

## Start Surface IP66 Ø350mm DALI

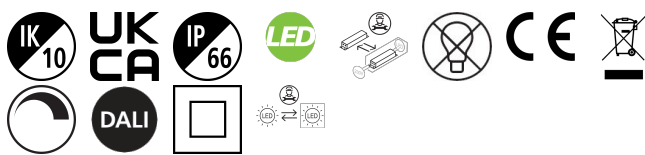
START SURFACE IP66 2400LM 830 IK10 DALI WHT

0049253



### Product features

- LED exterior surface mounted luminaire, 350mm diameter, 2400lm as max. lumen output, 26W max. power consumption, 92lm/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 2400LM 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                                    |
| E-number FI                     | 4579491                                     |
| Warranty                        | 5 years                                     |
| Fixture luminous flux (lm)      | 2400                                        |
| Luminaire efficacy (lm/W)       | 92                                          |
| LOR (%)                         | 100                                         |
| Colour temperature (K)          | 3000                                        |
| Colour Code                     | 830                                         |
| Light colour                    | Warm White                                  |
| CRI (Ra)                        | 80                                          |
| Colour Variation Initial (SDCM) | SDCM6                                       |
| Beam Angle (°)                  | 120                                         |
| Glare control                   | < 26                                        |
| Photobiological Risk Group      | RG0                                         |
| Total power consumption (W)     | 26                                          |
| Electrical protection           | Class II                                    |
| Control gear type               | LED driver constant current                 |
| Control gear mounting           | Integrated                                  |
| Dimmable                        | Yes                                         |
| Dimming method                  | DALI                                        |
| Minimum dimming level (%)       | 1                                           |
| LED Flickering Rate             | Ultra low (5% or less)                      |
| Housing colour                  | RAL 9003 - Signal white                     |
| IP rating                       | IP66                                        |
| IK rating                       | IK10                                        |
| Product EAN number              | 5410288492537                               |

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### DATA TABLE

#### General data

|                                         |                                             |
|-----------------------------------------|---------------------------------------------|
| Product name                            | START SURFACE IP66 2400LM 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                                    |
| E-number FI                             | 4579491                                     |
| Warranty                                | 5 years                                     |

#### Optical data

|                                              |            |
|----------------------------------------------|------------|
| Fixture luminous flux (lm)                   | 2400       |
| Luminaire efficacy (lm/W)                    | 92         |
| LOR (%)                                      | 100        |
| Colour temperature (K)                       | 3000       |
| Colour Code                                  | 830        |
| Light colour                                 | Warm White |
| CRI (Ra)                                     | 80         |
| Colour Variation Initial (SDCM)              | SDCM6      |
| Adjustable chromaticity                      | N          |
| Beam Angle (°)                               | 120        |
| Glare control                                | < 26       |
| Photobiological Risk Group                   | RG0        |
| Lumen maintenance at end of nominal life (%) | 70         |

#### Electrical data

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Total power consumption (W)                              | 26                          |
| Mains voltage (V)                                        | 220-240V                    |
| 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)                                       | 700                         |
| Inrush Current (A)                                       | 5                           |
| Inrush Duration (µs)                                     | 50                          |
| Energy Efficiency Class (A->G) of contained light source | E                           |

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|                                   |                        |
|-----------------------------------|------------------------|
| 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                | RAL 9003 - Signal white |
| IP rating                     | IP66                    |
| IK rating                     | IK10                    |
| Diffuser finish               | Opal                    |
| Diffuser material             | PC Polycarbonate        |
| Nominal Product Length (mm)   | 350                     |
| Nominal Product Width (mm)    | 350                     |
| Nominal Product Height (mm)   | 111                     |
| Nominal Product Diameter (mm) | 350                     |
| Weight (kg)                   | 1.2                     |

### Packaging

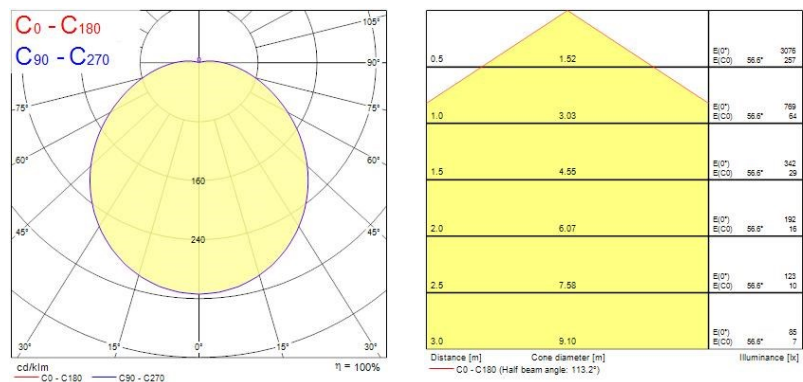
|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288492537  |
| Packaging single length / height (cm) | 40.0           |
| Packaging single width (cm)           | 40.0           |
| Packaging single depth (cm)           | 11.0           |
| DUN14 (outer)                         | 05410288492537 |
| 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

|                                  |      |
|----------------------------------|------|
| Optimal operating condition (°C) | 0-25 |
|----------------------------------|------|

## PHOTOMETRY

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TECHNICAL DRAWINGS

