

START SURFACE IP66 1500LM 840 IK10 DALI EM3 WHT  
0049250



Features

- LED exterior surface mounted luminaire, 350mm diameter, 1500lm as max. lumen output, 15W max. power consumption, 100lm/W efficacy, 4000K color temperature, CRI80, IP66, IK10, 60,000 hours (L70), white housing, vandal resistant. DALI and DALI 2 dimming compatibility. Integrated emergency, 3 hours, supplied with anti-theft screws

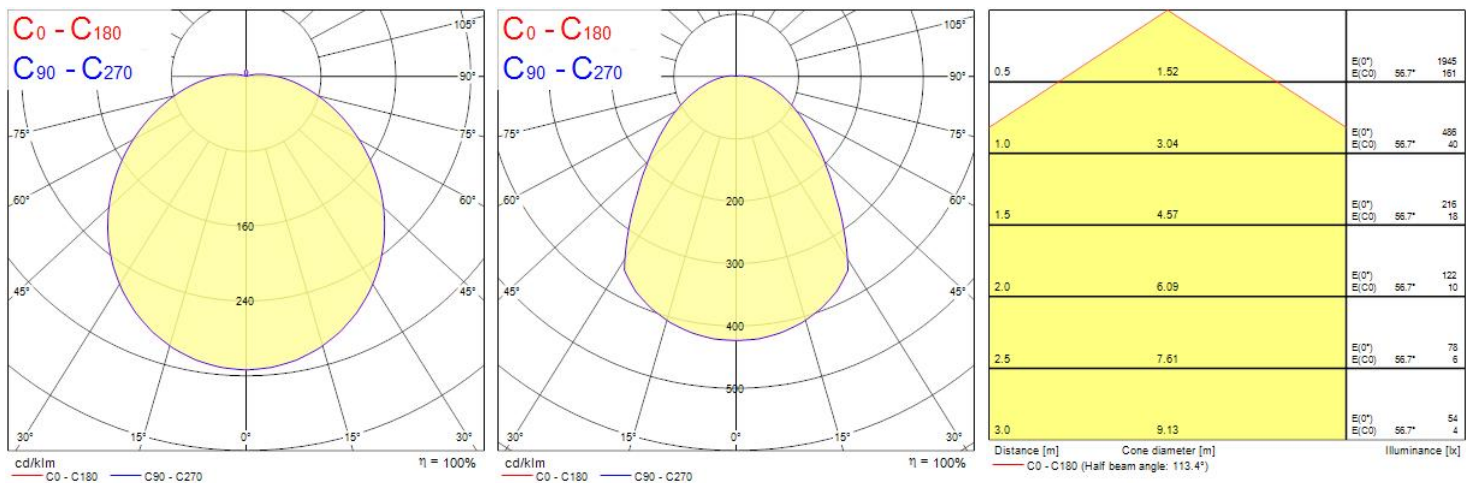
Product Overview

|                                 |                                                 |
|---------------------------------|-------------------------------------------------|
| Product name                    | START SURFACE IP66 1500LM 840 IK10 DALI EM3 WHT |
| 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)       | 111                                             |
| LOR (%)                         | 100                                             |
| 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                                             |
| Total power consumption (W)     | 14                                              |
| Electrical protection           | Class II                                        |
| Control gear type               | LED driver constant current                     |

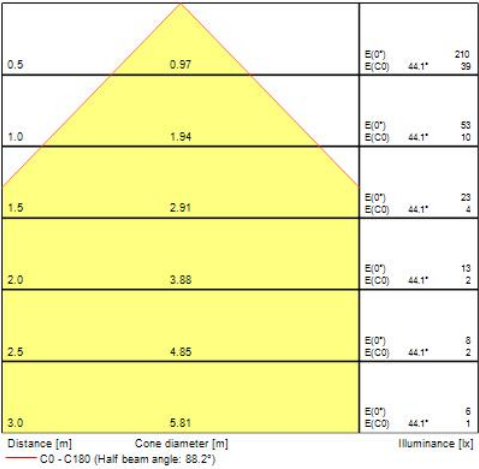
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|                           |                        |
|---------------------------|------------------------|
| Control gear mounting     | Integrated             |
| Dimmable                  | Yes                    |
| Minimum dimming level (%) | 1                      |
| LED Flickering Rate       | Ultra low (5% or less) |
| Housing colour            | RAL9003                |
| IP rating                 | IP66                   |
| IK rating                 | IK10                   |
| Product EAN number        | 5410288492506          |
| Warranty                  | 5 years                |
| Colour Code               | 840                    |
| Dimming method            | DALI                   |

