

Start eco Bollard L-Shape M IP65

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

0047951



Product features

- 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



PRODUCT OVERVIEW

IPC Code	0047951
Product name	START eco Bollard L-Shape M IP65 620lm 830 BLK
Technology	LED
Housing	Aluminium
General application	Residential & Consumer
Certifications	EUNEW009
ETIM Class	EC000301
Fixture luminous flux (lm)	620
Luminaire efficacy (lm/W)	78
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Beam Angle (°)	92
Photobiological Risk Group	RG1
Total power consumption (W)	8
Electrical protection	Class I
Dimmable	No
LED Flickering Rate	Low (6% - 20%)
Average life (Nominal) (h)	30000
Housing colour	RAL 9005 - Jet black
IP rating	IP65
IK rating	IK05
Product EAN number	5410288479514
Lamps	No

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DATA TABLE

General data

IPC Code	0047951
Product name	START eco Bollard L-Shape M IP65 620lm 830 BLK
Technology	LED
Housing	Aluminium
General application	Residential & Consumer
Operating temperature range (°C)	-20°C - 45°C
Certifications	EUNEW009
ETIM Class	EC000301

Optical data

Fixture luminous flux (lm)	620
Luminaire efficacy (lm/W)	78
Colour temperature (K)	3000
Colour Code	830
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	6
Beam Angle (°)	92
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	8
Current (A)	0.064
Mains voltage (V)	220-240V~
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
Glow Wire Test (°C)	850
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Low (6% - 20%)
Max. Luminaires per 10A C Breaker	60
Max. Luminaires per 13A C Breaker	80
Max. Luminaires per 16A C Breaker	100
Max. Luminaires per 20A C Breaker	120

Lifetime data

Lumen maintenance - L70 B50	30000
Lumen maintenance - L80 B50	20000
Lumen maintenance - L80 B20	18000
Lumen maintenance - L80 B10	15000
Lumen maintenance - L90 B50	12000

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Lumen maintenance - L90 B20	11000
Lumen maintenance - L90 B10	10000
Average life (Nominal) (h)	30000

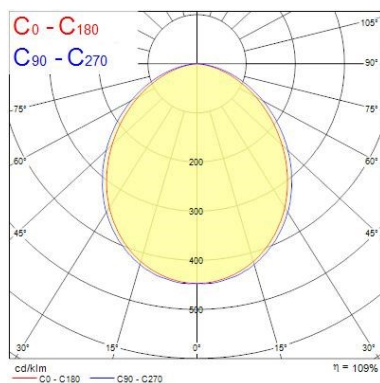
Physical data

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

Packaging

Single packaging type	Carton
Product EAN number	5410288479514
Packaging single length / height (cm)	53.5
Packaging single width (cm)	19.5
Packaging single depth (cm)	12.5
DUN14 (outer)	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

PHOTOMETRY



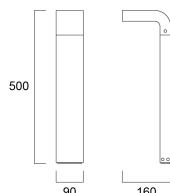
Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam angle [°]	Illuminance [lx]
0.5	1.22 1.13	1.13 1.04	96.8° 88.4°	1113 142 183
1.0	2.44 2.25	2.25 2.08	96.8° 88.4°	278 85 41
1.5	3.67 3.38	3.38 3.12	96.8° 88.4°	124 16 10
2.0	4.89 4.51	4.51 4.08	96.8° 88.4°	70 9 10
2.5	6.11 5.63	5.63 5.08	96.8° 88.4°	46 6 7
3.0	7.33 6.76	6.76 6.12	96.8° 88.4°	31 4 5

TECHNICAL DRAWINGS

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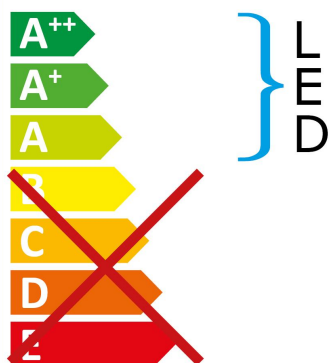


SYLVANIA

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This luminaire
contains built-in LED
lamps



The lamps cannot be
changed in the luminaire.

874/2012



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