

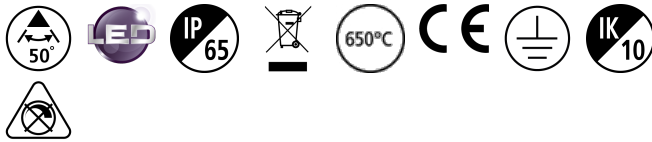
Start eco Bollard Rectangular M IP65

START eco Bollard Rectangular M IP65 780lm 830 BLK

0047930

Product features

- Exterior integrated LED bollard, Decorative bollard with a sleek design, Metal - Aluminium housing - RAL9005, 780LM, 13W, 60lm/W, 3000K, Electronic driver, Driver Current: 300mA, CRI80, IP65, IK10, 30,000hrs (L70), (HxWxD) 500x80x190mm, 5 step MacAdam ellipse, 3 kg, RAL 9005, Class 1, 220-240V, energy class: A++, A+, A



PRODUCT OVERVIEW

IPC Code	0047930
Product name	START eco Bollard Rectangular M IP65 780lm 830 BLK
Technology	LED
Housing	Metal- aluminum
Fixture rating	Enclosed
General application	Residential & Consumer
Certifications	EUNEW009
ETIM Class	EC000301
Fixture luminous flux (lm)	780
Luminaire efficacy (lm/W)	60
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Beam Angle (°)	50
Photobiological Risk Group	RG1
Total power consumption (W)	13
Electrical protection	Class I
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Average life (Nominal) (h)	30000
Housing colour	Black-RAL9005
IP rating	IP65
IK rating	IK10
Product EAN number	5410288479309
Lamps	No

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DATA TABLE

General data

IPC Code	0047930
Product name	START eco Bollard Rectangular M IP65 780lm 830 BLK
Technology	LED
Housing	Metal- aluminum
Fixture rating	Enclosed
General application	Residential & Consumer
Operating temperature range (°C)	-10 to +50
Certifications	EUNEW009
ETIM Class	EC000301

Optical data

Fixture luminous flux (lm)	780
Luminaire efficacy (lm/W)	60
Colour temperature (K)	3000
Colour Code	830
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Beam Angle (°)	50
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	13
Current (A)	0.11
Mains voltage (V)	220-240V~
Lamp power factor	0.5
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	145.0
Electrical protection	Class I
Dimmable	No
Drive current (mA)	300
Inrush Current (A)	10
Inrush Duration (µs)	200
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	30
Max. Luminaires per 13A C Breaker	40
Max. Luminaires per 16A C Breaker	50
Max. Luminaires per 20A C Breaker	60

Lifetime data

Lumen maintenance - L70 B50	30000
Lumen maintenance - L80 B50	21000
Lumen maintenance - L80 B20	19000
Lumen maintenance - L80 B10	17000

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Lumen maintenance - L90 B50	15000
Lumen maintenance - L90 B20	12000
Lumen maintenance - L90 B10	10000
Average life (Nominal) (h)	30000

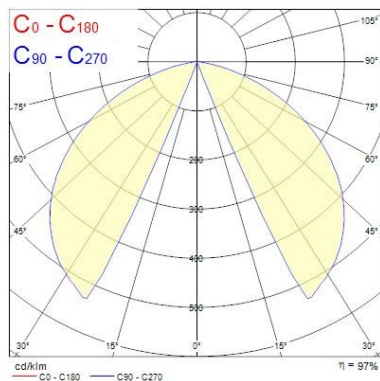
Physical data

Housing colour	Black-RAL9005
IP rating	IP65
IK rating	IK10
Diffuser finish	Clear
Diffuser material	Glass
Nominal Product Length (mm)	190
Nominal Product Width (mm)	80
Nominal Product Height (mm)	500
Weight (kg)	3.04

Packaging

Single packaging type	Carton
Product EAN number	5410288479309
Packaging single length / height (cm)	54.5
Packaging single width (cm)	24.0
Packaging single depth (cm)	13.0
DUN14 (outer)	15410288479306
Units per outer package	2
Packaging outer length / height (cm)	28.0
Packaging outer width (cm)	56.0
Packaging outer depth (cm)	25.5

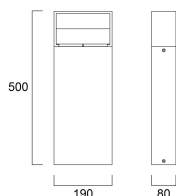
PHOTOMETRY



TECHNICAL DRAWINGS

Start eco Bollard Rectangular M IP65

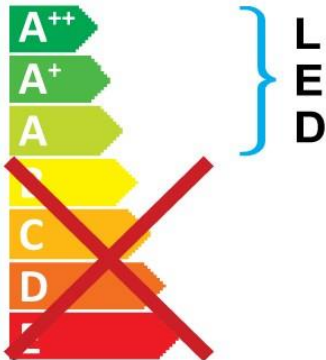
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SYLVANIA 0047930



This luminaire contains built in LED lamps.



A++
A+
A
B
C
D
E

LED

The lamps cannot be changed in the luminaire.

874/2012 

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