

Optix Linear Surface Sylvania 1200 Direct

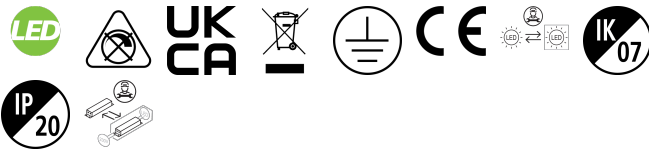
OPTIX LINEAR SURFACE 1200 4000K ALU

0045519



Product features

- OPTIX LINEAR SURFACE 1200 4000K ALU is a high efficacy low glare linear luminaire for office and education applications. Suitable for continuous light line installations with accessories separately available. Surface and suspended mounting. Size: 1129x90x80mm. Aluminised plastic extra low glare optics in a single line configuration. White RAL9016 fixture body. Constant current driver. 4000K Neutral White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 3400lm. Power consumption 26W. Luminaire efficacy 131lm/W. Lifespan: 48,000 hours L90B10. UGR<19, Luminance at 65°<200 Cd/m2, IK07, IP20. Ultra Low Flicker: <5% Photobiological safety risk group 1. Electrical protection Class I. Glow wire test 850°C.



PRODUCT OVERVIEW

| | |
|---------------------------------|-------------------------------------|
| Product name | OPTIX LINEAR SURFACE 1200 4000K ALU |
| Technology | LED (3 SDCM) |
| Cap/Base | N/A |
| Housing | Steel |
| Fixture rating | Enclosed |
| General application | Office, Education |
| ETIM Class | EC002892 |
| Warranty | 5 years |
| Fixture luminous flux (lm) | 3400 |
| Luminaire efficacy (lm/W) | 131 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Glare control | < 19 |
| Photobiological Risk Group | RG1 |
| Total power consumption (W) | 26 |
| Electrical protection | Class I |
| Dimmable | No |
| Dimming method | N/A |
| LED Flickering Rate | Ultra low (5% or less) |
| Housing colour | RAL 9016 - Traffic white / Bezel |
| IP rating | IP20 |
| IK rating | IK07 |
| Product EAN number | 5410288455198 |

DATA TABLE

General data

| | |
|--------------|-------------------------------------|
| Product name | OPTIX LINEAR SURFACE 1200 4000K ALU |
| Technology | LED (3 SDCM) |

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| | |
|---|-------------------|
| Cap/Base | N/A |
| Housing | Steel |
| Fixture rating | Enclosed |
| General application | Office, Education |
| Performance ambient temperature Tq (°C) | 25 |
| ETIM Class | EC002892 |
| Warranty | 5 years |

Optical data

| | |
|---------------------------------|---------------|
| Fixture luminous flux (lm) | 3400 |
| Luminaire efficacy (lm/W) | 131 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | SDCM3 |
| Glare control | < 19 |
| Photobiological Risk Group | RG1 |

Electrical data

| | |
|--|------------------------|
| Total power consumption (W) | 26 |
| Mains voltage (V) | 220-240V |
| Lamp power factor | 0.95 |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % | 8 |
| Electrical protection | Class I |
| Control gear required | No |
| Dimmable | No |
| Dimming method | N/A |
| Drive current (mA) | 500 |
| Inrush Current (A) | 25 |
| Inrush Duration (µs) | 250 |
| Energy Efficiency Class (A->G) of contained light source | C |
| Nominal Frequency (Hz) | 50/60Hz |
| LED Flickering Rate | Ultra low (5% or less) |
| Max. Luminaires per 10A C Breaker | 27 |
| Max. Luminaires per 13A C Breaker | 35 |
| Max. Luminaires per 16A C Breaker | 45 |
| Max. Luminaires per 20A C Breaker | 58 |
| Max. Luminaires per 10A B Breaker | 16 |
| Max. Luminaires per 13A B Breaker | 21 |
| Max. Luminaires per 16A B Breaker | 27 |
| Max. Luminaires per 20A B Breaker | 35 |

Lifetime data

| | |
|------------------|--------|
| Lifespan L70 B50 | 120000 |
| Lifespan L80 B20 | 107500 |
| Lifespan L90 B10 | 48500 |

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Physical data

| | |
|-----------------------------|----------------------------------|
| Housing colour | RAL 9016 - Traffic white / Bezel |
| IP rating | IP20 |
| IK rating | IK07 |
| Diffuser finish | Matt/satinized |
| Diffuser material | PC Polycarbonate |
| Nominal Product Length (mm) | 1129 |
| Nominal Product Width (mm) | 90 |
| Nominal Product Height (mm) | 80 |
| Weight (kg) | 3.25 |

Packaging

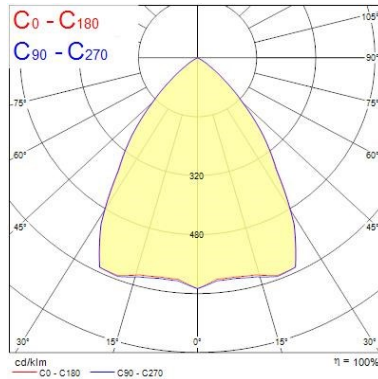
| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5410288455198 |
| Packaging single length / height (cm) | 119.0 |
| Packaging single width (cm) | 10.0 |
| Packaging single depth (cm) | 11.0 |
| DUN14 (outer) | 05410288455198 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 119.0 |
| Packaging outer width (cm) | 10.0 |
| Packaging outer depth (cm) | 11.0 |

PHOTOMETRY

| Distance [m] | Cone diameter [m] | E(0°) | E(C90) | E(C0) |
|--------------|-------------------|-------|--------|-------|
| 0.5 | 0.78 0.78 | 8522 | 2109 | 2115 |
| 1.0 | 1.56 1.56 | 2130 | 527 | 529 |
| 1.5 | 2.34 2.34 | 947 | 234 | 235 |
| 2.0 | 3.13 3.11 | 593 | 152 | 152 |
| 2.5 | 3.91 3.89 | 341 | 84 | 85 |
| 3.0 | 4.69 4.67 | 237 | 59 | 59 |

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

— C0 - C180 (Half beam angle: 75.8°)
— C90 - C270 (Half beam angle: 76.0°)



TECHNICAL DRAWINGS

