

START Waterproof Slim

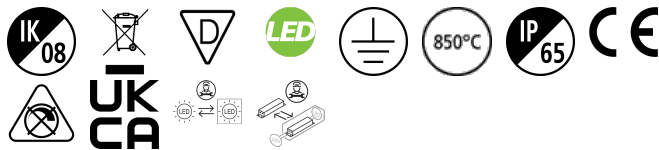
START Waterproof Slim 1500 IP65 7200lm 840

0046372



Product features

- START Waterproof Slim is a LED integrated polycarbonate housing luminaire with easy to access electrical terminal through bayonet lock end caps and tool-free electrical connection due to push-in terminal. Flexible installation as mounting brackets can be positioned freely on the luminaire. 53W; 7200lm; High efficiency with 136lm/W and 100,000 hours lifespan L70B50. SDCM < 5; IP65; IK08; Class I; 1488mm x 70mm x 69mm.



PRODUCT OVERVIEW

| | |
|---------------------------------|--|
| Product name | START Waterproof Slim 1500 IP65 7200lm 840 |
| Technology | LED |
| Cap/Base | N/A |
| Housing | PC Polycarbonate |
| Mount | Ceiling surface mounting |
| General application | Logistics & Industry |
| ETIM Class | EC002892 |
| E-number FI | 4357078 |
| Warranty | 5 years |
| Fixture luminous flux (lm) | 7200 |
| Luminaire efficacy (lm/W) | 136 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM5 |
| Beam Angle (°) | 120 |
| Photobiological Risk Group | RG0 |
| Total power consumption (W) | 53 |
| Electrical protection | Class I |
| Control gear type | LED driver constant current |
| Dimmable | No |
| Dimming method | N/A |
| Housing colour | Grey |
| IP rating | IP65 |
| IK rating | IK08 |
| Product EAN number | 5410288463728 |

DATA TABLE

General data

| | |
|--------------|--|
| Product name | START Waterproof Slim 1500 IP65 7200lm 840 |
| Technology | LED |
| Cap/Base | N/A |
| Housing | PC Polycarbonate |

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| | |
|---|--------------------------|
| Mount | Ceiling surface mounting |
| General application | Logistics & Industry |
| Operating temperature range (°C) | -25°C...+50°C |
| Performance ambient temperature Tq (°C) | 25 |
| ETIM Class | EC002892 |
| E-number FI | 4357078 |
| Warranty | 5 years |

Optical data

| | |
|---------------------------------|---------------|
| Fixture luminous flux (lm) | 7200 |
| Luminaire efficacy (lm/W) | 136 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM5 |
| Beam Angle (°) | 120 |
| Distribution type | Diffuse |
| Photobiological Risk Group | RG0 |

Electrical data

| | |
|--|-----------------------------|
| Total power consumption (W) | 53 |
| Mains voltage (V) | 220-240V |
| Lamp power factor | 1 |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % | 20 |
| Electrical protection | Class I |
| Control gear required | No |
| Control gear type | LED driver constant current |
| No. Of switching cycles before premature failures | >50000 |
| Transformer required | No |
| Dimmable | No |
| Dimming method | N/A |
| Drive current (mA) | 290 |
| Inrush Current (A) | 19 |
| Inrush Duration (µs) | 88 |
| Glow Wire Test (°C) | 850 |
| Energy Efficiency Class (A->G) of contained light source | D |
| Nominal Frequency (Hz) | 50/60Hz |
| Max. Luminaires per 10A C Breaker | 20 |
| Max. Luminaires per 13A C Breaker | 26 |
| Max. Luminaires per 16A C Breaker | 32 |
| Max. Luminaires per 20A C Breaker | 40 |
| Max. Luminaires per 10A B Breaker | 14 |
| Max. Luminaires per 13A B Breaker | 18 |
| Max. Luminaires per 16A B Breaker | 23 |
| Max. Luminaires per 20A B Breaker | 30 |

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Lifetime data

| | |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L70 B20 | 100000 |
| Lifespan L70 B10 | 100000 |
| Lifespan L80 B50 | 90000 |
| Lifespan L80 B20 | 80000 |
| Lifespan L80 B10 | 70000 |
| Lifespan L90 B50 | 38000 |
| Lifespan L90 B20 | 36000 |
| Lifespan L90 B10 | 34000 |

Physical data

| | |
|-----------------------------|------------------|
| Housing colour | Grey |
| IP rating | IP65 |
| IK rating | IK08 |
| Diffuser finish | Frosted |
| Diffuser material | PC Polycarbonate |
| Nominal Product Length (mm) | 1488 |
| Nominal Product Width (mm) | 70 |
| Nominal Product Height (mm) | 69 |
| Weight (kg) | 1.24 |

Packaging

| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5410288463728 |
| Packaging single length / height (cm) | 151.8 |
| Packaging single width (cm) | 7.3 |
| Packaging single depth (cm) | 7.4 |
| DUN14 (outer) | 15410288463725 |
| Units per outer package | 9 |
| Packaging outer length / height (cm) | 153.3 |
| Packaging outer width (cm) | 23.6 |
| Packaging outer depth (cm) | 24.4 |

Safety data

| | |
|----------------------------------|--------|
| Optimal operating condition (°C) | -25-50 |
|----------------------------------|--------|

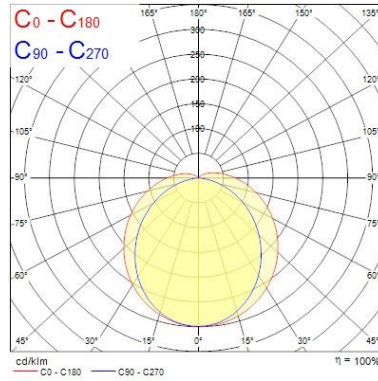
PHOTOMETRY

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| | | | |
|-----|---------------|--------------------------|--------------------|
| 0.5 | 1.22 2.14 | E(0°) E(C90) E(C0) | 2999 391 113 |
| 1.0 | 2.44 4.29 | E(0°) E(C90) E(C0) | 748 96 29 |
| 1.5 | 3.67 6.43 | E(0°) E(C90) E(C0) | 333 42 13 |
| 2.0 | 4.89 8.58 | E(0°) E(C90) E(C0) | 187 24 7 |
| 2.5 | 6.11 10.72 | E(0°) E(C90) E(C0) | 120 15 5 |
| 3.0 | 7.33 12.87 | E(0°) E(C90) E(C0) | 83 11 3 |

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 130.0°)
— C90 - C270 (Half beam angle: 101.4°)



TECHNICAL DRAWINGS

