

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. 7300 / 3800lm (selected by DIP switch), 52.5 / 26W, 139 / 146lm/W and 100,000 hours lifespan L70B50. SDCM < 5; IP66; IK08; Class II; 1540mm x 70mm x 73mm.

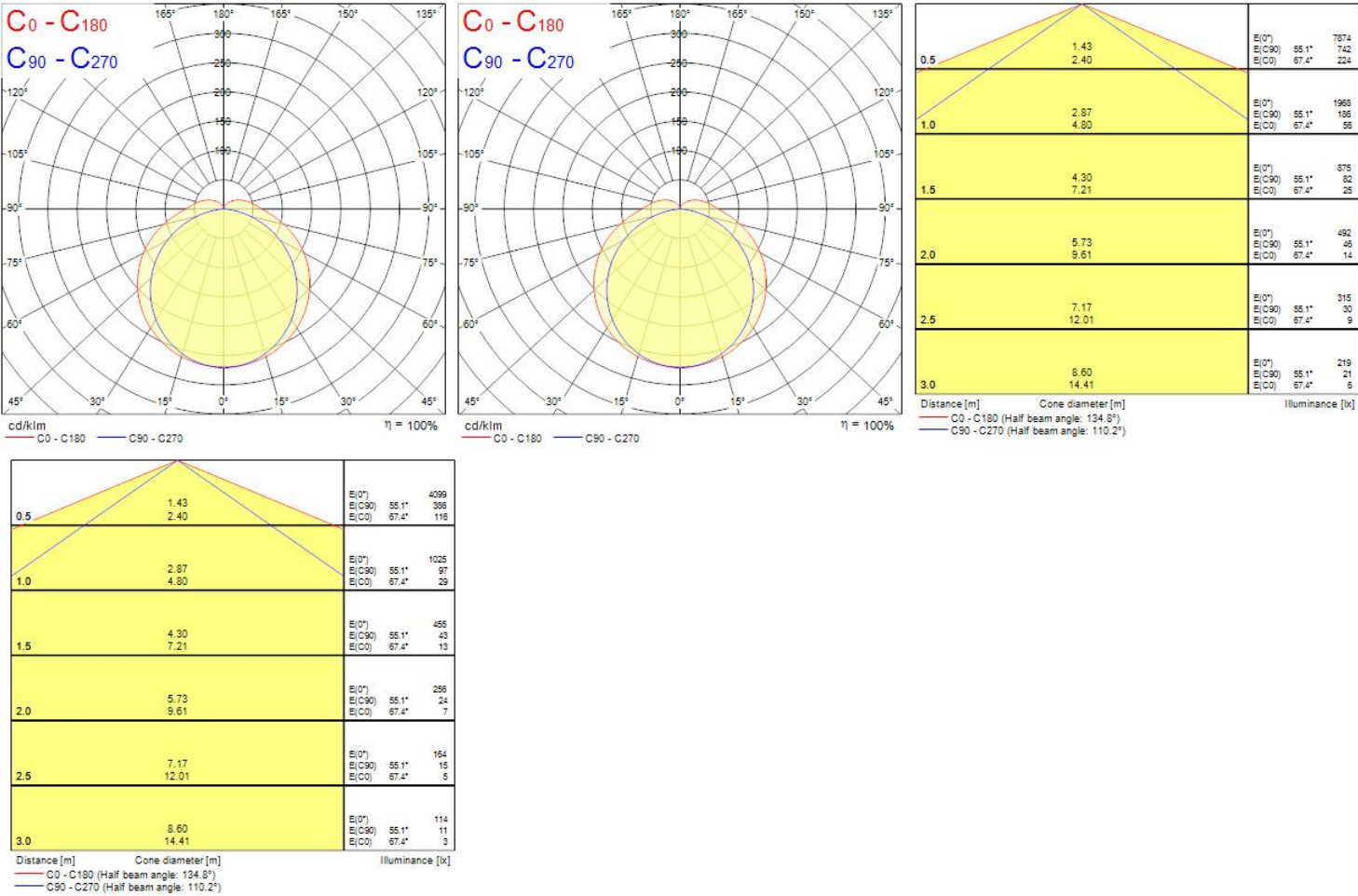
Product Overview

|                                   |                                                 |
|-----------------------------------|-------------------------------------------------|
| Product name                      | START Waterproof Slim 1500 IP66 3800/7300lm 840 |
| Technology                        | LED                                             |
| Cap/Base                          | N/A                                             |
| Housing                           | PC Polycarbonate                                |
| Mount                             | Ceiling surface mounting, Wall surface mounted  |
| General application               | Logistics & Industry                            |
| ETIM Class                        | EC002892                                        |
| E-number FI                       | 4357161                                         |
| Fixture luminous flux (lm)        | 7300                                            |
| Luminaire efficacy (lm/W)         | 139                                             |
| Correlated colour temperature (k) | 4000                                            |
| Light colour                      | Neutral White                                   |
| CRI (Ra)                          | 80                                              |
| Colour Variation Initial (SDCM)   | 5                                               |
| Beam Angle (°)                    | 120                                             |
| Photobiological Risk Group        | RG0                                             |
| Total power consumption (W)       | 52.5                                            |
| Electrical protection             | Class II                                        |
| Control gear type                 | LED driver constant current                     |
| Dimmable                          | Yes with restrictions                           |

