



Features

- Integrated LED bollard, contemporary design on a classic bollard, 1100LM, 19W, 58lm/W, integrated switch allows to choose between warm white (3000K) and neutral white (4000K) colour temperatures, CRI80, IP65, IK10, 90,000hrs L80B10 Lifespan, 1000x168x168mm (HxWxD), 5 step MacAdam ellipse, 7kg, RAL 7016 Anthracite grey colour, Class I safety class, -25 to +50°C operating temperature range, 1000 hrs salt spray test.

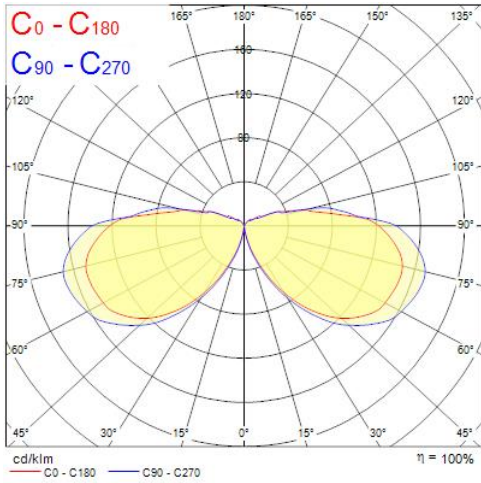
Product Overview

| | |
|---------------------------------|---|
| Product name | START Bollard IP65 1100lm 830/840 Grey |
| Technology | LED |
| Cap/Base | N/A |
| Housing | Aluminium |
| Mount | Floor standing |
| General application | Education, Hospitality, Logistics & Industry, Museums & Galleries, Office, Residential & Consumer |
| ETIM Class | EC000301 |
| E-number FI | 4579641 |
| Fixture luminous flux (lm) | 1100 |
| Luminaire efficacy (lm/W) | 58 |
| Light colour | Warm White or Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | 5 |
| Beam Angle (°) | 57 |
| Photobiological Risk Group | RG1 |
| Total power consumption (W) | 19 |
| Electrical protection | Class I |

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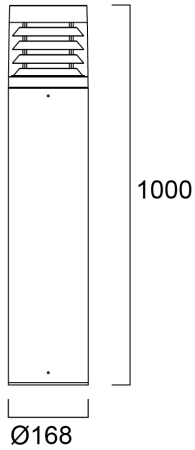
| | |
|-----------------------------|----------------|
| Dimmable | No |
| LED Flickering Rate | Low (6% - 20%) |
| Housing colour | RAL7016 |
| IP rating | IP65 |
| IK rating | IK10 |
| Product EAN number | 5410288479743 |
| Warranty | 5 years |
| Useful luminous flux (#use) | 1100 |
| Dimming method | N/A |

Photometry



START Bollard IP65 1100lm 830/840 Grey 0047974

Technical drawings



Data table

GENERAL DATA

| | |
|---|---|
| Product name | START Bollard IP65 1100lm 830/840 Grey |
| Technology | LED |
| Cap/Base | N/A |
| Housing | Aluminium |
| Mount | Floor standing |
| General application | Education, Hospitality, Logistics & Industry, Museums & Galleries, Office, Residential & Consumer |
| Operating temperature range (°C) | -25°C...+50°C |
| ETIM Class | EC000301 |
| E-number FI | 4579641 |
| Warranty | 5 years |

OPTICAL DATA

| | |
|------------------------------------|------|
| Useful luminous flux (#use) | 1100 |
| Fixture luminous flux (lm) | 1100 |

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| | |
|---|-----------------------------|
| Luminaire efficacy (lm/W) | 58 |
| Correlated colour temperature range (K) | 3000 - 4000 |
| Light colour | Warm White or Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | 5 |
| Beam Angle (°) | 57 |
| Photobiological Risk Group | RG1 |

ELECTRICAL DATA

| | |
|--|----------------|
| Total power consumption (W) | 19 |
| Primary Supply/Product voltage - min (V) | 220.0 |
| Primary Supply/Product voltage - max (V) | 240 |
| Lamp power factor | 0.92 |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 15 |
| Electrical protection | Class I |
| Control gear required | No |
| Dimmable | No |
| Dimming method | N/A |
| Drive current (mA) | 500 |
| Inrush Current (A) | 15 |
| Inrush Duration (µs) | 350 |
| Glow Wire Test (°C) | 650 |
| Energy Efficiency Class (A->G) of contained light source | C |
| Nominal Frequency (Hz) | 50/60Hz |
| LED Flickering Rate | Low (6% - 20%) |
| Max. products per 10A C Breaker | 64 |
| Max. products per 13A C Breaker | 82 |
| Max. products per 16A C Breaker | 102 |
| Max. products per 20A C Breaker | 128 |
| Max. products per 10A B Breaker | 40 |
| Max. products per 13A B Breaker | 52 |
| Max. products per 16A B Breaker | 64 |
| Max. products per 20A B Breaker | 80 |

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LIFETIME DATA

| | |
|------------------|-------|
| Lifespan L70 B50 | 90000 |
| Lifespan L80 B50 | 90000 |
| Lifespan L80 B20 | 90000 |

PHYSICAL DATA

| | |
|-------------------------------|------------------|
| Housing colour | RAL7016 |
| IP rating | IP65 |
| IK rating | IK10 |
| Diffuser finish | Transparent |
| Diffuser material | PC Polycarbonate |
| Nominal Product Height (mm) | 1000 |
| Nominal Product Diameter (mm) | 168 |
| Weight (kg) | 7.0 |

PACKAGING

| | |
|---------------------------------------|----------------|
| Product EAN number | 5410288479743 |
| Packaging single length / height (cm) | 102.0 |
| Packaging single width (cm) | 18.0 |
| Packaging single depth (cm) | 18.0 |
| DUN14 (outer) | 05410288479743 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 102.0 |
| Packaging outer width (cm) | 18.0 |
| Packaging outer depth (cm) | 18.0 |

SAFETY DATA

| | |
|-------------------------------------|--------|
| Optimal operating condition (°C) | -25-50 |
| Special purpose lamp | No |
| Dry applications use only | No |
| Suitable for household illumination | No |