

START SURFACE IP66 1450LM 830 IK10 DALI WHT  
0049245



Features

- LED exterior surface mounted luminaire, 350mm diameter, 1450lm as max. lumen output, 16W power consumption, 91lm/W efficacy, 3000K color temperature, CRI80, IP66, IK10, 60,000 hours (L70), white housing, vandal resistant. DALI and DALI 2 dimming compatibility, supplied with anti-theft screws

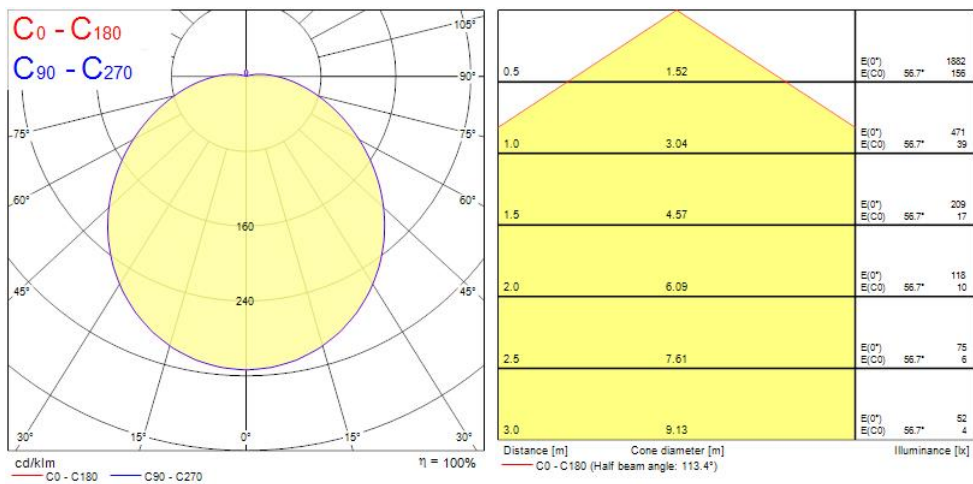
Product Overview

|                                   |                                             |
|-----------------------------------|---------------------------------------------|
| Product name                      | START SURFACE IP66 1450LM 830 IK10 DALI 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)        | 1450                                        |
| Luminaire efficacy (lm/W)         | 91                                          |
| LOR (%)                           | 100                                         |
| Correlated colour temperature (k) | 3000                                        |
| Light colour                      | Warm White                                  |
| CRI (Ra)                          | 80                                          |
| Colour Variation Initial (SDCM)   | 6                                           |
| Beam Angle (°)                    | 120                                         |
| Glare control                     | < 25                                        |
| Photobiological Risk Group        | RG0                                         |
| Total power consumption (W)       | 16                                          |
| Electrical protection             | Class II                                    |
| Control gear type                 | LED driver constant current                 |
| Control gear mounting             | Integrated                                  |

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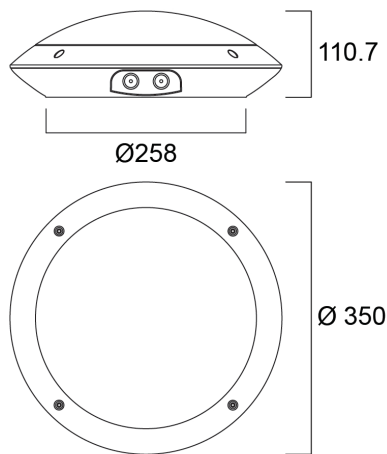
|                           |                        |
|---------------------------|------------------------|
| Dimmable                  | Yes                    |
| Minimum dimming level (%) | 1                      |
| LED Flickering Rate       | Ultra low (5% or less) |
| Housing colour            | RAL9003                |
| IP rating                 | IP66                   |
| IK rating                 | IK10                   |
| Product EAN number        | 5410288492452          |
| Warranty                  | 5 years                |
| Dimming method            | DALI                   |
| Colour Code               | 830                    |

Photometry



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Technical drawings



Data table

GENERAL DATA

|                                         |                                             |
|-----------------------------------------|---------------------------------------------|
| Product name                            | START SURFACE IP66 1450LM 830 IK10 DALI WHT |
| 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) | 1450 |
|----------------------------|------|

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|                                              |            |
|----------------------------------------------|------------|
| Luminaire efficacy (lm/W)                    | 91         |
| LOR (%)                                      | 100        |
| Correlated colour temperature (k)            | 3000       |
| Colour Code                                  | 830        |
| Light colour                                 | Warm 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         |

### ELECTRICAL DATA

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Total power consumption (W)                              | 16                          |
| 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                          |
| 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                          |

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|                                                                 |      |
|-----------------------------------------------------------------|------|
| 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 -<br>Min (mm <sup>2</sup> ) | 0.75 |
| Connectable conductor cross section -<br>Max (mm <sup>2</sup> ) | 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

|                               |                  |
|-------------------------------|------------------|
| 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                    | 5410288492452 |
| Packaging single length / height (cm) | 40.0          |
| Packaging single width (cm)           | 40.0          |
| Packaging single depth (cm)           | 11.0          |



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|                                      |                |
|--------------------------------------|----------------|
| DUN14 (inner)                        | 05410288492452 |
| 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 |