

START DOWNLIGHT IP44 150  
START Downlight 150 IP44 1175lm 840  
0030325



Product features

- Ceiling recessed LED downlight IP44 (from the front), perfect where limited ceiling void is available with only 45mm product depth and 150mm cutout. Ideal replacement for 1x26W CFL downlights. The polycarbonate diffuser allows for a wider light distribution and increased spacings between luminaires. Loop in loop out connector allows for quick installation. Die-cast aluminium body, 1175LM, 12W, 98lm/W, 4000K, Driver Current: 290mA, CRI80, 74° beam angle, Non-dimmable LED driver, IP44 from the front, IK07, (HxW) 45x165mm, Class 2, 220-240V. Meets TP(a) requirements.



PRODUCT OVERVIEW

|                                 |                                           |
|---------------------------------|-------------------------------------------|
| Product name                    | START Downlight 150 IP44 1175lm 840       |
| Technology                      | LED                                       |
| Cap/Base                        | N/A                                       |
| Housing                         | Aluminium                                 |
| Mount                           | Ceiling recessed mounting                 |
| General application             | Hospitality, Logistics & Industry, Office |
| ETIM Class                      | EC001744                                  |
| E-number FI                     | 4278146                                   |
| Warranty                        | 5 years                                   |
| Fixture luminous flux (lm)      | 1175                                      |
| Luminous flux (lm)              | 1175                                      |
| Luminaire efficacy (lm/W)       | 98                                        |
| LOR (%)                         | 100                                       |
| Colour temperature (K)          | 4000                                      |
| Light colour                    | Neutral White                             |
| CRI (Ra)                        | 80                                        |
| Colour Variation Initial (SDCM) | SDCM3                                     |
| Beam Angle (°)                  | 74                                        |
| Glare control                   | < 25                                      |
| Photobiological Risk Group      | RG0                                       |
| Total power consumption (W)     | 12                                        |
| Electrical protection           | Class II                                  |
| Control gear type               | LED driver constant current               |
| Dimmable                        | No                                        |
| Dimming method                  | N/A                                       |
| LED Flickering Rate             | Ultra low (5% or less)                    |
| Housing colour                  | RAL 9003 - Signal white                   |
| IP rating                       | IP44/20                                   |
| IK rating                       | IK07                                      |
| Product EAN number              | 5410288303253                             |

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### DATA TABLE

#### General data

|                                                     |                                           |
|-----------------------------------------------------|-------------------------------------------|
| Product name                                        | START Downlight 150 IP44 1175lm 840       |
| Technology                                          | LED                                       |
| Cap/Base                                            | N/A                                       |
| Housing                                             | Aluminium                                 |
| Mount                                               | Ceiling recessed mounting                 |
| General application                                 | Hospitality, Logistics & Industry, Office |
| Operating temperature range (°C)                    | -10°C...+40°C                             |
| Performance ambient temperature T <sub>a</sub> (°C) | 40                                        |
| ETIM Class                                          | EC001744                                  |
| E-number FI                                         | 4278146                                   |
| Warranty                                            | 5 years                                   |

#### Optical data

|                                 |               |
|---------------------------------|---------------|
| Fixture luminous flux (lm)      | 1175          |
| Luminous flux (lm)              | 1175          |
| Luminaire efficacy (lm/W)       | 98            |
| LOR (%)                         | 100           |
| Colour temperature (K)          | 4000          |
| Light colour                    | Neutral White |
| CRI (Ra)                        | 80            |
| Colour Variation Initial (SDCM) | SDCM3         |
| Adjustable chromaticity         | N             |
| Beam Angle (°)                  | 74            |
| Distribution type               | Symmetric     |
| Glare control                   | < 25          |
| Photobiological Risk Group      | RG0           |

