



#### Dimensions

Product dimensions (mm)	200 x 120 x 300
Net weight (g)	1,8

#### Product

Real power (W)	14
Real luminous flux (Lm)	1224
L.O.R. (%)	0,68
Luminous efficiency (Lm/W)	87
Beam angle (°)	25
Life time (h)	100000 (L80/B10)
IP	IP65
IK	IK03
Electrical class insulation	Class 1
Operating temperature	from -25°C to 30°C
Electrical feeding	220..240V, 50/60Hz
Colour (RAL)	Silver(9006)
Energy efficiency class	A+

## KUBIK 2D LED 1800 SYM E IP65 21 840 / L-300

### DESCRIPTION

Bollard from the TROLL family KUBIK Pole 2D. 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 Silver. Luminaire has a degree of isolation vs. environment of IP65. Luminaire adds in a PMMA lens to offer a wide beam with 25°. Luminaire adds in a 13 W LED source with colour temperature of 4000K, Colour reproduction higher than 80% and a chromatic dispersion lower than 2 SMDC. Fixture has an output flux of 1224 Lm, with an efficiency of 87 Lm/W and a total consumption of 14 W. The average life for the luminaire is (h) 100000 [L80/B10]. Luminaire built-in an Electronic Control Gear fed at 220-240V; 50/60 Hz.

Item code	19.3147.0001.21
Product type	Outdoor Lighting
Category	Bollards
Family	Kubik Pole
Subfamily	Kubik Pole 2D
Materials	Body built in aluminium with finishes in Silver.
Optical system	Luminaire adds in a PMMA lens to offer a wide beam with 25°.
Installation instructions	Outdoor luminaire for assembling on a hardened surface (concrete, pavers or foundation).

#### 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)	1800
Colour temperature (K)	4000
Colour consistency (SDCM)	2
CRI	80