

START DOWNLIGHT 205 IP54 SSC01 2150LM 840 DALI  
0030376



Features

- Ceiling recessed LED downlight IP54 (from the front), with only 60mm product depth and 205mm cutout. Ideal replacement for 1x42W CFL downlights. The polycarbonate diffuser allows for a wider light distribution and increased spacings between luminaires. Die-cast aluminium body, 20W,4000K, Driver Current: 600mA, CRI80, 74° beam angle, IP54 from the front, IK07, (HxW) 60x205mm, Class 2, 220-240V, SylSmart Standalone Scene enabled . Meets TP(a) requirements.

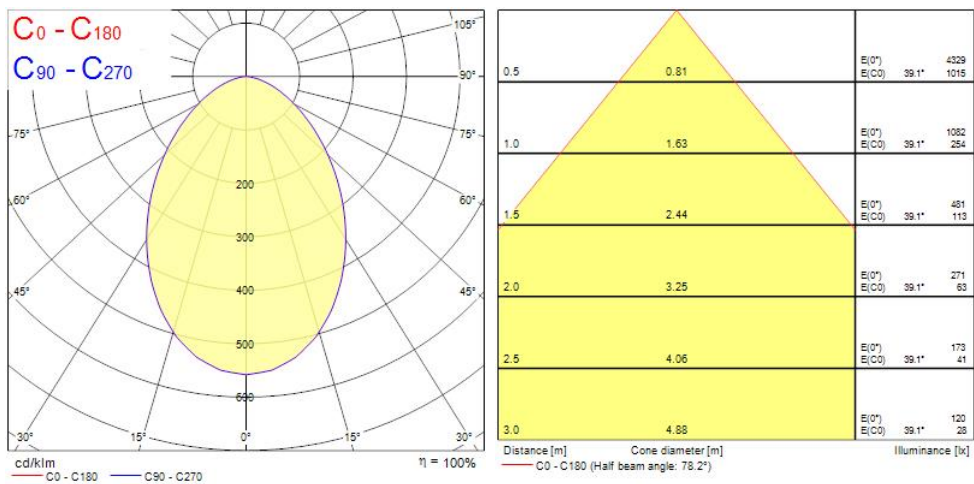
Product Overview

|                                   |                                                |
|-----------------------------------|------------------------------------------------|
| Product name                      | START DOWNLIGHT 205 IP54 SSC01 2150LM 840 DALI |
| Technology                        | LED                                            |
| Cap/Base                          | N/A                                            |
| Housing                           | Aluminium                                      |
| Mount                             | Ceiling recessed mounting                      |
| General application               | Hospitality, Retail                            |
| ETIM Class                        | EC001744                                       |
| Fixture luminous flux (lm)        | 2150                                           |
| Luminaire efficacy (lm/W)         | 108                                            |
| LOR (%)                           | 100                                            |
| Correlated colour temperature (k) | 4000                                           |
| Light colour                      | Neutral White                                  |
| CRI (Ra)                          | 80                                             |
| Colour Variation Initial (SDCM)   | 3                                              |
| Beam Angle (°)                    | 74                                             |
| Glare control                     | < 25                                           |
| Photobiological Risk Group        | RG0                                            |
| Total power consumption (W)       | 20                                             |

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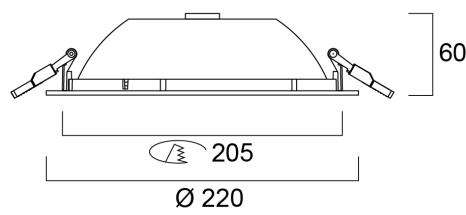
|                       |                        |
|-----------------------|------------------------|
| Electrical protection | Class II               |
| Control gear type     | Electronic ballast     |
| Dimmable              | Yes                    |
| LED Flickering Rate   | Ultra low (5% or less) |
| Housing colour        | RAL9003                |
| IP rating             | IP54/20                |
| IK rating             | IK07                   |
| Product EAN number    | 5410288303765          |
| Warranty              | 5 years                |
| Dimming method        | SylSmart SSC           |

