

SylFlat LED Dimmable - Recessed  
Sylflat 105 IP44 550lm 830 DIM  
0053988



Product features

- Sylflat DIM is an integrated LED recessed downlight with a separate phase dimmable driver and Loop in out box; 7W; 550Lm; 79Lm/W; 3000K; IP44 rated from the front; 50,000hrs (L70B50).



NOTES

undefined

PRODUCT OVERVIEW

|                                 |                                |
|---------------------------------|--------------------------------|
| Product name                    | Sylflat 105 IP44 550lm 830 DIM |
| Technology                      | LED                            |
| Housing                         | Aluminium                      |
| Mount                           | Ceiling recessed mounting      |
| General application             | Hospitality                    |
| ETIM Class                      | EC001744                       |
| E-number FI                     | 4278197                        |
| Warranty                        | 5 years                        |
| Fixture luminous flux (lm)      | 550                            |
| Luminaire efficacy (lm/W)       | 78                             |
| Colour temperature (K)          | 3000                           |
| Light colour                    | Warm White                     |
| CRI (Ra)                        | 80                             |
| Colour Variation Initial (SDCM) | SDCM3                          |
| Beam Angle (°)                  | 120                            |
| Glare control                   | < 28                           |
| Photobiological Risk Group      | RG0                            |
| Total power consumption (W)     | 7                              |
| Electrical protection           | Class II                       |
| Control gear type               | LED driver constant current    |
| Dimmable                        | Yes                            |
| LED Flickering Rate             | Ultra low (5% or less)         |
| Housing colour                  | RAL 9003 - Signal white        |
| IP rating                       | IP44/20                        |
| IK rating                       | IK06                           |
| Product EAN number              | 5410288539881                  |

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### DATA TABLE

#### General data

|                                         |                                |
|-----------------------------------------|--------------------------------|
| Product name                            | Sylflat 105 IP44 550lm 830 DIM |
| Technology                              | LED                            |
| Housing                                 | Aluminium                      |
| Mount                                   | Ceiling recessed mounting      |
| General application                     | Hospitality                    |
| Operating temperature range (°C)        | -20°C - 40°C                   |
| Performance ambient temperature Tq (°C) | 25                             |
| ETIM Class                              | EC001744                       |
| E-number FI                             | 4278197                        |
| Warranty                                | 5 years                        |

#### Optical data

|                                 |            |
|---------------------------------|------------|
| Fixture luminous flux (lm)      | 550        |
| Luminaire efficacy (lm/W)       | 78         |
| Colour temperature (K)          | 3000       |
| Light colour                    | Warm White |
| CRI (Ra)                        | 80         |
| Colour Variation Initial (SDCM) | SDCM3      |
| Beam Angle (°)                  | 120        |
| Distribution type               | Symmetric  |
| Glare control                   | < 28       |
| Photobiological Risk Group      | RG0        |

#### Electrical data

|                                                                |                             |
|----------------------------------------------------------------|-----------------------------|
| Total power consumption (W)                                    | 7                           |
| Mains voltage (V)                                              | 220-240V~                   |
| Lamp power factor                                              | 0.9                         |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % | 20.0                        |
| Electrical protection                                          | Class II                    |
| Control gear required                                          | No                          |
| Control gear type                                              | LED driver constant current |
| Dimmable                                                       | Yes                         |
| Drive current (mA)                                             | 180                         |
| Inrush Current (A)                                             | 2.35                        |
| Inrush Duration (µs)                                           | 120                         |
| Glow Wire Test (°C)                                            | 650                         |
| Energy Efficiency Class (A->G) of contained light source       | D                           |
| Nominal Frequency (Hz)                                         | 50Hz                        |
| LED Flickering Rate                                            | Ultra low (5% or less)      |
| Max. Luminaires per 10A C Breaker                              | 133                         |
| Max. Luminaires per 13A C Breaker                              | 173                         |
| Max. Luminaires per 16A C Breaker                              | 213                         |
| Max. Luminaires per 20A C Breaker                              | 267                         |

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|                                   |     |
|-----------------------------------|-----|
| Max. Luminaires per 10A B Breaker | 133 |
| Max. Luminaires per 13A B Breaker | 173 |
| Max. Luminaires per 16A B Breaker | 213 |
| Max. Luminaires per 20A B Breaker | 267 |

### Lifetime data

|                  |       |
|------------------|-------|
| Lifespan L70 B50 | 50000 |
| Lifespan L80 B50 | 50000 |

### Physical data

|                                                   |                         |
|---------------------------------------------------|-------------------------|
| Housing colour                                    | RAL 9003 - Signal white |
| IP rating                                         | IP44/20                 |
| IK rating                                         | IK06                    |
| Diffuser finish                                   | Opal                    |
| Diffuser material                                 | Other                   |
| Nominal Product Length (mm)                       | 120                     |
| Nominal Product Width (mm)                        | 120                     |
| Nominal Product Height (mm)                       | 21                      |
| Nominal Product Diameter (mm)                     | 120                     |
| Cutout Dimensions (W x L in mm or Diameter in mm) | 105                     |
| Weight (kg)                                       | 0.237                   |

### Packaging

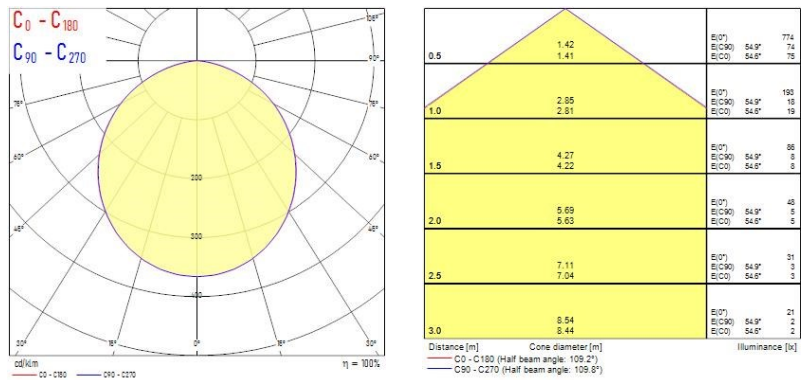
|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288539881  |
| Packaging single length / height (cm) | 19.5           |
| Packaging single width (cm)           | 12.5           |
| Packaging single depth (cm)           | 4.2            |
| DUN14 (outer)                         | 15410288539888 |
| Units per outer package               | 15             |
| Packaging outer length / height (cm)  | 39.0           |
| Packaging outer width (cm)            | 23.0           |
| Packaging outer depth (cm)            | 21.0           |

### Safety data

|                                  |        |
|----------------------------------|--------|
| Optimal operating condition (°C) | -20-40 |
|----------------------------------|--------|

## PHOTOMETRY

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TECHNICAL DRAWINGS

