

#### Dimensions

Product dimensions (mm)	Ø210 x 300
Net weight (g)	3,61

#### Product

Real power (W)	15
Real luminous flux (Lm)	1258
L.O.R. (%)	0,630892678
Luminous efficiency (Lm/W)	84
Beam angle (°)	100
Life time (h)	60000 (L80/B10)
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)	Dark grey(7016)
Energy efficiency class	A
Diffuser	PC Clear diffuser

#### Control gear

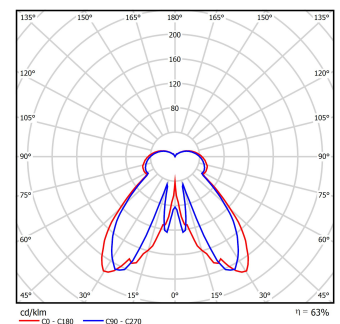
Control gear included	Yes
Control gear	Electronic Control Gear

#### Light source

Light source included	Yes
Light source	Led
Nominal power (W)	13
Nominal luminous flux (Lm)	1994
Colour temperature (K)	3000
Colour consistency (SDCM)	3
CRI	80

#### Photometry

#### Photometry



## TOSCA LED 300 2000 E 22 830

### DESCRIPTION

Bollard from the TROLL family Tosca. Bollard to be used as decorative illumination of walking paths, parks, recreational areas, residential areas and gardens. Outdoor luminary for assembling on a hardened surface (concrete, pavers or foundation). Body built in aluminium with finishes in Dark grey. Luminaire has a degree of isolation vs. environment of IP65. Luminaire adds in a PC Clear diffuser to create an asymmetric beam of 100°. Luminaire adds in a 13 W LED source with colour temperature of 3000K, Colour reproduction higher than 80% and a chromatic dispersion lower than 3 SMDC. Fixture has an output flux of 1258 Lm, with an efficiency of 84 Lm/W and a total consumption of 15 W. The average life for the luminaire is (h) 60000 [L80/B10]. Luminaire built-in an Electronic Control Gear fed at 220-240V; 50/60 Hz.

Item code	19.3178.0001.22
Product type	Outdoor Lighting
Category	Bollards
Family	Tosca
Subfamily	Tosca
Materials	Body built in aluminium with finishes in Dark grey.
Optical system	Luminaire adds in a PC Clear diffuser to create an asymmetric beam of 100°.
Installation instructions	Outdoor luminary for assembling on a hardened surface (concrete, pavers or foundation).