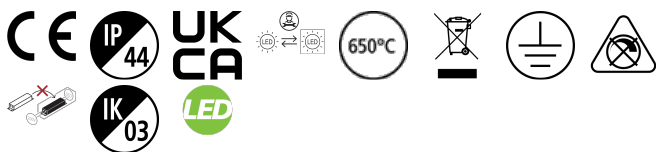


START Surface IP44 DualTone  
START Surface IP44 520lm 830/840 DualTone  
0043425



PRODUCT OVERVIEW

|                                 |                                           |
|---------------------------------|-------------------------------------------|
| Product name                    | START Surface IP44 520lm 830/840 DualTone |
| Technology                      | LED                                       |
| Cap/Base                        | N/A                                       |
| Housing                         | Steel                                     |
| Mount                           | Ceiling surface mounting                  |
| E-number FI                     | 4170568                                   |
| Warranty                        | 3 years                                   |
| Fixture luminous flux (lm)      | 520                                       |
| Luminaire efficacy (lm/W)       | 85                                        |
| Light colour                    | Warm White or Neutral White               |
| CRI (Ra)                        | 80                                        |
| Colour Variation Initial (SDCM) | SDCM6                                     |
| Photobiological Risk Group      | RG0                                       |
| Total power consumption (W)     | 6                                         |
| Electrical protection           | Class I                                   |
| Control gear type               | LED driver constant current               |
| LED Flickering Rate             | High (>40%)                               |
| Housing colour                  | White                                     |
| IP rating                       | IP44                                      |
| IK rating                       | IK03                                      |
| Product EAN number              | 5410288434254                             |

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                  |
| Operating temperature range (°C)        | -20°C...+40°C                             |
| Performance ambient temperature Tq (°C) | 25                                        |
| E-number FI                             | 4170568                                   |
| Warranty                                | 3 years                                   |

## START Surface IP44 DualTone

*START Surface IP44 520lm 830/840 DualTone*

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### Optical data

|                                         |                             |
|-----------------------------------------|-----------------------------|
| Fixture luminous flux (lm)              | 520                         |
| Luminaire efficacy (lm/W)               | 85                          |
| Correlated colour temperature range (K) | 3000 - 4000                 |
| Light colour                            | Warm White or Neutral White |
| CRI (Ra)                                | 80                          |
| Colour Variation Initial (SDCM)         | SDCM6                       |
| Photobiological Risk Group              | RG0                         |

### Electrical data

|                                                          |                             |
|----------------------------------------------------------|-----------------------------|
| Total power consumption (W)                              | 6                           |
| Primary Supply/Product voltage - min (V)                 | 220                         |
| Lamp power factor                                        | 0.8                         |
| Electrical protection                                    | Class I                     |
| Control gear type                                        | LED driver constant current |
| Drive current (mA)                                       | 19                          |
| Inrush Current (A)                                       | 0.5                         |
| Inrush Duration (µs)                                     | 30                          |
| Glow Wire Test (°C)                                      | 650                         |
| 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 20A B Breaker                          | 72                          |
| Connectable conductor cross section - Max (mm²)          | 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 Diameter (mm) | 180           |
| Weight (kg)                   | 0.17          |

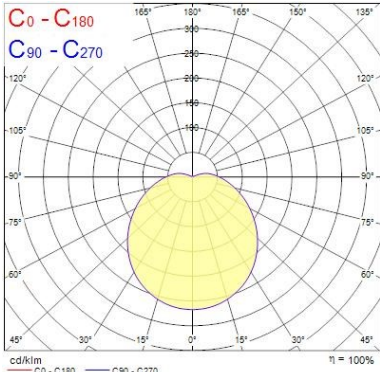
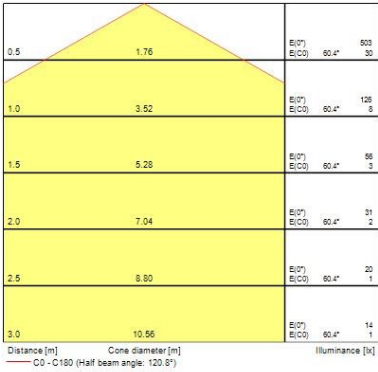
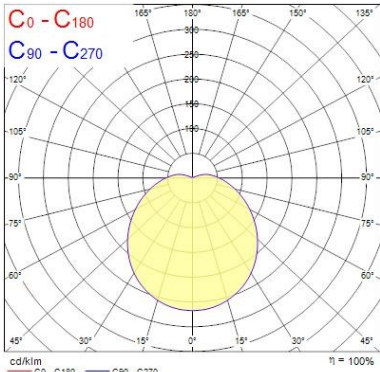
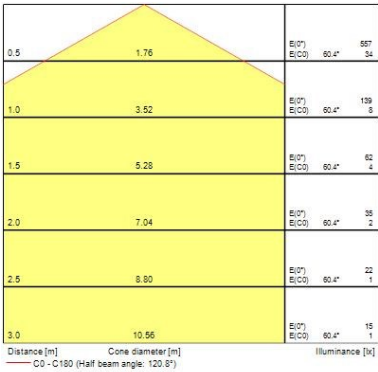
### Packaging

|                             |                |
|-----------------------------|----------------|
| Single packaging type       | Carton         |
| Product EAN number          | 5410288434254  |
| Packaging single width (cm) | 7.8            |
| Packaging single depth (cm) | 18.2           |
| DUN14 (outer)               | 15410288434251 |

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|                                      |        |
|--------------------------------------|--------|
| Packaging outer length / height (cm) | 51.6   |
| Safety data                          |        |
| Optimal operating condition (°C)     | -20-40 |

PHOTOMETRY



TECHNICAL DRAWINGS

