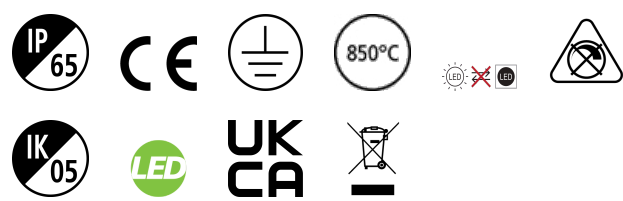


START eco Bollard L-Shape M IP65

620lm 830 BLK

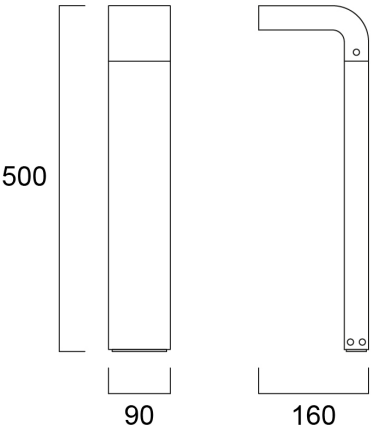
Item No: 0047951



Exterior integrated LED bollard, Decorative bollard with a sleek design, Metal - Aluminium housing - RAL9005, 620LM, 8W, 78lm/W, 3000K, Electronic driver, Driver Current: 60mA, CRI80, IP65, IK05, 30,000hrs (L70), (HxWxD) 500x160x90mm, 5 step MacAdam ellipse, 1.53 kg, RAL 9005, Class 1, 220-240V, energy class: A++, A+, A

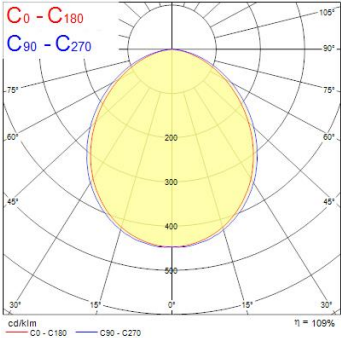
Technical Assets

Dimensions (mm)



Photometrics

Distance (m)	Cone diameter (m)	Beam angle (°)	Beam diameter (m)	Beam diameter (ft)	Beam diameter (in)	Beam diameter (mm)	Beam diameter (cm)	Beam diameter (in)	Beam diameter (mm)
0.5	1.22	1.13	1.13	3.71	12.17	1217	121.7	12.17	1217
1.0	2.44	2.25	2.25	7.34	23.75	2375	237.5	23.75	2375
1.5	3.67	3.38	3.38	11.05	35.60	3560	356.0	35.60	3560
2.0	4.89	4.51	4.51	14.75	47.74	4774	477.4	47.74	4774
2.5	6.11	5.63	5.63	18.41	59.75	5975	597.5	59.75	5975
3.0	7.33	6.76	6.76	22.07	71.76	7176	717.6	71.76	7176
Illuminance (lx)									
C0 - C180 (Half beam angle: 96.8°)									
C90 - C270 (Half beam angle: 101.4°)									



START eco Bollard L-Shape M IP65

620lm 830 BLK

Item No: 0047951



General data

Product name	START eco Bollard L-Shape M IP65 620lm 830 BLK
Technology	LED
Cap/Base	N/A
Housing	Aluminium
General application	Residential & Consumer
Operating temperature range (°C)	-20°C...+45°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC000301
Warranty	3 years

Optical data

Useful luminous flux (Φuse)	620
Fixture luminous flux (lm)	620
Luminaire efficacy (lm/W)	78
Correlated colour temperature (k)	3000
Colour Code	830
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	92
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	8
Current (A)	0.064
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.57
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	120.0
Electrical protection	Class I
Dimmable	No
Drive current (mA)	60
Inrush Current (A)	10
Inrush Duration (µs)	250
Energy Efficiency Class (A->G) of contained light source	F
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. products per 10A C Breaker	60
Max. products per 13A C Breaker	80
Max. products per 16A C Breaker	100
Max. products per 20A C Breaker	120

Lifetime data

Lifespan L70 B50	30000
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Physical data

Housing colour	RAL 9005 - Jet black
IP rating	IP65
IK rating	IK05
Diffuser finish	Transparent
Diffuser material	Glass
Nominal Product Length (mm)	90
Nominal Product Width (mm)	160
Nominal Product Height (mm)	500
Weight (kg)	1.52

START eco Bollard L-Shape M IP65 620lm 830 BLK

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Packaging

Product EAN number	5410288479514
Packaging single length / height (cm)	53.5
Packaging single width (cm)	19.5
Packaging single depth (cm)	12.5
DUN14 (inner)	15410288479511
Units per outer package	3
Packaging outer length / height (cm)	21.5
Packaging outer width (cm)	55.5
Packaging outer depth (cm)	39.5

Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	-20-45