




---

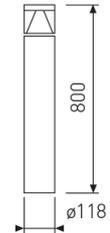
**Dimensions**

Product dimensions (mm)	ø118 x 800
Packing dimensions (mm)	135 x 135 x 820
Net weight (g)	2700
Gross weight (Kg)	2,95

---

**Scheme**

Scheme




---

**Bollard from the TROLL family Polar.**


---

**DESCRIPTION**

Bollard from the TROLL family Polar setting an advanced and innovative thermal balance system through passive dissipation with stable colour temperature of 3000° K (warm white) optimised to be used as lighting outdoor areas such as public squares, parks, gardens or outdoor areas of sport buildings. Designed for to be floor fixed. Luminaire body built in extruded aluminium finished in anthracite. Luminaire is IP65 and IK08. Luminaire built-in a high purity aluminium reflector with frontal opal diffuser with an angle beam of floor washer. Luminaire sets a 9 W LED source with CRI higher than 85 % and a chromatic dispersion lower than 3 SMCD. Fixture has a luminous flux of 521 Lm, with an efficiency of 57,9 Lm/W and a total consumption of 9 W. The average life for the luminaire is 35000 h (stabilised at a minimum flux of 70 % from the original). Luminaire built-in an auxiliary gear ON/OFF fed at 220-240V; 50/60 Hz.

---

Item code	11.7600.0033.22
-----------	-----------------

Product type	OUT
--------------	-----

Category	Bollards
----------	----------

Family	Polar
--------	-------

Subfamily	Polar
-----------	-------

Materials	Luminaire body built in extruded aluminium.
-----------	---

Optical system	Luminaire built-in a high purity aluminium reflector with frontal opal diffuser.
----------------	--

Installation instructions	Luminaire designed for to be floor fixed.
---------------------------	---

---

**Pictograms**



---

**Product**

Real power (W)	9
Real luminous flux (Lm)	521
Luminous efficiency (Lm/W)	57,9
Beam angle (°)	100
Life time (h)	35000
IP	65
IK	8
Electrical class insulation	Class 1
Operating temperature	from -20°C to 40°C
Electrical feeding	220..240V, 50/60Hz
Colour	Anthracite
Energy efficiency class	A

---

**Control gear**

Control gear included	Yes
Control gear	Electronic Control Gear
Factor de potencia	0,9

---

**Light source**

Light source included	Yes
Light source	Led
Nominal power (W)	8
Nominal luminous flux (Lm)	800
Colour temperature (K)	3000
Colour consistency (SDCM)	3
CRI	80

---

**Photometry**

