

START Surface IP44 520lm 830/840 DualTone  
0043425



Features

- Ceiling / wall luminaire with integrated LED. Perfect solution for hallways, circulation spaces or foyer. Even and uniform light distribution with a halo lighting effect on the wall surface. Body Size diameter 180mm. Besa mounting box compatible, hole distance 51mm. DualTone functionality enables switch between 3000K and 4000K colour temperatures. Power 6W, output 520 lumens (4000K). Non-dimmable. IK03, IP44. Low maintenance with lifespan 90,000 hours L70:B50.

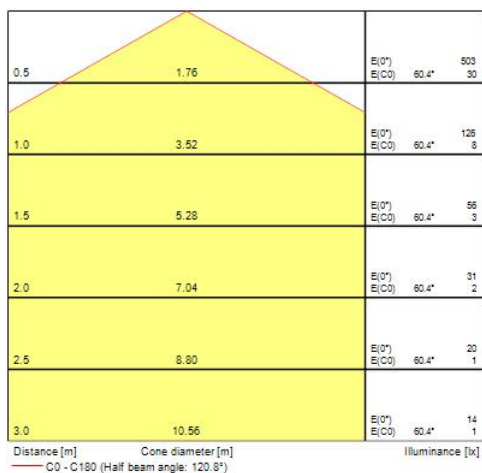
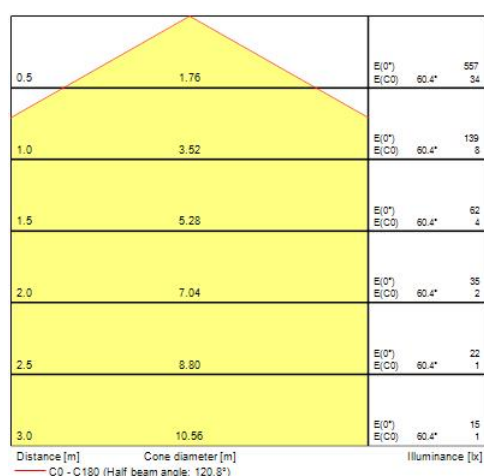
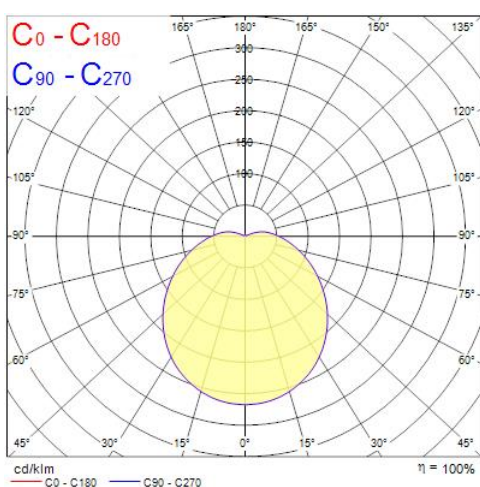
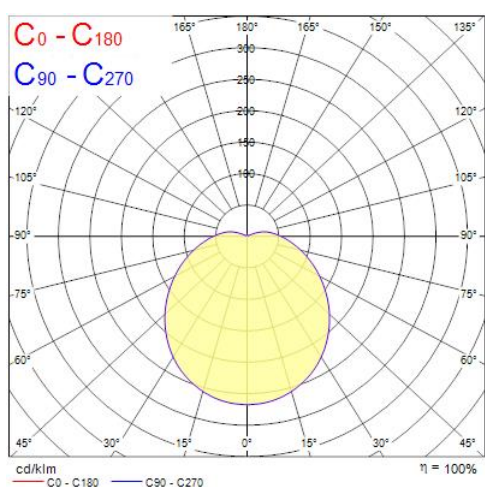
Product Overview

|                                 |                                           |
|---------------------------------|-------------------------------------------|
| Product name                    | START Surface IP44 520lm 830/840 DualTone |
| Technology                      | LED                                       |
| Cap/Base                        | N/A                                       |
| Housing                         | Steel                                     |
| Mount                           | Ceiling surface mounting                  |
| General application             | Hospitality                               |
| ETIM Class                      | EC002892                                  |
| E-number FI                     | 4170568                                   |
| Fixture luminous flux (lm)      | 520                                       |
| Luminaire efficacy (lm/W)       | 85                                        |
| Light colour                    | Warm White or Neutral White               |
| CRI (Ra)                        | 80                                        |
| Colour Variation Initial (SDCM) | 6                                         |
| Beam Angle (°)                  | 120                                       |
| Photobiological Risk Group      | RG0                                       |
| Total power consumption (W)     | 6                                         |
| Electrical protection           | Class I                                   |
| Control gear type               | LED driver constant current               |
| Dimmable                        | No                                        |
| LED Flickering Rate             | High (>40%)                               |

