

## 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

|                                 |  |
|---------------------------------|--|
| Product name                    | START eco Bollard L-Shape M IP65 620lm 830 BLK |
| Technology                      | LED  |
| Housing                         | Aluminium                                      |
| General application             | Residential & Consumer                         |
| ETIM Class                      | EC000301                                       |
| Warranty                        | 3 years  |
| 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) | SDCM6  |
| Beam Angle (°)                  | 92   |
| Photobiological Risk Group      | RG1  |
| Total power consumption (W)     | 8  |
| Electrical protection           | Class I  |
| Dimmable                        | No   |
| LED Flickering Rate             | Low (6% - 20%)                                 |
| Housing colour                  | RAL 9005 - Jet black                           |
| IP rating                       | IP65   |
| IK rating                       | IK05   |
| Product EAN number              | 5410288479514                                  |

## Start eco Bollard L-Shape M IP65

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

0047951

### DATA TABLE

#### General data

|   |  |
|---|--|
| 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                                  |
| Performance ambient temperature Tq (°C) | 25   |
| ETIM Class                              | EC000301                                       |
| Warranty                                | 3 years  |

#### 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) | SDCM6      |
| 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

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 30000 |
|------------------|-------|

#### Physical data

|                |                      |
|----------------|----------------------|
| Housing colour | RAL 9005 - Jet black |
|----------------|----------------------|

## Start eco Bollard L-Shape M IP65

*START eco Bollard L-Shape M IP65 620lm 830 BLK*  
0047951

|                             |             |
|-----------------------------|-------------|
| 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        |

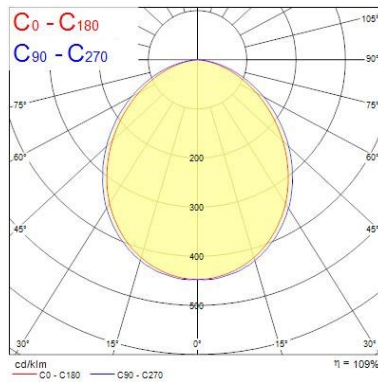
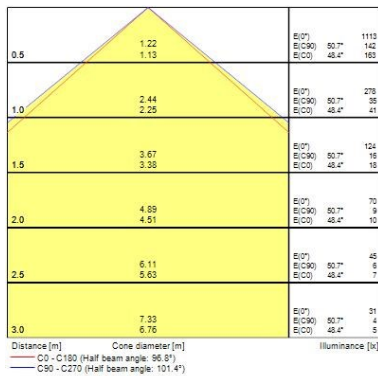
### Packaging

|                                       |                |
|---------------------------------------|----------------|
| 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           |

### Safety data

|                                  |        |
|----------------------------------|--------|
| Optimal operating condition (°C) | -20-45 |
|----------------------------------|--------|

## PHOTOMETRY



## TECHNICAL DRAWINGS

