



#### Dimensions

Product dimensions (mm)	Ø120 x 900
Net weight (g)	5,3

#### Product

Real power (W)	17
Real luminous flux (Lm)	1350
L.O.R. (%)	0,630841121
Luminous efficiency (Lm/W)	79
Beam angle (°)	100
Life time (h)	50000 (L90/B50)
IP	IP65
IK	IK08
Electrical class insulation	Class 1
Operating temperature	from -20°C to 30°C
Electrical feeding	220..240V, 50/60Hz
Colour (RAL)	Black(9005)
Energy efficiency class	A
Diffuser	PMMA opal diffuser

#### Control gear

Control gear included	Yes
Control gear	Electronic Control Gear

#### Light source

Light source included	Yes
Light source	Led
Nominal power (W)	15
Nominal luminous flux (Lm)	2140
Colour temperature (K)	3000
Colour consistency (SDCM)	3
CRI	80

## TOSCA SLIM LED 900 2000 OPAL E 204 830

### DESCRIPTION

Bollard from the TROLL family Tosca slim. Bollard to be used as decorative illumination of walking paths, parks, recreational areas, residential areas and gardens. Outdoor luminaire for assembling on a hardened surface (concrete, pavers or foundation). Body built in aluminium with finishes in Black. Luminaire has a degree of isolation vs. environment of IP65. Luminaire adds in a PMMA opal diffuser to create an asymmetric beam of 100°. Luminaire adds in a 15 W LED source with colour temperature of 3000K, Colour reproduction higher than 80% and a chromatic dispersion lower than 3 SMD. Fixture has an output flux of 1350 Lm, with an efficiency of 79 Lm/W and a total consumption of 17 W. The average life for the luminaire is (h) 50000 [L90/B50]. Luminaire built-in an Electronic Control Gear fed at 220-240V; 50/60 Hz.

Item code	19.3179.0001.04
Product type	Outdoor Lighting
Category	Bollards
Family	Tosca
Subfamily	Tosca Slim
Materials	Body built in aluminium with finishes in Black.
Optical system	Luminaire adds in a PMMA opal diffuser to create an asymmetric beam of 100°.
Installation instructions	Outdoor luminaire for assembling on a hardened surface (concrete, pavers or foundation).