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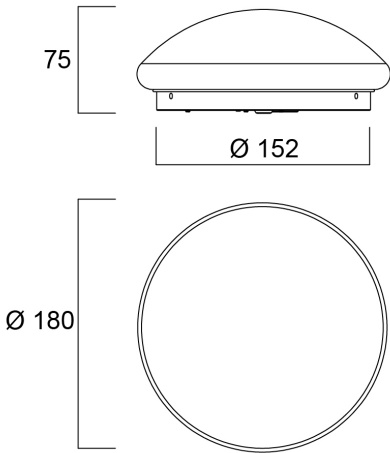
|                           |               |
|---------------------------|---------------|
| <b>Housing colour</b>     | White         |
| <b>IP rating</b>          | IP44          |
| <b>IK rating</b>          | IK03          |
| <b>Product EAN number</b> | 5410288434254 |
| <b>Warranty</b>           | 3 years       |
| <b>Dimming method</b>     | N/A           |

## Photometry



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Technical drawings



Data table

GENERAL DATA

|                                         |                                           |
|-----------------------------------------|-------------------------------------------|
| Product name                            | START Surface IP44 520lm 830/840 DualTone |
| Technology                              | LED                                       |
| Cap/Base                                | N/A                                       |
| Housing                                 | Steel                                     |
| Mount                                   | Ceiling surface mounting                  |
| General application                     | Hospitality                               |
| Operating temperature range (°C)        | -20°C...+40°C                             |
| Performance ambient temperature Tq (°C) | 25                                        |
| ETIM Class                              | EC002892                                  |
| E-number FI                             | 4170568                                   |
| Warranty                                | 3 years                                   |

OPTICAL DATA

|                            |     |
|----------------------------|-----|
| Fixture luminous flux (lm) | 520 |
| Luminaire efficacy (lm/W)  | 85  |

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|                                 |                             |
|---------------------------------|-----------------------------|
| Light colour                    | Warm White or Neutral White |
| CRI (Ra)                        | 80                          |
| Colour Variation Initial (SDCM) | 6                           |
| Beam Angle (°)                  | 120                         |
| Distribution type               | Diffuse                     |
| Photobiological Risk Group      | RG0                         |

### ELECTRICAL DATA

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                      | 6                           |
| Primary Supply/Product voltage - min (V)                         | 220                         |
| Primary Supply/Product voltage - max (V)                         | 240                         |
| Lamp power factor                                                | 0.8                         |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 75                          |
| Electrical protection                                            | Class I                     |
| Control gear required                                            | No                          |
| Control gear type                                                | LED driver constant current |
| Dimmable                                                         | No                          |
| Dimming method                                                   | N/A                         |
| Drive current (mA)                                               | 19                          |
| Inrush Current (A)                                               | 0.5                         |
| Inrush Duration (µs)                                             | 30                          |
| Energy Efficiency Class (A->G) of contained light source         | E                           |
| Nominal Frequency (Hz)                                           | 50/60Hz                     |
| LED Flickering Rate                                              | High (>40%)                 |
| Max. products per 10A C Breaker                                  | 60                          |
| Max. products per 13A C Breaker                                  | 78                          |
| Max. products per 16A C Breaker                                  | 96                          |
| Max. products per 20A C Breaker                                  | 120                         |
| Max. products per 10A B Breaker                                  | 36                          |
| Max. products per 13A B Breaker                                  | 47                          |
| Max. products per 16A B Breaker                                  | 58                          |
| Max. products per 20A B Breaker                                  | 72                          |

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|                                                                 |     |
|-----------------------------------------------------------------|-----|
| Connectable conductor cross section -<br>Max (mm <sup>2</sup> ) | 2.5 |
|-----------------------------------------------------------------|-----|

### LIFETIME DATA

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 90000 |
| Lifespan L80 B50 | 85000 |
| Lifespan L90 B50 | 41000 |

### PHYSICAL DATA

|                               |               |
|-------------------------------|---------------|
| Housing colour                | White         |
| IP rating                     | IP44          |
| IK rating                     | IK03          |
| Diffuser finish               | Opal          |
| Diffuser material             | Polypropylene |
| Nominal Product Height (mm)   | 75            |
| Nominal Product Diameter (mm) | 180           |
| Weight (kg)                   | 0.17          |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288434254  |
| Packaging single length / height (cm) | 18.2           |
| Packaging single width (cm)           | 7.8            |
| Packaging single depth (cm)           | 18.2           |
| DUN14 (inner)                         | 15410288434251 |
| Units per outer package               | 6              |
| Packaging outer length / height (cm)  | 51.6           |
| Packaging outer width (cm)            | 21.5           |
| Packaging outer depth (cm)            | 22.0           |

### SAFETY DATA

|                                  |        |
|----------------------------------|--------|
| Glow Wire Test (°C)              | 650    |
| Optimal operating condition (°C) | -20-40 |
| Special purpose lamp             | No     |



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|                                     |    |
|-------------------------------------|----|
| Dry applications use only           | No |
| Suitable for household illumination | No |