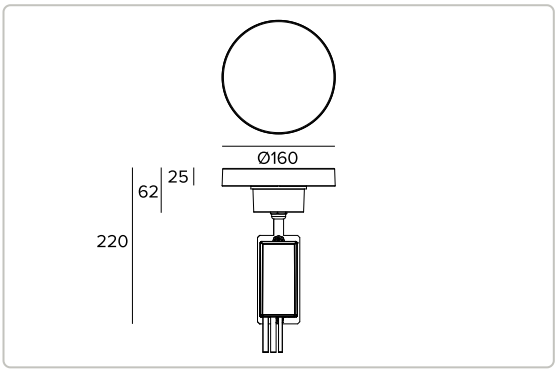
BOLLARDS

Mrs Bo Bollard - Optic head

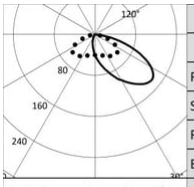
Code
1E4020EL

LIGHT COLOUR	OUTPUT	POWER SUPPLY CONTROL
3500K 80	13W 512lm	220-240Vac ON-OFF

COLOUR



The figures on the drawing are expressed in mm.



3500K		H(m)	D1(m)	D2(m)	Emax(lx)
Ra80			55°	106°	
Fixture Power	13W	1	2.65	4.33	138
Source Flux	2021lm	2	5.30	8.65	35
Fixture Flux	512lm	3	7.95	12.98	15
Efficacy	39lm/W	4	10.60	17.31	9
Imax	287cd	5	13.25	21.64	6

Technical Data

Concept

Radial-emission LED bollard.

Source

Chip on Board LED Ra80. Ra90 on request.	
Energy efficiency class	D
Nominal power	12W
Nominal flux	2021lm
Colour rendering index	80
Rf	83
Rg	95
CCT nominal	3500K
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

A high reflectance anodised aluminium printed reflector. Transparent polycarbonate screen placed horizontally to avoid upwards flow (0 candles above horizontal axis).

Emission	180°
Optical efficiency	25.31%
Fixture flux	512lm
Luminous efficacy	39lm/W
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

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	ØxH 160x29mm
Weight	1.24Kg
Degree of protection	IP66
Mechanical Resistance	IK10

Electrical characteristics

Integrated power supply as electronic ON-OFF version. 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	13W
Power supply	220-240Vac 50/60Hz
Insulation Class	CLASS 2
Type of driver / Control	ON-OFF
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

"Bayonet" fixing system for the optical head. Available with three different height poles - 371, 771 and 971mm. To be completed with a stainless steel anchoring system, available in two versions with hidden plate or surface plate for installation with dowels. On both mounting options can be applied stainless steel rods for installation in concrete.

Notes

Uses the "Waterblock Plus" technical solution that involves resin coating the connection cables and completely resin coating the integrated driver limiting the risk of humidity reaching the fixture. Cataphoresis tratement for the optical head available on request. 110-277Vac version available 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. Replaceable control gear by a professional.

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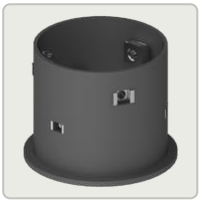
Related codes

Bollard

CODE	COLOUR	H	KG
1E4030	●	371mm	0.8Kg
1E4031	●	771mm	1.6Kg
1E4032	●	971mm	2Kg

Extruded aluminium body covered with cataphoresis protective treatment and coated with powder painting.

Mounting System



CODE

1E4360

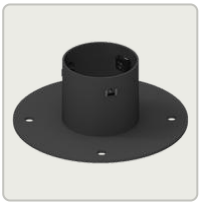
Hidden fixing plate.
AISI 316 stainless steel compatible with dowels to be inserted into holes with 8mm diameter.
0.3Kg.

CODE

1E4034

Fixing rods for installation in concrete.
AISI 316 stainless steel.
H=144mm.
0.31Kg.

To install MRS BO BOLLARD with hidden fixing plate (1E4360).



CODE

1E4035

Fixing plate with flange.
AISI 316 stainless steel compatible with dowels to be inserted into holes with 8.5mm diameter.
0.62Kg.

CODE

1E3450

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

To install MRS BO BOLLARD with fixing plate with flange (1E4035).

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.

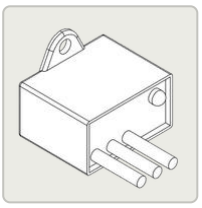
Tool

CODE

1E3305

Tightening wrench for the connector kit.

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

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