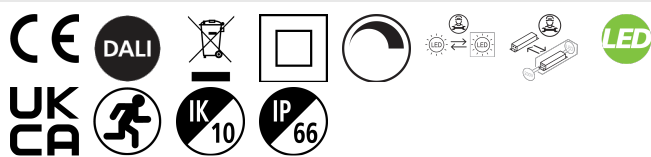


Start Surface IP66 Ø350mm DALI  
START SURFACE IP66 1450LM 830 IK10 DALI EM3 BLK  
0049251



PRODUCT OVERVIEW

|                                 |                                                 |
|---------------------------------|-------------------------------------------------|
| Product name                    | START SURFACE IP66 1450LM 830 IK10 DALI EM3 BLK |
| Technology                      | LED                                             |
| Cap/Base                        | N/A                                             |
| Housing                         | PC Polycarbonate                                |
| Mount                           | Ceiling surface mounting                        |
| Environment                     | Indoor, Outdoor                                 |
| Warranty                        | 5 years                                         |
| Fixture luminous flux (lm)      | 1450                                            |
| Luminaire efficacy (lm/W)       | 86                                              |
| LOR (%)                         | 100                                             |
| Colour temperature (K)          | 3000                                            |
| Colour Code                     | 830                                             |
| Light colour                    | Warm White                                      |
| CRI (Ra)                        | 80                                              |
| Colour Variation Initial (SDCM) | SDCM6                                           |
| Glare control                   | < 25                                            |
| Photobiological Risk Group      | RG0                                             |
| Total power consumption (W)     | 17                                              |
| Electrical protection           | Class II                                        |
| Control gear type               | LED driver constant current                     |
| Control gear mounting           | Integrated                                      |
| LED Flickering Rate             | Ultra low (5% or less)                          |
| Housing colour                  | RAL 9011 - Graphite black                       |
| IP rating                       | IP66                                            |
| IK rating                       | IK10                                            |
| Product EAN number              | 5410288492513                                   |

DATA TABLE

|              |                                                 |
|--------------|-------------------------------------------------|
| General data |                                                 |
| Product name | START SURFACE IP66 1450LM 830 IK10 DALI EM3 BLK |
| Technology   | LED                                             |
| Cap/Base     | N/A                                             |

## Start Surface IP66 Ø350mm DALI

*START SURFACE IP66 1450LM 830 IK10 DALI EM3 BLK*  
0049251

|                                         |                          |
|-----------------------------------------|--------------------------|
| Housing                                 | PC Polycarbonate         |
| Mount                                   | Ceiling surface mounting |
| Environment                             | Indoor, Outdoor          |
| Operating temperature range (°C)        | 0°C...+25°C              |
| Performance ambient temperature Tq (°C) | 25                       |
| Warranty                                | 5 years                  |

### Optical data

|                                              |            |
|----------------------------------------------|------------|
| Fixture luminous flux (lm)                   | 1450       |
| Luminaire efficacy (lm/W)                    | 86         |
| LOR (%)                                      | 100        |
| Colour temperature (K)                       | 3000       |
| Colour Code                                  | 830        |
| Light colour                                 | Warm White |
| CRI (Ra)                                     | 80         |
| Colour Variation Initial (SDCM)              | SDCM6      |
| Adjustable chromaticity                      | N          |
| 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                         |
| Lamp power factor                                        | 1                           |
| Electrical protection                                    | Class II                    |
| Control gear type                                        | LED driver constant current |
| Control gear mounting                                    | Integrated                  |
| 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 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 |

## Start Surface IP66 Ø350mm DALI

START SURFACE IP66 1450LM 830 IK10 DALI EM3 BLK  
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|                  |       |
|------------------|-------|
| Lifespan L90 B50 | 42000 |
| Lifespan L90 B10 | 35000 |

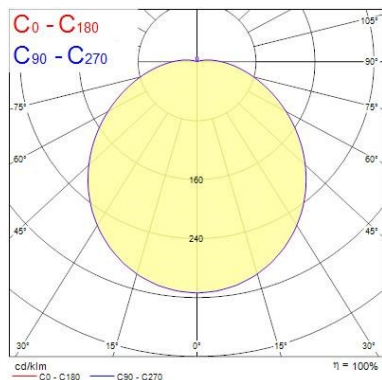
### Physical data

|                               |                           |
|-------------------------------|---------------------------|
| Housing colour                | RAL 9011 - Graphite black |
| IP rating                     | IP66                      |
| IK rating                     | IK10                      |
| Diffuser finish               | Opal                      |
| Diffuser material             | PC Polycarbonate          |
| Nominal Product Diameter (mm) | 350                       |
| Weight (kg)                   | 1.1                       |

### Packaging

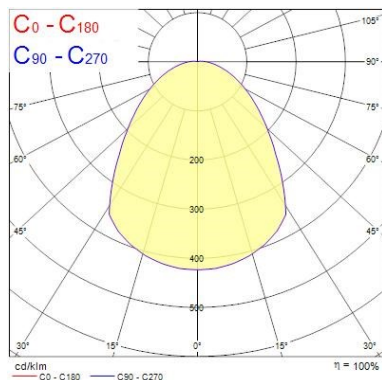
|                                      |                |
|--------------------------------------|----------------|
| Single packaging type                | Carton         |
| Product EAN number                   | 5410288492513  |
| Packaging single width (cm)          | 40.0           |
| Packaging single depth (cm)          | 11.0           |
| DUN14 (outer)                        | 05410288492513 |
| Packaging outer length / height (cm) | 40.0           |

## PHOTOMETRY



| Distance [m] | Cone diameter [m] | Illuminance [lx] |
|--------------|-------------------|------------------|
| 0.5          | 1.52              | 1882<br>156      |
| 1.0          | 3.04              | 471<br>39        |
| 1.5          | 4.57              | 209<br>17        |
| 2.0          | 6.09              | 118<br>10        |
| 2.5          | 7.61              | 75<br>6          |
| 3.0          | 9.13              | 52<br>4          |

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 113.4°)



| Distance [m] | Cone diameter [m] | Illuminance [lx] |
|--------------|-------------------|------------------|
| 0.5          | 0.97              | 210<br>39        |
| 1.0          | 1.94              | 83<br>10         |
| 1.5          | 2.91              | 23<br>4          |
| 2.0          | 3.88              | 13<br>2          |
| 2.5          | 4.85              | 8<br>2           |
| 3.0          | 5.81              | 6<br>1           |

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 88.2°)

## Start Surface IP66 Ø350mm DALI

*START SURFACE IP66 1450LM 830 IK10 DALI EM3 BLK*

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### TECHNICAL DRAWINGS

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