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|                     |                        |
|---------------------|------------------------|
| LED Flickering Rate | Ultra low (5% or less) |
| Housing colour      | RAL7035                |
| IP rating           | IP66                   |
| IK rating           | IK08                   |
| Product EAN number  | 5410288464275          |
| Warranty            | 5 years                |
| Dimming method      | Other                  |

Photometry



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Technical drawings



Data table

GENERAL DATA

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| Product name                     | START Waterproof Slim 1500 IP66 3800/7300lm 840 |
| Technology                       | LED                                             |
| Cap/Base                         | N/A                                             |
| Housing                          | PC Polycarbonate                                |
| Mount                            | Ceiling surface mounting, Wall surface mounted  |
| General application              | Logistics & Industry                            |
| Operating temperature range (°C) | -25°C...+50°C                                   |
| ETIM Class                       | EC002892                                        |
| E-number FI                      | 4357161                                         |
| Warranty                         | 5 years                                         |

OPTICAL DATA

|                                   |               |
|-----------------------------------|---------------|
| Fixture luminous flux (lm)        | 7300          |
| Luminaire efficacy (lm/W)         | 139           |
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 80            |
| Colour Variation Initial (SDCM)   | 5             |
| Beam Angle (°)                    | 120           |
| Distribution type                 | Symmetric     |

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|                            |     |
|----------------------------|-----|
| Photobiological Risk Group | RG0 |
|----------------------------|-----|

### ELECTRICAL DATA

|                                                                       |                             |
|-----------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                           | 52.5                        |
| Primary Supply/Product voltage - min (V)                              | 220.0                       |
| Primary Supply/Product voltage - max (V)                              | 240.0                       |
| Lamp power factor                                                     | 0.9                         |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x % | 20                          |
| Electrical protection                                                 | Class II                    |
| Control gear required                                                 | No                          |
| Control gear type                                                     | LED driver constant current |
| No. Of switching cycles before premature failures                     | >50000                      |
| Dimmable                                                              | Yes with restrictions       |
| Dimming method                                                        | Other                       |
| Drive current (mA)                                                    | 300                         |
| Inrush Current (A)                                                    | 27                          |
| Inrush Duration ( $\mu$ s)                                            | 260                         |
| Energy Efficiency Class (A->G) of contained light source              | C                           |
| Nominal Frequency (Hz)                                                | 50/60Hz                     |
| LED Flickering Rate                                                   | Ultra low (5% or less)      |
| Max. products per 10A C Breaker                                       | 19                          |
| Max. products per 13A C Breaker                                       | 24                          |
| Max. products per 16A C Breaker                                       | 30                          |
| Max. products per 20A C Breaker                                       | 38                          |
| Max. products per 10A B Breaker                                       | 11                          |
| Max. products per 13A B Breaker                                       | 14                          |
| Max. products per 16A B Breaker                                       | 18                          |
| Max. products per 20A B Breaker                                       | 22                          |
| Connectable conductor cross section - Max (mm <sup>2</sup> )          | 1.5                         |

### LIFETIME DATA

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|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B50 | 100000 |

PHYSICAL DATA

|                             |                  |
|-----------------------------|------------------|
| Housing colour              | RAL7035          |
| IP rating                   | IP66             |
| IK rating                   | IK08             |
| Diffuser finish             | Opal             |
| Diffuser material           | PC Polycarbonate |
| Nominal Product Length (mm) | 1540             |
| Nominal Product Width (mm)  | 70               |
| Nominal Product Height (mm) | 73               |
| Weight (kg)                 | 1.534            |

PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288464275  |
| Packaging single length / height (cm) | 154.7          |
| Packaging single width (cm)           | 7.9            |
| Packaging single depth (cm)           | 7.6            |
| DUN14 (inner)                         | 15410288464272 |
| Units per outer package               | 6              |
| Packaging outer length / height (cm)  | 156.2          |
| Packaging outer width (cm)            | 17.3           |
| Packaging outer depth (cm)            | 26.3           |

SAFETY DATA

|                                     |        |
|-------------------------------------|--------|
| Glow Wire Test (°C)                 | 850    |
| Optimal operating condition (°C)    | -25-50 |
| Special purpose lamp                | No     |
| Dry applications use only           | No     |
| Suitable for household illumination | No     |