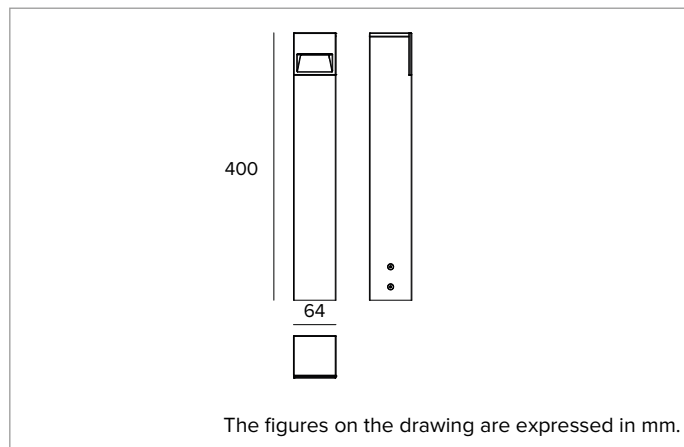


1E389990 | ZEDGE Bollard

Asymmetric emission LED bollard



		4000K	H(m)	D1(m)	D2(m)	E _{max} (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	
TS1461	I _{max} =427cd/klm	I _{max}	245cd	5	3.19	6.66	8



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): >50000h tq +25°C

ILLUMINOTECHNICAL CHARACTERISTICS

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

Optical efficiency: 33%

Fixture flux: 187lm

Luminous efficacy: 48lm/W

Photobiological safety: Compliant with RG1 low risk group

MECHANICAL CHARACTERISTICS

Powder coated anodised aluminium bollard.

Colour and finish: Ferrite

Dimensions: H=400mm

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: 4W

Power supply: 24Vdc

Insulation Class: CLASS 3

Driver included: NO

Class F: YES

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.

WARRANTY

5 years.

WARNING

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

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.

Targetti Sankey S.r.l.
Via Pratese, 164
50145 Firenze - Italy
Tel: +39 055 37911
targetti.com
targetti@targetti.com

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

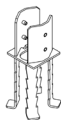
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Related codes

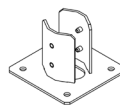
Mounting System



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



Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
79x25x38	14,4W	220-240Vac	24Vdc	IP67	1E4359
140x32x63	75W	220-240Vac	24Vdc	IP67	1T3586
230x87x43	100W	220-240Vac	24Vdc	IP67	1T3587
238x42x67	200W	220-240Vac	24Vdc	IP67	1T3588

Electronic ON-OFF power supply.

Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
122x26x54	17W	220-240Vac	24Vdc	IP68	1E4397EL

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.



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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1E389990 | ZEDGE Bollard

Asymmetric emission LED bollard

Connector



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, 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 1CH 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

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1E389990 | ZEDGE Bollard Asymmetric emission LED bollard

Control systems



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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