

Start Surface IP66 Ø350mm Sensor Dim  
START SURFACE IP66 2500LM 840 MW SENS IK10 WHT  
0049021



- Product features**
- Sensor Dim LED exterior surface mounted luminaire, 350mm diameter, 2500lm as max. lumen output, can be adjusted down to 1750lm by internal switch, 25W max. power consumption, 100lm/W efficacy, 4000K color temperature, CRI80, IP66, IK10, 50,000 hours (L70), whitehousing, vandal resistant. Integrated Microwave occupancy sensor with daylight harvest, dimming and corridor function, supplied with anti-theft screws

PRODUCT OVERVIEW

|                                 |                                                |
|---------------------------------|------------------------------------------------|
| Product name                    | START SURFACE IP66 2500LM 840 MW SENS IK10 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                     | 4579496                                        |
| Warranty                        | 5 years                                        |
| Fixture luminous flux (lm)      | 2500                                           |
| Luminaire efficacy (lm/W)       | 100                                            |
| LOR (%)                         | 100                                            |
| Colour temperature (K)          | 4000                                           |
| Colour Code                     | 840                                            |
| Light colour                    | Neutral White                                  |
| CRI (Ra)                        | 80                                             |
| Colour Variation Initial (SDCM) | SDCM6                                          |
| Beam Angle (°)                  | 120                                            |
| Glare control                   | < 26                                           |
| Photobiological Risk Group      | RG0                                            |
| Total power consumption (W)     | 25                                             |
| Electrical protection           | Class II                                       |
| Control gear type               | LED driver constant current                    |
| Control gear mounting           | Integrated                                     |
| Dimmable                        | Yes                                            |
| Dimming method                  | Other                                          |
| LED Flickering Rate             | Ultra low (5% or less)                         |
| Housing colour                  | RAL 9003 - Signal white                        |
| IP rating                       | IP66                                           |
| IK rating                       | IK10                                           |
| Product EAN number              | 5410288490212                                  |

DATA TABLE

## Start Surface IP66 Ø350mm Sensor Dim

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### General data

|                                                     |                                                |
|-----------------------------------------------------|------------------------------------------------|
| Product name                                        | START SURFACE IP66 2500LM 840 MW SENS IK10 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 T <sub>q</sub> (°C) | 25                                             |
| ETIM Class                                          | EC002892                                       |
| E-number FI                                         | 4579496                                        |
| Warranty                                            | 5 years                                        |

### Optical data

|                                              |               |
|----------------------------------------------|---------------|
| Fixture luminous flux (lm)                   | 2500          |
| Luminaire efficacy (lm/W)                    | 100           |
| LOR (%)                                      | 100           |
| Colour temperature (K)                       | 4000          |
| Colour Code                                  | 840           |
| Light colour                                 | Neutral 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)                              | 25                          |
| 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                                           | Other                       |
| Drive current (mA)                                       | 700                         |
| Inrush Current (A)                                       | 49                          |
| Inrush Duration (µs)                                     | 31                          |
| 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 Ø350mm Sensor Dim

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|                                                 |      |
|-------------------------------------------------|------|
| Max. products per 10A C Breaker                 | 41   |
| Max. products per 13A C Breaker                 | 53   |
| Max. products per 16A C Breaker                 | 66   |
| Max. products per 20A C Breaker                 | 82   |
| Max. products per 10A B Breaker                 | 20   |
| Max. products per 13A B Breaker                 | 31   |
| Max. products per 16A B Breaker                 | 39   |
| Max. products per 20A B Breaker                 | 48   |
| Connectable conductor cross section - Min (mm²) | 0.75 |
| Connectable conductor cross section - Max (mm²) | 2.5  |

### Lifetime data

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

### Physical data

|                               |                         |
|-------------------------------|-------------------------|
| Housing colour                | RAL 9003 - Signal white |
| 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)                   | 1.2                     |

### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288490212  |
| Packaging single length / height (cm) | 40.0           |
| Packaging single width (cm)           | 40.0           |
| Packaging single depth (cm)           | 11.0           |
| DUN14 (outer)                         | 05410288490212 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 40.0           |
| Packaging outer width (cm)            | 40.0           |
| Packaging outer depth (cm)            | 11.0           |

## PHOTOMETRY

## TECHNICAL DRAWINGS