

START Downlight 225 IP44 DALI 2325Lm 830  
0030338



Features

• Ceiling recessed LED downlight IP44 (from the front), with only 65mm product depth and 225mm cutout. Supplied with DALI Tridonic push dim driver with loop in - out option (2800671). Ideal replacement for 2x26W CFL downlights. The polycarbonate diffuser allows for a wider light distribution and increased spacings between luminaires. Die-cast aluminium body, 2325LM, 23W, 101lm/W, 3000K, Driver Current: 650mA, CRI80, 74° beam angle, IP44 from the front, IK07, (HxW) 65x225mm, Class 2, 220-240V. Meets TP(a) requirements.

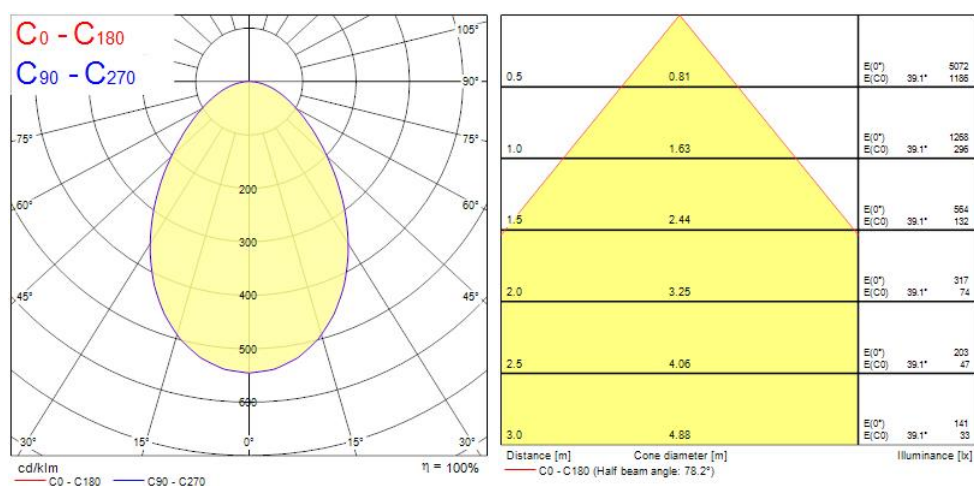
Product Overview

|                                 |                                           |
|---------------------------------|-------------------------------------------|
| Product name                    | START Downlight 225 IP44 DALI 2325Lm 830  |
| Technology                      | LED                                       |
| Cap/Base                        | N/A                                       |
| Housing                         | Aluminium                                 |
| Mount                           | Ceiling recessed mounting                 |
| General application             | Hospitality, Logistics & Industry, Office |
| ETIM Class                      | EC001744                                  |
| E-number FI                     | 4278167                                   |
| Fixture luminous flux (lm)      | 2325                                      |
| Luminous flux (lm)              | 2325                                      |
| Luminaire efficacy (lm/W)       | 101                                       |
| LOR (%)                         | 100                                       |
| Colour temperature (K)          | 3000                                      |
| Light colour                    | Warm White                                |
| CRI (Ra)                        | 80                                        |
| Colour Variation Initial (SDCM) | 5                                         |
| Beam Angle (°)                  | 74                                        |
| Glare control                   | < 25                                      |
| Photobiological Risk Group      | RG0                                       |
| Total power consumption (W)     | 23                                        |

## START Downlight 225 IP44 DALI 2325Lm 830 0030338

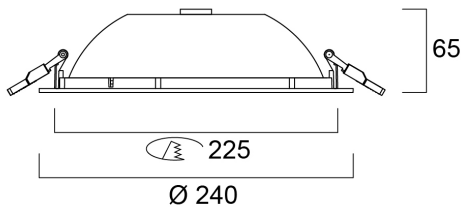
|                           |                             |
|---------------------------|-----------------------------|
| Electrical protection     | Class II                    |
| Control gear type         | LED driver constant current |
| Dimmable                  | Yes                         |
| Minimum dimming level (%) | 1                           |
| LED Flickering Rate       | Ultra low (5% or less)      |
| Housing colour            | RAL 9003 - Signal white     |
| IP rating                 | IP44/20                     |
| IK rating                 | IK07                        |
| Product EAN number        | 5410288303383               |
| Warranty                  | 5 years                     |
| Dimming method            | DALI                        |

