

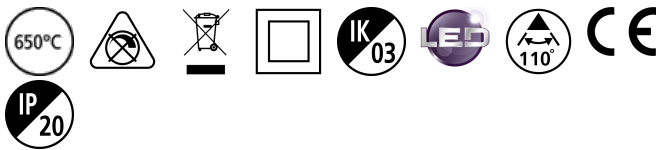
SylFlat LED Non Dimmable - Recessed

SYLFLAT 1000 ROUND 4000K
0053294



Product features

- Integrated round recessed 165mm diameter LED downlight providing uniform distribution with an opal diffuser, 110° beam angle, 1000LM, 12W, 83lm/W, 4000K, CRI80, non-dimmable, IP20, IK03, 30,000hrs (L70)



PRODUCT OVERVIEW

| | |
|---------------------------------|--------------------------|
| IPC Code | 0053294 |
| Product name | SYLFLAT 1000 ROUND 4000K |
| Technology | LED |
| Housing | Plastic |
| Mount | Ceiling recessed |
| Fixture rating | Enclosed |
| Environment | Internal |
| General application | Residential & Consumer |
| Certifications | EUNEW008 |
| ETIM Class | EC001744 |
| E-number FI | 4274332 |
| Fixture luminous flux (lm) | 1000 |
| Luminous flux (lm) | 960 |
| Luminaire efficacy (lm/W) | 83 |
| LOR (%) | 100 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | 6 |
| Colour Consistency (SDCM) | 5 |
| Beam Angle (°) | 110 |
| Glare control | UGR 28 |
| Photobiological Risk Group | RG0 |
| Total power consumption (W) | 12 |
| Electrical protection | Class II |
| Control gear type | Electronic |
| Control gear mounting | Integrated |
| Dimmable | No |
| Average life (Nominal) (h) | 30000 |
| Housing colour | White |
| IP rating | IP20 |
| IK rating | IK03 |
| Product EAN number | 5410288532943 |

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| | |
|---------------|----------------|
| Lamps | No |
| Included lamp | INTEGRATED LED |

DATA TABLE

General data

| | |
|----------------------------------|--------------------------|
| IPC Code | 0053294 |
| Product name | SYLFLAT 1000 ROUND 4000K |
| Technology | LED |
| Housing | Plastic |
| Mount | Ceiling recessed |
| Fixture rating | Enclosed |
| Environment | Internal |
| General application | Residential & Consumer |
| Operating temperature range (°C) | (-10) - 40°C |
| Certifications | EUNEW008 |
| ETIM Class | EC001744 |
| E-number FI | 4274332 |

Optical data

| | |
|---------------------------------|---------------|
| Fixture luminous flux (lm) | 1000 |
| Luminous flux (lm) | 960 |
| Luminaire efficacy (lm/W) | 83 |
| LOR (%) | 100 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | 6 |
| Colour Consistency (SDCM) | 5 |
| Adjustable chromaticity | N |
| Beam Angle (°) | 110 |
| Distribution type | Direct |
| Glare control | UGR 28 |
| Photobiological Risk Group | RG0 |

Electrical data

| | |
|-----------------------------------|------------|
| Total power consumption (W) | 12 |
| Mains voltage (V) | 220-240V~ |
| Lamp power factor | 0.9 |
| Electrical protection | Class II |
| Control gear type | Electronic |
| Control gear mounting | Integrated |
| Dimmable | No |
| Drive current (mA) | 105 |
| Inrush Current (A) | 4 |
| Inrush Duration (µs) | 51 |
| Glow Wire Test (°C) | 650 |
| Nominal Frequency (Hz) | 50/60Hz |
| Max. Luminaires per 10A C Breaker | 13 |

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Max. Luminaires per 16A C Breaker 20

Lifetime data

| | |
|-----------------------------|-------|
| Lumen maintenance - L70 B50 | 30000 |
| Average life (Nominal) (h) | 30000 |