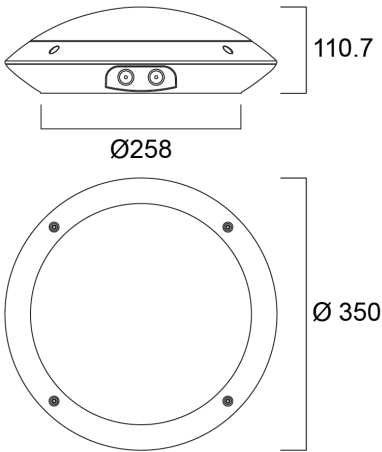
Photometry



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Technical drawings



Data table

GENERAL DATA

|              |                                                 |
|--------------|-------------------------------------------------|
| Product name | START SURFACE IP66 1500LM 840 IK10 DALI EM3 WHT |
| Technology   | LED                                             |
| Cap/Base     | N/A                                             |

## START SURFACE IP66 1500LM 840 IK10 DALI EM3 WHT 0049250

|                                         |                          |
|-----------------------------------------|--------------------------|
| 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)                    | 111           |
| LOR (%)                                      | 100           |
| 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            |
| Emergency duration (h)                       | 3             |

### ELECTRICAL DATA

|                             |                             |
|-----------------------------|-----------------------------|
| Total power consumption (W) | 14                          |
| Mains voltage (V)           | 220-240V                    |
| Lamp power factor           | 1                           |
| Electrical protection       | Class II                    |
| Control gear required       | No                          |
| Control gear type           | LED driver constant current |

## START SURFACE IP66 1500LM 840 IK10 DALI EM3 WHT 0049250

|                                                          |                        |
|----------------------------------------------------------|------------------------|
| Control gear mounting                                    | Integrated             |
| Dimmable                                                 | Yes                    |
| Dimming method                                           | DALI                   |
| Minimum dimming level (%)                                | 1                      |
| Drive current (mA)                                       | 350                    |
| Inrush Current (A)                                       | 5                      |
| Inrush Duration (µs)                                     | 50                     |
| Energy Efficiency Class (A->G) of contained light source | D                      |
| Nominal Frequency (Hz)                                   | 50/60Hz                |
| LED Flickering Rate                                      | Ultra low (5% or less) |
| Max. Luminaires per 10A C Breaker                        | 52                     |
| Max. Luminaires per 13A C Breaker                        | 68                     |
| Max. Luminaires per 16A C Breaker                        | 85                     |
| Max. Luminaires per 20A C Breaker                        | 104                    |
| Max. Luminaires per 10A B Breaker                        | 31                     |
| Max. Luminaires per 13A B Breaker                        | 40                     |
| Max. Luminaires per 16A B Breaker                        | 50                     |
| Max. Luminaires per 20A B Breaker                        | 62                     |

### LIFETIME DATA

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 60000 |
| Lifespan L70 B10 | 60000 |
| Lifespan L80 B50 | 60000 |
| Lifespan L80 B10 | 60000 |
| Lifespan L90 B50 | 42000 |
| Lifespan L90 B10 | 35000 |

### PHYSICAL DATA

|                   |                  |
|-------------------|------------------|
| Housing colour    | RAL9003          |
| IP rating         | IP66             |
| IK rating         | IK10             |
| Diffuser finish   | Opal             |
| Diffuser material | PC Polycarbonate |

## START SURFACE IP66 1500LM 840 IK10 DALI EM3 WHT 0049250

|                               |     |
|-------------------------------|-----|
| Nominal Product Height (mm)   | 111 |
| Nominal Product Diameter (mm) | 350 |
| Weight (kg)                   | 1.1 |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288492506  |
| Packaging single length / height (cm) | 40.0           |
| Packaging single width (cm)           | 40.0           |
| Packaging single depth (cm)           | 11.0           |
| DUN14 (outer)                         | 05410288492506 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 40.0           |
| 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 |