000K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra90			27°	63°	
Fixture Power	4W	1	0.64	1.33	200
Source Flux	573lm	2	1.27	2.67	50
Fixture Flux	187lm	3	1.91	4.00	22
Efficacy	48lm/W	4	2.55	5.33	12
Imax	245cd	5	3.19	6.66	8

Technical Data

Concept

Asymmetric emission LED bollard.

Source

Ra90 LED board.

Energy efficiency class	D
Nominal power	3,9W
Nominal flux	573lm
Colour rendering index	90
Rf	89.8
Rg	98.7
CCT nominal	4000K
Lifetime (L80/B10)	100000h tq +25°C
Lifetime (L90/B10)	59000h 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

A high reflectance anodised aluminium reflector. Floor Washer HO version: polycarbonate clear screen.

Optic	Floor Washer
Optical efficiency	32.66%
Fixture flux	187lm
Luminous efficacy	48lm/W
Photobiological safety	Compliant with RG1 low risk group
BUG rating in compliance with IES TM 15 07	B=0 U=1 G=0

Mechanical characteristics

Powder coated anodised aluminium bollard.

Colour and finish	Ferrite
Dimensions	AxBxH 64x64x400mm
Weight	0.8Kg
Version	Floor Washer HO
Degree of protection	IP66
Mechanical Resistance	IK10

Electrical characteristics

24V version to be powered with an electronic 230V/24Vdc transformer available as an accessory and dimmable with the special accessory kit. Casambi control system available using a dedicated accessory (only with DALI dimmer). 24V version: pre-cabled with a 1m H07RN-F (2x1.5mm²) cable.

Fixture Power	3.9W
Power supply	24Vdc
Insulation Class	CLASS 3
Driver included	NO
Ambient temperature	-25°C / +35°C

Installation

To be completed with a stainless steel anchoring system, available for the double version with a plate for installation with dowels or with fixing rods for installation in concrete.

Notes

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

Warranty

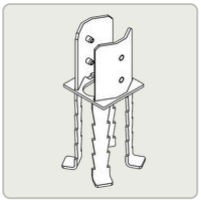
5 years.

Warning

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

Related codes

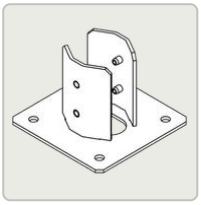
Mounting System



CODE

1E3740

AISI 316 stainless steel plate with fixing rods for installation in concrete.



CODE

1E3741

AISI 316 stainless steel plate for surface installation.
Can be used with 1E3450 fixing rods.

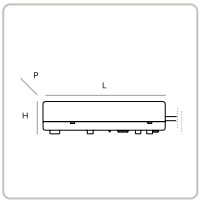
CODE

1E3450

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

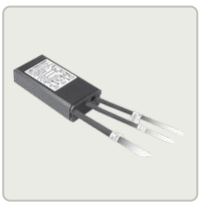
For Zedge Bollard installation with plate 1E3741.

Power Supply



CODE	IP	OUTPUT VOLTAGE	POWER SUPPLY	POWER	LXHXP
1E4359	IP67	24Vdc	220-240Vac	14,4W	79x25x38mm
1T3586	IP67	24Vdc	220-240Vac	75W	140x32x63mm
1T3587	IP67	24Vdc	220-240Vac	100W	230x87x43mm
1T3588	IP67	24Vdc	220-240Vac	200W	238x42x67mm

Electronic ON-OFF power supply.



CODE	IP	OUTPUT VOLTAGE	POWER SUPPLY	POWER	LXHXP
1E4397EL	IP68	24Vdc	220-240Vac	17W	122x26x54mm

Electronic ON-OFF power supply.

Accessories

Connector

CODE

1E2769

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

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CODE

1E2494

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

CODE

1E2493

Linear connection box IP68.
4 poles max. wire section 2.5mm².
Cable diameter range from 7 to 12mm.

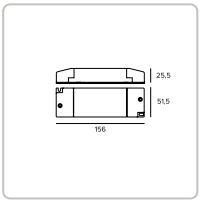
Tool

CODE

1E3305

Tightening wrench for the connector kit.

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

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.

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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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