

START SURFACE IP66 1500LM 840 EM3 IK10 BLK  
0049011



Features

- LED exterior surface mounted luminaire, 350mm diameter, 1500lm as max. lumen output, 17W max. power consumption, 88lm/W efficacy, 4000K color temperature, CRI80, IP66, IK10, 50,000 hours (L70), black housing, vandal resistant. Integrated emergency, 3 hours, supplied with anti-theft screws

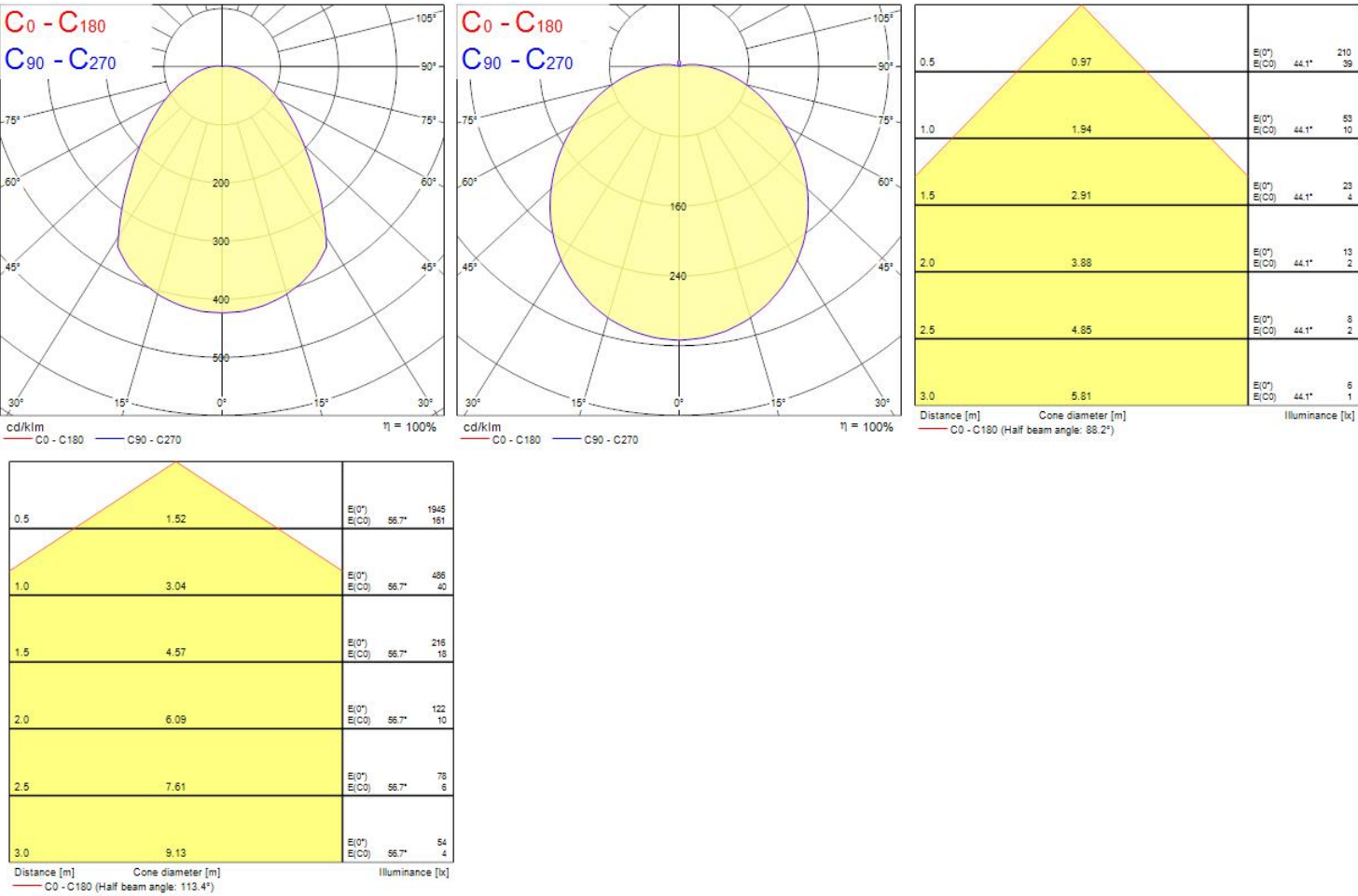
Product Overview

|                                   |                                            |
|-----------------------------------|--------------------------------------------|
| Product name                      | START SURFACE IP66 1500LM 840 EM3 IK10 BLK |
| Technology                        | LED                                        |
| Cap/Base                          | N/A                                        |
| Housing                           | PC Polycarbonate                           |
| Mount                             | Ceiling surface mounting                   |
| Environment                       | Indoor, Outdoor                            |
| General application               | Hospitality                                |
| ETIM Class                        | EC002892                                   |
| Fixture luminous flux (lm)        | 1500                                       |
| Luminaire efficacy (lm/W)         | 88                                         |
| LOR (%)                           | 100                                        |
| Correlated colour temperature (k) | 4000                                       |
| Light colour                      | Neutral White                              |
| CRI (Ra)                          | 80                                         |
| Colour Variation Initial (SDCM)   | 6                                          |
| Beam Angle (°)                    | 120                                        |
| Glare control                     | < 25                                       |
| Photobiological Risk Group        | RG0                                        |
| Luminous flux (emergency) (lm)    | 124                                        |
| Total power consumption (W)       | 17                                         |
| Electrical protection             | Class II                                   |
| Control gear type                 | LED driver constant current                |

