

START Panel 1200x300 HE 4100Lm 840 LILO

Item No: 0042879

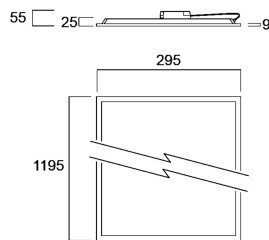
SYLVANIA



LED Panel with backlit technology, ideal for general indoor lighting applications such as breakout areas, offices and meeting rooms. Extruded aluminium frame, passive cooling. Low glaring UGR<22. RG0, 110 degree beam angle, optical system: PS diffuser with Opal finish. Light color temperature: 4000K Neutral White, total system power: 34W, total fixture output: 4100lm, efficacy: 121 lm/W, Ra80 typical, LED chromacity: 3 step MacAdam ellipse (SDCM3), lifespan: 100,000 hours at 70% of the original output (L70B50), IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, low flicker, non dimmable driver, electrical protection: Class II. Degree of Protection: IP40/IP20, suitable for indoor environment only. Nominal size: 1195x295mm, Loop in / loop out wiring, safety cables included, 25mm nominal height, White color frame, weight: 1,9Kg.

Technical Assets

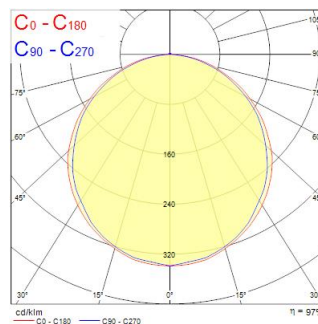
Dimensions (mm)



Photometrics

| Distance [m] | Cone diameter [m] | Beam diameter [m] | Beam diameter [m] | Illuminance [lx] |
|--------------|-------------------|-------------------|-------------------|------------------|
| 0.5 | 1.44 1.53 | 0.07 0.08 | 0.07 0.08 | 5497 5071 |
| 1.0 | 2.88 3.06 | 0.14 0.16 | 0.14 0.16 | 1374 1268 |
| 1.5 | 4.32 4.58 | 0.21 0.24 | 0.21 0.24 | 611 568 |
| 2.0 | 5.76 6.11 | 0.28 0.32 | 0.28 0.32 | 344 321 |
| 2.5 | 7.20 7.64 | 0.35 0.40 | 0.35 0.40 | 220 205 |
| 3.0 | 8.67 9.17 | 0.42 0.48 | 0.42 0.48 | 160 148 |

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 113.6°)
 — C90 - C270 (Half beam angle: 110.6°)



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General data

| | |
|---|---|
| Product name | START Panel 1200x300 HE 4100Lm 840 LILO |
| Technology | LED |
| Cap/Base | N/A |
| Housing | Aluminium, Steel |
| Mount | Ceiling recessed mounting |
| Built in presence detector | NONE |
| General application | Education, Office |
| Operating temperature range (°C) | -10°C...+45°C |
| Performance ambient temperature Tq (°C) | 25 |
| Virtual assistant compatibility | N/A |
| ETIM Class | EC002892 |
| E-number FI | 4278474 |
| Warranty | 5 years |

Optical data

| | |
|-----------------------------------|---------------|
| Fixture luminous flux (lm) | 4100 |
| Luminaire efficacy (lm/W) | 121 |
| Correlated colour temperature (k) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Beam Angle (°) | 110 |
| Distribution type | Symmetric |
| Glare control | < 22 |
| Photobiological Risk Group | RG0 |

Electrical data

| | |
|--|-----------------------------|
| Emergency type | |
| Total power consumption (W) | 34 |
| Primary Supply/Product voltage - min (V) | 220.0 |
| Primary Supply/Product voltage - max (V) | 240.0 |
| 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 type | LED driver constant current |
| Dimmable | No |
| Dimming method | N/A |
| Drive current (mA) | 900 |
| Inrush Current (A) | 20 |
| Inrush Duration (µs) | 170 |
| Energy Efficiency Class (A->G) of contained light source | D |
| Nominal Frequency (Hz) | 50/60Hz |
| LED Flickering Rate | Ultra low (5% or less) |
| Max. products per 10A C Breaker | 51 |
| Max. products per 13A C Breaker | 66 |
| Max. products per 16A C Breaker | 81 |
| Max. products per 20A C Breaker | 102 |
| Max. products per 10A B Breaker | 33 |
| Max. products per 13A B Breaker | 43 |
| Max. products per 16A B Breaker | 54 |
| Max. products per 20A B Breaker | 68 |
| Connectable conductor cross section - Max (mm ²) | 1.5 |

Lifetime data

| | |
|------------------|--------|
| Lifespan L70 B50 | 100000 |
| Lifespan L80 B20 | 71000 |

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Physical data

| | |
|-----------------------------|-------------------------|
| Housing colour | RAL 9003 - Signal white |
| IP rating | IP40/20 |
| IK rating | IK03 |
| Diffuser finish | Diffuse |
| Diffuser material | Other |
| Nominal Product Length (mm) | 1195 |
| Nominal Product Width (mm) | 295 |
| Nominal Product Height (mm) | 25 |
| Weight (kg) | 1.654 |

Packaging

| | |
|---------------------------------------|----------------|
| Product EAN number | 5410288428796 |
| Packaging single length / height (cm) | 121.7 |
| Packaging single width (cm) | 3.8 |
| Packaging single depth (cm) | 34.3 |
| DUN14 (inner) | 15410288428793 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 121.7 |
| Packaging outer width (cm) | 3.8 |
| Packaging outer depth (cm) | 34.3 |

Safety data

| | |
|----------------------------------|--------|
| Glow Wire Test (°C) | 650 |
| Optimal operating condition (°C) | -10-45 |