

Dimensions

Product dimensions (mm)	Ø210 x 300
Net weight (g)	4,4

Product

Real power (W)	15
Real luminous flux (Lm)	1338
L.O.R. (%)	0,630834512
Luminous efficiency (Lm/W)	89
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

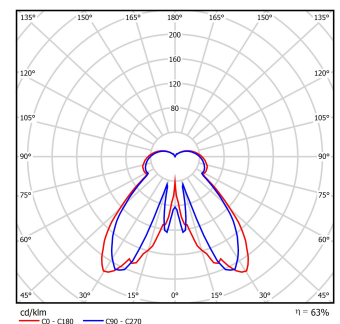
Control gear included	Yes
Control gear	Electronic Control Gear

Light source

Light source included	Yes
Light source	Led
Nominal power (W)	13
Nominal luminous flux (Lm)	2121
Colour temperature (K)	4000
Colour consistency (SDCM)	3
CRI	80

Photometry

Photometry



TOSCA LED 300 2000 E 22 840

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 4000K, Colour reproduction higher than 80% and a chromatic dispersion lower than 3 SMDC. Fixture has an output flux of 1338 Lm, with an efficiency of 89 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	19.3178.0002.22
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).