## Photometry



START Downlight 225 IP44 DALI 2325Lm 830  
0030338

Technical drawings



Data table

GENERAL DATA

|                                         |                                           |
|-----------------------------------------|-------------------------------------------|
| Product name                            | START Downlight 225 IP44 DALI 2325Lm 830  |
| 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 Tq (°C) | 25                                        |
| ETIM Class                              | EC001744                                  |
| E-number FI                             | 4278167                                   |
| Warranty                                | 5 years                                   |

OPTICAL DATA

|                            |      |
|----------------------------|------|
| Fixture luminous flux (lm) | 2325 |
| Luminous flux (lm)         | 2325 |

## START Downlight 225 IP44 DALI 2325Lm 830 0030338

|                                 |            |
|---------------------------------|------------|
| Luminaire efficacy (lm/W)       | 101        |
| LOR (%)                         | 100        |
| Colour temperature (K)          | 3000       |
| Light colour                    | Warm White |
| CRI (Ra)                        | 80         |
| Colour Variation Initial (SDCM) | 5          |
| Adjustable chromaticity         | N          |
| Beam Angle (°)                  | 74         |
| Distribution type               | Symmetric  |
| Glare control                   | < 25       |
| Photobiological Risk Group      | RG0        |

### ELECTRICAL DATA

|                                                                  |                             |
|------------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                      | 23                          |
| Mains voltage (V)                                                | 220-240V                    |
| Lamp power factor                                                | 0.96                        |
| 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                     |
| Dimmable                                                         | Yes                         |
| Dimming method                                                   | DALI                        |
| Minimum dimming level (%)                                        | 1                           |
| Drive current (mA)                                               | 650                         |
| Inrush Current (A)                                               | 25                          |
| Inrush Duration (µs)                                             | 140                         |
| Glow Wire Test (°C)                                              | 850                         |
| 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                                | 31                          |

## START Downlight 225 IP44 DALI 2325Lm 830 0030338

|                                   |    |
|-----------------------------------|----|
| Max. Luminaires per 13A C Breaker | 40 |
| Max. Luminaires per 16A C Breaker | 51 |
| Max. Luminaires per 20A C Breaker | 66 |
| Max. Luminaires per 10A B Breaker | 19 |
| Max. Luminaires per 13A B Breaker | 24 |
| Max. Luminaires per 16A B Breaker | 31 |
| Max. Luminaires per 20A B Breaker | 40 |

### 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)                       | 65                      |
| Nominal Product Diameter (mm)                     | 240                     |
| Cutout Dimensions (W x L in mm or Diameter in mm) | 225                     |
| Weight (kg)                                       | 0.56                    |
| Recessed Depth (mm)                               | 150                     |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288303383  |
| Packaging single length / height (cm) | 25.8           |
| Packaging single width (cm)           | 25.8           |
| Packaging single depth (cm)           | 10.0           |
| DUN14 (outer)                         | 15410288303380 |



START Downlight 225 IP44 DALI 2325Lm 830  
0030338

|                                      |      |
|--------------------------------------|------|
| Units per outer package              | 12   |
| Packaging outer length / height (cm) | 53.0 |
| Packaging outer width (cm)           | 53.0 |
| Packaging outer depth (cm)           | 32.5 |

SAFETY DATA

|                                     |        |
|-------------------------------------|--------|
| Optimal operating condition (°C)    | -10-40 |
| Special purpose lamp                | No     |
| Dry applications use only           | No     |
| Suitable for household illumination | No     |