START SURFACE IP66 1500LM 840 EM3 IK10 BLK  
0049011

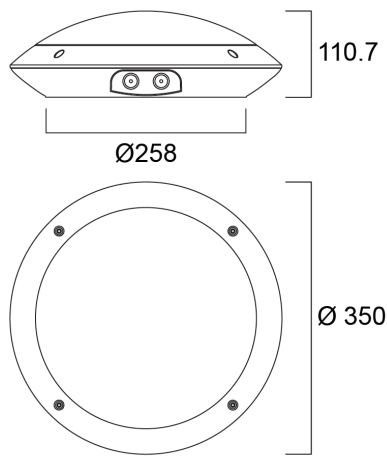
|                       |                        |
|-----------------------|------------------------|
| Control gear mounting | Integrated             |
| Dimmable              | No                     |
| LED Flickering Rate   | Ultra low (5% or less) |
| Housing colour        | RAL9011                |
| IP rating             | IP66                   |
| IK rating             | IK10                   |
| Product EAN number    | 5410288490113          |
| Warranty              | 5 years                |
| Dimming method        | N/A                    |
| Colour Code           | 840                    |

Photometry



START SURFACE IP66 1500LM 840 EM3 IK10 BLK  
0049011

Technical drawings



Data table

GENERAL DATA

|                                         |                                            |
|-----------------------------------------|--------------------------------------------|
| Product name                            | START SURFACE IP66 1500LM 840 EM3 IK10 BLK |
| Technology                              | LED                                        |
| Cap/Base                                | N/A                                        |
| Housing                                 | PC Polycarbonate                           |
| Mount                                   | Ceiling surface mounting                   |
| Environment                             | Indoor, Outdoor                            |
| General application                     | Hospitality                                |
| Operating temperature range (°C)        | 0°C...+25°C                                |
| Performance ambient temperature Tq (°C) | 25                                         |
| ETIM Class                              | EC002892                                   |
| Warranty                                | 5 years                                    |

OPTICAL DATA

|                            |      |
|----------------------------|------|
| Fixture luminous flux (lm) | 1500 |
| Luminaire efficacy (lm/W)  | 88   |

## START SURFACE IP66 1500LM 840 EM3 IK10 BLK 0049011

|                                              |               |
|----------------------------------------------|---------------|
| LOR (%)                                      | 100           |
| Correlated colour temperature (k)            | 4000          |
| Colour Code                                  | 840           |
| Light colour                                 | Neutral White |
| CRI (Ra)                                     | 80            |
| Colour Variation Initial (SDCM)              | 6             |
| Adjustable chromaticity                      | N             |
| Beam Angle (°)                               | 120           |
| Glare control                                | < 25          |
| Photobiological Risk Group                   | RG0           |
| Lumen maintenance at end of nominal life (%) | 70            |
| Luminous flux (emergency) (lm)               | 124           |
| Emergency duration (h)                       | 3             |

### ELECTRICAL DATA

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                      | 17                          |
| Primary Supply/Product voltage - min (V)                         | 220                         |
| Primary Supply/Product voltage - max (V)                         | 240                         |
| Lamp power factor                                                | 0.98                        |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 15                          |
| Electrical protection                                            | Class II                    |
| Control gear required                                            | No                          |
| Control gear type                                                | LED driver constant current |
| Control gear mounting                                            | Integrated                  |
| Dimmable                                                         | No                          |
| Dimming method                                                   | N/A                         |
| Drive current (mA)                                               | 350                         |
| Inrush Current (A)                                               | 5                           |
| Inrush Duration (µs)                                             | 100                         |
| Energy Efficiency Class (A->G) of contained light source         | D                           |
| Nominal Frequency (Hz)                                           | 50/60Hz                     |
| LED Flickering Rate                                              | Ultra low (5% or less)      |

## START SURFACE IP66 1500LM 840 EM3 IK10 BLK 0049011

|                                                              |      |
|--------------------------------------------------------------|------|
| Max. products per 10A C Breaker                              | 90   |
| Max. products per 13A C Breaker                              | 117  |
| Max. products per 16A C Breaker                              | 144  |
| Max. products per 20A C Breaker                              | 180  |
| Max. products per 10A B Breaker                              | 72   |
| Max. products per 13A B Breaker                              | 93   |
| Max. products per 16A B Breaker                              | 115  |
| Max. products per 20A B Breaker                              | 144  |
| Connectable conductor cross section - Min (mm <sup>2</sup> ) | 0.75 |
| Connectable conductor cross section - Max (mm <sup>2</sup> ) | 2.5  |

### LIFETIME DATA

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 50000 |
|------------------|-------|

### PHYSICAL DATA

|                               |                  |
|-------------------------------|------------------|
| Housing colour                | RAL9011          |
| IP rating                     | IP66             |
| IK rating                     | IK10             |
| Diffuser finish               | Opal             |
| Diffuser material             | PC Polycarbonate |
| Nominal Product Height (mm)   | 111              |
| Nominal Product Diameter (mm) | 350              |
| Weight (kg)                   | 1.4              |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288490113  |
| Packaging single length / height (cm) | 40.0           |
| Packaging single width (cm)           | 40.0           |
| Packaging single depth (cm)           | 11.0           |
| DUN14 (inner)                         | 05410288490113 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 40.0           |



START SURFACE IP66 1500LM 840 EM3 IK10 BLK  
0049011

|                            |      |
|----------------------------|------|
| Packaging outer width (cm) | 40.0 |
| Packaging outer depth (cm) | 11.0 |

SAFETY DATA

|                                     |    |
|-------------------------------------|----|
| Special purpose lamp                | No |
| Dry applications use only           | No |
| Suitable for household illumination | No |