

START SURFACE IP66 1500LM 840 IK10 DALI EM3 WHT  
0049250



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, 60,000 hours (L70), white housing, vandal resistant. DALI and DALI 2 dimming compatibility. Integrated emergency, 3 hours, supplied with anti-theft screws

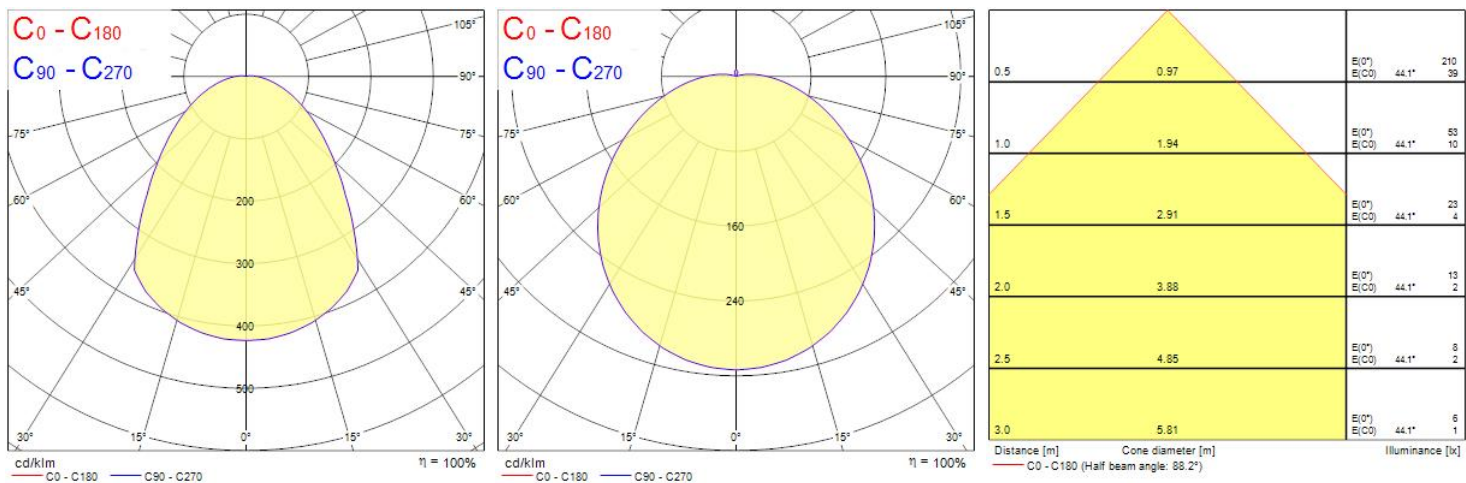
Product Overview

|                                   |                                                 |
|-----------------------------------|-------------------------------------------------|
| 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)         | 89                                              |
| 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                                             |
| Total power consumption (W)       | 17                                              |
| Electrical protection             | Class II                                        |
| Control gear type                 | LED driver constant current                     |

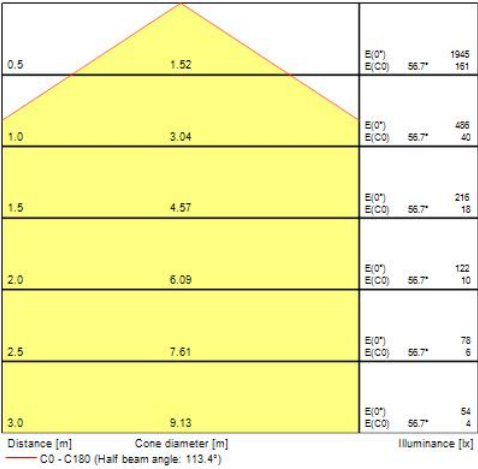
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|                           |                        |
|---------------------------|------------------------|
| Control gear mounting     | Integrated             |
| Dimmable                  | Yes                    |
| Minimum dimming level (%) | 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                |
| Dimming method            | DALI                   |
| Colour Code               | 840                    |

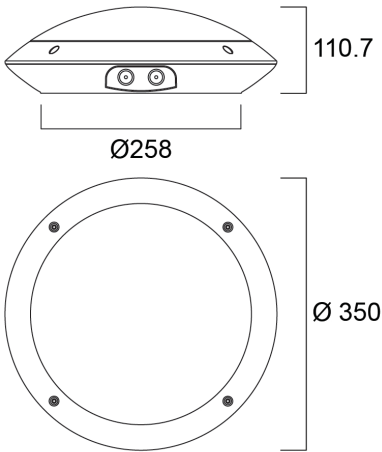
Photometry



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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)                    | 89            |
| 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            |
| 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                        | 1        |
| Electrical protection                    | Class II |
| Control gear required                    | No       |

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

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Control gear type                                        | LED driver constant current |
| 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. products per 10A C Breaker                          | 52                          |
| Max. products per 13A C Breaker                          | 68                          |
| Max. products per 16A C Breaker                          | 85                          |
| Max. products per 20A C Breaker                          | 104                         |
| Max. products per 10A B Breaker                          | 31                          |
| Max. products per 13A B Breaker                          | 40                          |
| Max. products per 16A B Breaker                          | 50                          |
| Max. products per 20A B Breaker                          | 62                          |
| Connectable conductor cross section - Min (mm²)          | 0.75                        |
| Connectable conductor cross section - Max (mm²)          | 2.5                         |

### 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

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

|                               |                  |
|-------------------------------|------------------|
| Housing colour                | RAL9003          |
| 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)                   | 1.1              |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288492506  |
| Packaging single length / height (cm) | 40.0           |
| Packaging single width (cm)           | 40.0           |
| Packaging single depth (cm)           | 11.0           |
| DUN14 (inner)                         | 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 |