Physical data

| | |
|-------------------------------|---------------|
| Housing colour | White |
| IP rating | IP20 |
| IK rating | IK03 |
| Diffuser finish | Opal |
| Diffuser material | Polycarbonate |
| Nominal Product Length (mm) | 165 |
| Nominal Product Width (mm) | 165 |
| Nominal Product Height (mm) | 27 |
| Nominal Product Diameter (mm) | 165 |
| Max. Lamp Diameter (mm) - D | 165 |
| Weight (kg) | 0.178 |
| Recessed Depth (mm) | 27 |

Packaging

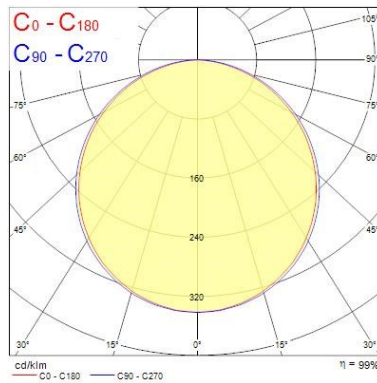
| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5410288532943 |
| Packaging single length / height (cm) | 23.6 |
| Packaging single width (cm) | 6.6 |
| Packaging single depth (cm) | 17.7 |
| DUN14 (outer) | 15410288532940 |
| Units per outer package | 6 |
| Packaging outer length / height (cm) | 43.0 |
| Packaging outer width (cm) | 25.0 |
| Packaging outer depth (cm) | 20.0 |

PHOTOMETRY

| Distance [m] | Cone diameter [m] | E(0°) | E(C90) | E(C0) |
|--------------|-------------------|-------|--------------|--------------|
| 0.5 | 1.56 1.49 | 1515 | 87.4° 118 | 86.1° 132 |
| 1.0 | 3.13 2.98 | 379 | 87.4° 32 | 86.1° 32 |
| 1.5 | 4.69 4.46 | 169 | 87.4° 13 | 86.1° 13 |
| 2.0 | 6.25 5.95 | 98 | 87.4° 7 | 86.1° 7 |
| 2.5 | 7.82 7.44 | 61 | 87.4° 5 | 86.1° 5 |
| 3.0 | 9.38 8.93 | 42 | 87.4° 3 | 86.1° 3 |

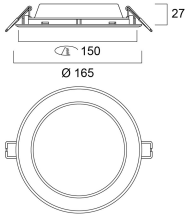
Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 112.2°)
— C90 - C270 (Half beam angle: 114.8°)





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TECHNICAL DRAWINGS




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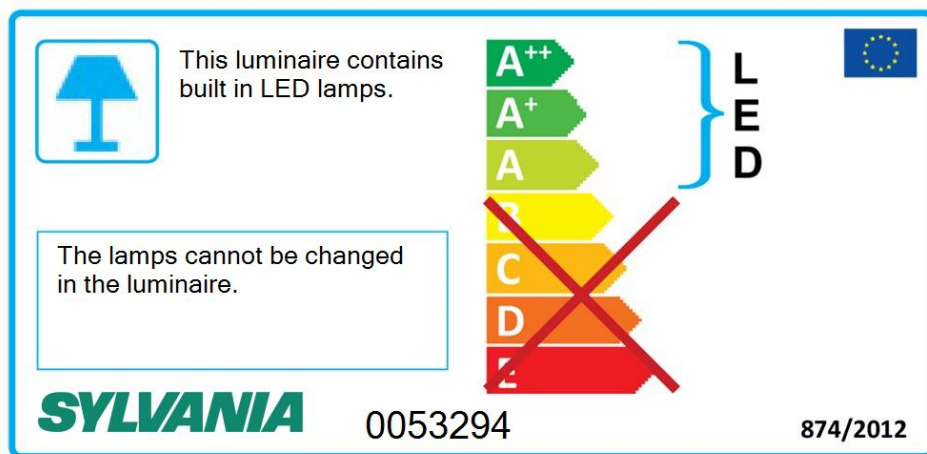
 This luminaire contains built in LED lamps.

 } LED

The lamps cannot be changed in the luminaire.

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This luminaire contains built in LED lamps.

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Energy efficiency scale (A++ to E) with A++ to A marked as LED. A red 'X' is drawn over the B, C, D, and E categories. A blue bracket groups A++ through A as 'LED'. The European Union flag is in the top right corner.