#### Electrical data

|                                                                |                             |
|----------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                    | 12                          |
| Mains voltage (V)                                              | 220-240V                    |
| Lamp power factor                                              | 0.9                         |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % | 20                          |
| Electrical protection                                          | Class II                    |
| Control gear required                                          | No                          |
| Control gear type                                              | LED driver constant current |
| No. Of switching cycles before premature failures              | >100000                     |
| Transformer required                                           | No                          |
| Dimmable                                                       | No                          |
| Dimming method                                                 | N/A                         |
| Drive current (mA)                                             | 290                         |
| Inrush Current (A)                                             | 7.48                        |
| Inrush Duration (µs)                                           | 160                         |
| Glow Wire Test (°C)                                            | 850                         |

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|                                                          |                        |
|----------------------------------------------------------|------------------------|
| Energy Efficiency Class (A->G) of contained light source | E                      |
| Nominal Frequency (Hz)                                   | 50/60Hz                |
| LED Flickering Rate                                      | Ultra low (5% or less) |
| Max. Luminaires per 10A C Breaker                        | 56                     |
| Max. Luminaires per 13A C Breaker                        | 70                     |
| Max. Luminaires per 16A C Breaker                        | 88                     |
| Max. Luminaires per 20A C Breaker                        | 110                    |
| Max. Luminaires per 10A B Breaker                        | 33                     |
| Max. Luminaires per 13A B Breaker                        | 42                     |
| Max. Luminaires per 16A B Breaker                        | 52                     |
| Max. Luminaires per 20A B Breaker                        | 66                     |

### Lifetime data

|                  |        |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B20 | 74000  |
| Lifespan L90 B10 | 34000  |

### Physical data

|                                                   |                         |
|---------------------------------------------------|-------------------------|
| Housing colour                                    | RAL 9003 - Signal white |
| IP rating                                         | IP44/20                 |
| IK rating                                         | IK07                    |
| Diffuser finish                                   | Opal                    |
| Diffuser material                                 | PC Polycarbonate        |
| Reflector finish                                  | High-gloss              |
| Nominal Product Height (mm)                       | 45                      |
| Nominal Product Diameter (mm)                     | 165                     |
| Cutout Dimensions (W x L in mm or Diameter in mm) | 150                     |
| Weight (kg)                                       | 0.286                   |
| Recessed Depth (mm)                               | 150                     |

### Packaging

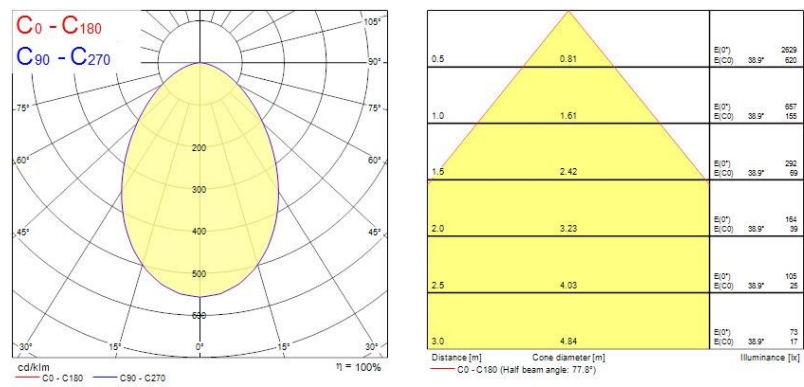
|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288303253  |
| Packaging single length / height (cm) | 19.7           |
| Packaging single width (cm)           | 17.9           |
| Packaging single depth (cm)           | 7.1            |
| DUN14 (outer)                         | 15410288303250 |
| Units per outer package               | 20             |
| Packaging outer length / height (cm)  | 37.9           |
| Packaging outer width (cm)            | 37.6           |
| Packaging outer depth (cm)            | 38.2           |

### Safety data

|                                  |        |
|----------------------------------|--------|
| Optimal operating condition (°C) | -10-40 |
|----------------------------------|--------|

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PHOTOMETRY



TECHNICAL DRAWINGS