Photometry



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Technical drawings



Data table

GENERAL DATA

|                                         |                                                |
|-----------------------------------------|------------------------------------------------|
| Product name                            | START DOWNLIGHT 205 IP54 SSC01 2150LM 840 DALI |
| Technology                              | LED                                            |
| Cap/Base                                | N/A                                            |
| Housing                                 | Aluminium                                      |
| Mount                                   | Ceiling recessed mounting                      |
| General application                     | Hospitality, Retail                            |
| Operating temperature range (°C)        | -10°C...+25°C                                  |
| Performance ambient temperature Tq (°C) | 25                                             |
| ETIM Class                              | EC001744                                       |
| Warranty                                | 5 years                                        |

OPTICAL DATA

|                            |      |
|----------------------------|------|
| Fixture luminous flux (lm) | 2150 |
| Luminaire efficacy (lm/W)  | 108  |

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|                                   |               |
|-----------------------------------|---------------|
| LOR (%)                           | 100           |
| Correlated colour temperature (k) | 4000          |
| Light colour                      | Neutral White |
| CRI (Ra)                          | 80            |
| Colour Variation Initial (SDCM)   | 3             |
| Adjustable chromaticity           | N             |
| Beam Angle (°)                    | 74            |
| Distribution type                 | Diffuse       |
| Glare control                     | < 25          |
| Photobiological Risk Group        | RG0           |

### ELECTRICAL DATA

|                                                                  |                        |
|------------------------------------------------------------------|------------------------|
| Total power consumption (W)                                      | 20                     |
| Primary Supply/Product voltage - min (V)                         | 220.0                  |
| Primary Supply/Product voltage - max (V)                         | 240.0                  |
| Lamp power factor                                                | 0.95                   |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x % | 10                     |
| Electrical protection                                            | Class II               |
| Control gear required                                            | No                     |
| Control gear type                                                | Electronic ballast     |
| Dimmable                                                         | Yes                    |
| Dimming method                                                   | SylSmart SSC           |
| Drive current (mA)                                               | 600                    |
| Inrush Current (A)                                               | 5                      |
| Inrush Duration (µs)                                             | 50                     |
| Energy Efficiency Class (A->G) of contained light source         | E                      |
| Nominal Frequency (Hz)                                           | 50/60Hz                |
| LED Flickering Rate                                              | Ultra low (5% or less) |
| Max. products per 10A C Breaker                                  | 52                     |
| Max. products per 16A C Breaker                                  | 85                     |
| Max. products per 20A C Breaker                                  | 54                     |
| Max. products per 10A B Breaker                                  | 32                     |
| Max. products per 16A B Breaker                                  | 50                     |

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|                                                                 |     |
|-----------------------------------------------------------------|-----|
| Max. products per 20A B Breaker                                 | 63  |
| Connectable conductor cross section -<br>Min (mm <sup>2</sup> ) | 0.5 |
| Connectable conductor cross section -<br>Max (mm <sup>2</sup> ) | 1.5 |

### LIFETIME DATA

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

### PHYSICAL DATA

|                               |                  |
|-------------------------------|------------------|
| Housing colour                | RAL9003          |
| IP rating                     | IP54/20          |
| IK rating                     | IK07             |
| Diffuser finish               | Opal             |
| Diffuser material             | PC Polycarbonate |
| Reflector finish              | High-gloss       |
| Nominal Product Height (mm)   | 95               |
| Nominal Product Diameter (mm) | 220              |
| Weight (kg)                   | 0.6              |
| Recessed Depth (mm)           | 150              |

### PACKAGING

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288303765  |
| Packaging single length / height (cm) | 23.0           |
| Packaging single width (cm)           | 23.0           |
| Packaging single depth (cm)           | 8.0            |
| DUN14 (inner)                         | 05410288303765 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 23.0           |
| Packaging outer width (cm)            | 23.0           |
| Packaging outer depth (cm)            | 8.0            |



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SAFETY DATA

|                                     |        |
|-------------------------------------|--------|
| Glow Wire Test (°C)                 | 850    |
| Optimal operating condition (°C)    | -10-25 |
| Special purpose lamp                | No     |
| Dry applications use only           | No     |
| Suitable for household illumination | No     |