

## Mile Bollard 1 900 Mono

New

■ F015H21A030 - Black

Collection of outdoor lighting units with a rigorous, minimal design and LED light source. May be combined with the wall versions in the same collection.

Single- and dual-direction bollards are available in two heights and two sizes based on the light source and required intensity. The rigid frame is made of extruded aluminium without visible screws, and the base raises it above the ground for quick, simple installation.

Available in different finishes with a double layer of powder coating according to the QUALICOAT standard. The first layer of epoxy powder confers chemical and mechanical resistance. The second layer, a polyester powder finish, ensures resistance to UV rays and corrosive atmospheric agents. The painted surfaces are treated with alkiline and acid washes, rinsed with demineralized water, and subjected to chemical conversion treatment to protect against rust.

The anchoring hardware is made of AISI 316L stainless steel.

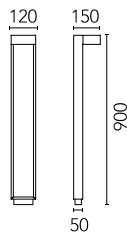
The diffuser is made of transparent, UV-stabilized polycarbonate.

The asymmetric reflecting screen is made of very pure aluminium that has been oxidized and shined. It holds the LED light source in a recessed position to reduce direct glare.

The Bollard versions may be easily installed on any flooring on the ground with anchors, or with the dedicated anchoring plate accessory to completely integrate the base of the product with the pavement.

LED light source included. Integrated 220-240V ON/OFF electrical power. Equipped with a length of neoprene cable and an IP68 2-way anti-condensation H2O stop seal system. The device may be installed on any flooring with anchors. Anchoring plate for installation on flooring laid over concrete sold separately.

110V version upon request.

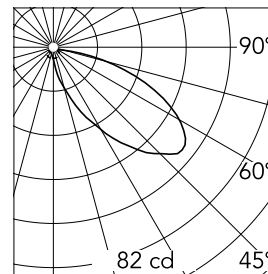


### Main specifications

<b>Lamp category</b>	LED	<b>Mountings</b>	Ground
<b>Power (W)</b>	4.9	<b>Environment</b>	Outdoor wet location
<b>CCT (K)</b>	2700K		
<b>CRI</b>	80		
<b>Net lumen (lm)</b>	283		

### Optical

<b>Lighting type</b>	Direct
<b>Light distribution</b>	Asymmetric
<b>Optical type</b>	Asymmetric
<b>Beam angle (°)</b>	45
<b>Beam angle C90-270 (°)</b>	90



Beam Angle: 45°

h(m)	E(lx)	D(m)
1	82	2.68
2	20	5.36
3	9	8.04
4	5	10.71
5	3	13.39

Luminous flux luminaire  
256 lm



### Electrical

<b>Frequency (Hz)</b>	50-60	<b>Emergency</b>	Without
<b>Voltage (V)</b>	220-240	<b>Insulation class</b>	I
<b>Dimmable</b>	No		
<b>Driver</b>	Integrated		
<b>Driver type</b>	Non Dimmable		

### Physical

<b>Color</b>	Black
<b>Orientation</b>	Fixed
<b>Weight (kg)</b>	2.7

### Note

We recommend using a connection system with a degree of protection greater than or equal to the degree of protection of the luminaire.

During the installation and the maintenance of the fixtures it is important to be careful and avoid damages on the paint coating.

Damages on the coating exposed to outdoor conditions or water, could cause corrosion.

Chemical substances affect the anticorrosion covering protection.

For LED fixtures, there is evidence that most of the damages are connected to electrical effects related to the insulations, which cause destructive electrical discharges

These effects are frequently caused by:

- over voltage coming from the mains' network where fixture is connected.

reduce the intensity of some of these phenomenon and prevent irreversible damages. The selection of the type of device to be used must be adjust on the electrical plant.

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S.P.D. (SURGE PROTECTION DEVICE)  
F990E00A000

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Base plate with bolt  
F015Z000000