

Sylflat 105 IP44 600lm 840 DIM

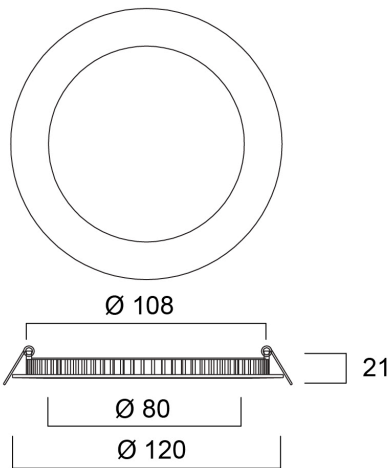
Item No: 0053989



Sylflat DIM is an integrated LED recessed downlight with a separate phase dimmable driver and Loop in out box; 7W; 600Lm; 86Lm/W; 4000K; IP44 rated from the front; 50,000hrs (L70B50).

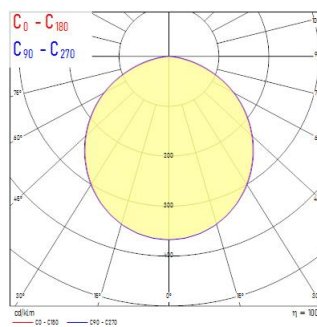
Technical Assets

Dimensions (mm)



Photometrics

| Distance [m] | Core diameter [m] | Beam diameter [m] | Beam angle [°] | Beam angle [°] | Beam angle [°] | Illuminance [lx] |
|--------------|-------------------|-------------------|----------------|----------------|----------------|------------------|
| 0.5 | 1.41 | 1.43 | 54° | 54° | 54° | 980 |
| | | | 54° | 54° | 54° | 54 |
| 1.0 | 2.81 | 2.86 | 54° | 54° | 54° | 248 |
| | | | 54° | 54° | 54° | 21 |
| 1.5 | 4.22 | 4.28 | 54° | 54° | 54° | 98 |
| | | | 54° | 54° | 54° | 9 |
| 2.0 | 5.63 | 5.71 | 54° | 54° | 54° | 54 |
| | | | 54° | 54° | 54° | 6 |
| 2.5 | 7.04 | 7.14 | 54° | 54° | 54° | 35 |
| | | | 54° | 54° | 54° | 4 |
| 3.0 | 8.44 | 8.57 | 54° | 54° | 54° | 24 |
| | | | 54° | 54° | 54° | 2 |



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SYLVANIA

General data

| | |
|---|--------------------------------|
| Product name | Sylflat 105 IP44 600lm 840 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 | 4278198 |
| Warranty | 5 years |

Optical data

| | |
|-----------------------------------|------------|
| Fixture luminous flux (lm) | 600 |
| Luminaire efficacy (lm/W) | 85 |
| Correlated colour temperature (k) | 4000 |
| Light colour | Cool 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 |
| Primary Supply/Product voltage - min (V) | 220 |
| Primary Supply/Product voltage - max (V) | 240 |
| 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 |
| Dimming method | Mains: leading / trailing edge |
| Drive current (mA) | 180 |
| Inrush Current (A) | 2.35 |
| Inrush Duration (µs) | 120 |
| Energy Efficiency Class (A->G) of contained light source | E |
| Nominal Frequency (Hz) | 50Hz |
| LED Flickering Rate | Ultra low (5% or less) |
| Max. products per 10A C Breaker | 133 |
| Max. products per 13A C Breaker | 173 |
| Max. products per 16A C Breaker | 213 |
| Max. products per 20A C Breaker | 267 |
| Max. products per 10A B Breaker | 133 |
| Max. products per 13A B Breaker | 173 |
| Max. products per 16A B Breaker | 213 |
| Max. products per 20A B Breaker | 267 |

Lifetime data

| | |
|------------------|-------|
| Lifespan L70 B50 | 60000 |
| Lifespan L90 B10 | 23000 |

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SYLVANIA

Physical data

| | |
|-------------------------------|-------------------------|
| Housing colour | RAL 9003 - Signal white |
| IP rating | IP44/20 |
| IK rating | IK06 |
| Diffuser finish | Opal |
| Diffuser material | PS Polystyrene |
| Nominal Product Height (mm) | 21 |
| Nominal Product Diameter (mm) | 120 |
| Weight (kg) | 0.237 |

Packaging

| | |
|---------------------------------------|----------------|
| Product EAN number | 5410288539898 |
| Packaging single length / height (cm) | 19.5 |
| Packaging single width (cm) | 12.5 |
| Packaging single depth (cm) | 4.2 |
| DUN14 (inner) | 15410288539895 |
| 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

| | |
|----------------------------------|--------|
| Glow Wire Test (°C) | 650 |
| Optimal operating condition (°C) | -20-40 |