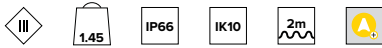
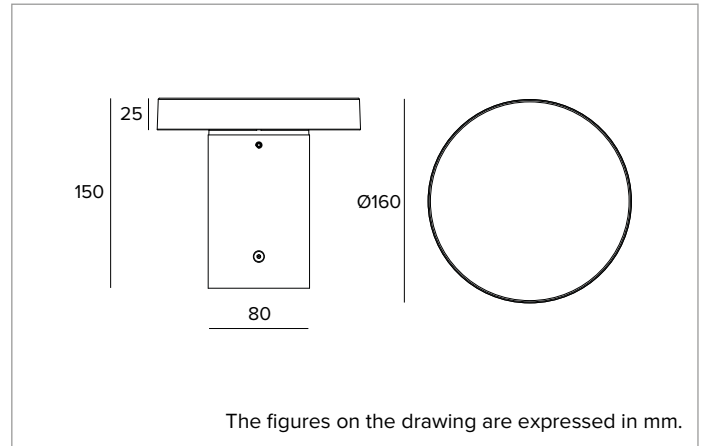


## 1E4356 | MRS BO PATH

### LED mini bollard with radial emission



		4000K	H(m)	D(m)	Emax(lx)
		Ra80		119°	
Fixture Power	10W	1	3.36	133	
Source Flux	1387lm	2	6.73	33	
Fixture Flux	393lm	3	10.09	15	
Efficacy	40lm/W	4	13.46	8	
TS1789	Imax=96cd/klm	Imax	133cd	5	16.82



#### SOURCE

High efficiency Chip on Board LED Ra80. Ra90 on request.

**Energy efficiency class:** D

**Nominal power:** 8,8W

**Nominal flux:** 1387lm

**Colour rendering index:** 80

**Rf:** 82

**Rg:** 95

**CCT nominal:** 4000K

**Lifetime (L80/B10):** >50000h tq +25°C

#### ILLUMINOTECHNICAL CHARACTERISTICS

A high reflectance anodised aluminium printed reflector. Opal polycarbonate diffusive screen.

**Emission:** RADIAL

**Optic:** REFLECTOR

**Optical efficiency:** 28%

**Fixture flux:** 393lm

**Luminous efficacy:** 40lm/W

**Photobiological safety:** Compliant with RG1 low risk group

#### MECHANICAL CHARACTERISTICS

Extruded aluminium body covered with cataphoresis protective treatment and coated with powder painting in Ferrite finish color. Anodized die-cast aluminium optical head.

**Colour and finish:** Ferrite

**Dimensions:** Ø 160mm

**Weight:** 1.45Kg

**Degree of protection:** IP66

**Mechanical Resistance:** IK10

#### ELECTRICAL CHARACTERISTICS

To be completed with the special 24Vdc driver that can be remoted or fit for integrating into the product. Casambi control system available using a dedicated accessory (only with DALI dimmer).

**Fixture Power:** 10W

**Power supply:** 24Vdc

**Insulation Class:** CLASS 3

**Driver included:** NO

**Class F:** YES

**Ambient temperature:** 0°C / +35°C

#### INSTALLATION

Fixing system for the optical head through thrust screws. To be completed with a hidden stainless steel anchoring plate for installation with dowels. It is possible to combine accessory stainless steel 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. 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.*

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## 1E4356 | MRS BO PATH LED mini bollard with radial emission

### Related codes

#### Mounting System



Code

**1E4360**

Hidden fixing plate.  
AISI 316 stainless steel compatible with dowels to be inserted into holes with 8mm diameter.  
0.3Kg.



Code

**1E4034**

Fixing rods for installation in concrete.  
AISI 316 stainless steel.  
H=144mm.  
0.31Kg.  
To install MRS BO PATH with hidden fixing plate (1E4360).

#### Power Supply

Dimensions LxHxP mm	Power	Power supply	Output voltage	IP	Code
79x25x38	14,4W	220-240Vac	24Vdc	IP67	<b>1E4359</b>
185x22x64	50W	220-240Vac	24Vdc	IP20	<b>1T3726</b>
140x32x63	75W	220-240Vac	24Vdc	IP67	<b>1T3586</b>
230x87x43	100W	220-240Vac	24Vdc	IP67	<b>1T3587</b>
238x42x67	200W	220-240Vac	24Vdc	IP67	<b>1T3588</b>

Electronic ON-OFF power supply.  
1E4359 driver fits for integrating into the pole using 1E4184 connector.

### Accessories

#### Connector



Code

**1E4358**

Connection box - Connection in parallel 1IN-2OUT.



Code

**1E4184**

Connection kit 24/48V.

#### Tool



Code

**1E4171**

Microscrewdriver with hexagonal head (diameter 0.9mm) for wiring 1E4184 connection kit.

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## 1E4356 | MRS BO PATH

### LED mini bollard with radial emission

#### 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



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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