

# START Waterproof Slim 1500 IP65 3800lm 840

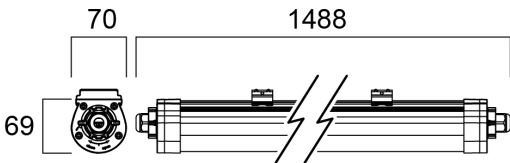
Item No: 0046371



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. 28W; 3800lm; High efficiency with 136lm/W and 100,000 hours lifespan L70B50. SDCM < 5; IP65; IK08; Class I; 1488mm x 70mm x 69mm.

## Technical Assets

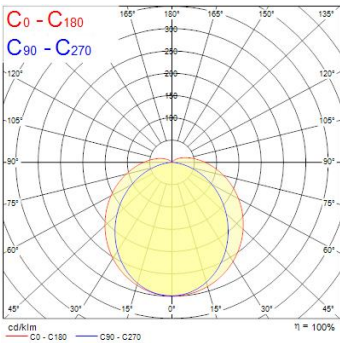
### Dimensions (mm)



### Photometrics

| Distance [m] | Cone diameter [m] | E(0°)       | E(C90)         | E(C180) |
|--------------|-------------------|-------------|----------------|---------|
| 0.5          | 1.22<br>2.14      | 2993<br>591 | 80.7°<br>85.0° | 113     |
| 1.0          | 2.44<br>4.29      | 748<br>28   | 80.7°<br>85.0° | 42      |
| 1.5          | 3.67<br>6.43      | 333<br>12   | 80.7°<br>85.0° | 15      |
| 2.0          | 4.89<br>8.59      | 197<br>7    | 80.7°<br>85.0° | 11      |
| 2.5          | 6.11<br>10.72     | 120<br>6    | 80.7°<br>85.0° | 8       |
| 3.0          | 7.33<br>12.87     | 83<br>5     | 80.7°<br>85.0° | 6       |

Distance [m] Cone diameter [m]  
C0 - C180 (Half beam angle: 130.0°)  
C90 - C270 (Half beam angle: 101.4°)



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## General data

|                                         |                                            |
|-----------------------------------------|--------------------------------------------|
| Product name                            | START Waterproof Slim 1500 IP65 3800lm 840 |
| Technology                              | LED                                        |
| Cap/Base                                | N/A                                        |
| Housing                                 | PC Polycarbonate                           |
| 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                             | 4357077                                    |
| Warranty                                | 5 years                                    |

## Optical data

|                                   |               |
|-----------------------------------|---------------|
| Fixture luminous flux (lm)        | 3800          |
| Luminaire efficacy (lm/W)         | 136           |
| Correlated 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)                                      | 28                          |
| Primary Supply/Product voltage - min (V)                         | 220                         |
| Primary Supply/Product voltage - max (V)                         | 240                         |
| 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                      |
| Dimmable                                                         | No                          |
| Dimming method                                                   | N/A                         |
| Drive current (mA)                                               | 290                         |
| Inrush Current (A)                                               | 15                          |
| Inrush Duration (µs)                                             | 85                          |
| Energy Efficiency Class (A->G) of contained light source         | E                           |
| Nominal Frequency (Hz)                                           | 50/60Hz                     |
| Max. products per 10A C Breaker                                  | 31                          |
| Max. products per 13A C Breaker                                  | 40                          |
| Max. products per 16A C Breaker                                  | 48                          |
| Max. products per 20A C Breaker                                  | 60                          |
| Max. products per 10A B Breaker                                  | 21                          |
| Max. products per 13A B Breaker                                  | 27                          |
| Max. products per 16A B Breaker                                  | 32                          |
| Max. products per 20A B Breaker                                  | 40                          |

## Lifetime data

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
|------------------|--------|

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### 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

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288463711  |
| Packaging single length / height (cm) | 151.8          |
| Packaging single width (cm)           | 7.3            |
| Packaging single depth (cm)           | 7.4            |
| DUN14 (inner)                         | 15410288463718 |
| 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

|                                  |        |
|----------------------------------|--------|
| Glow Wire Test (°C)              | 850    |
| Optimal operating condition (°C) | -25-50 |