

Optix Recessed 600x600 Medium Output

OPTIX RECESSED 600x600 3L 3000K ALU
0044103



Product features

- OPTIX RECESSED 600x600 3L 3000K ALU is a high efficacy low glare luminaire for office and education applications. Ceiling recessed 600x600 mm. Aluminised plastic extra low glare optics in 3 lines configuration. White RAL9016 fixture body. Constant current driver. 3000K Warm White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 3250lm. Power consumption 26W. Luminaire efficacy 125lm/W. Lumen maintenance of L90B50 > 72000h, L90B10 = 46000h. UGR<16, Luminance at 65°<200 Cd/m2, IK07, IP20. Photobiological safety risk group 0. Electrical protection Class I. Glow wire test 850°C.



PRODUCT OVERVIEW

| | |
|---------------------------------|-------------------------------------|
| IPC Code | 0044103 |
| Product name | OPTIX RECESSED 600x600 3L 3000K ALU |
| Technology | LED (3 SDCM) |
| Housing | STEEL |
| Mount | Recessed |
| Fixture rating | Enclosed |
| General application | Office, Education, |
| Certifications | EUNEW008 |
| ETIM Class | EC002892 |
| E-number FI | 4276555 |
| Fixture luminous flux (lm) | 3250 |
| Luminaire efficacy (lm/W) | 125 |
| Colour temperature (K) | 3000 |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | 3 |
| Glare control | 16 |
| Photobiological Risk Group | 0 |
| Total power consumption (W) | 26 |
| Electrical protection | Class I |
| Control gear type | Electronic (constant current) |
| Dimmable | No |
| LED Flickering Rate | Ultra low (5% or less) |
| Housing colour | RAL 9016 |
| IP rating | IP20 |
| IK rating | IK07 |
| Product EAN number | 5410288441030 |
| Chromaticity coordinate Y | 0.403 |
| Lamps | Yes |
| Included lamp | INTEGRATED LED |

DATA TABLE

General data

| | |
|----------|---------|
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|----------|---------|

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Optical data

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| Luminaire efficacy (lm/W) | 125 |
| Colour temperature (K) | 3000 |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | 3 |
| Glare control | 16 |
| Photobiological Risk Group | 0 |

Electrical data

| | |
|--|-------------------------------|
| Total power consumption (W) | 26 |
| Starting time (max) (s) | <0.5 |
| 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 |
| Control gear type | Electronic (constant current) |
| Dimmable | No |
| Drive current (mA) | 500 |
| Inrush Current (A) | 25 |
| Inrush Duration (µs) | 250 |
| Glow Wire Test (°C) | 850 |
| Nominal Frequency (Hz) | 50/60Hz |
| LED Flickering Rate | Ultra low (5% or less) |
| Max. Luminaires per 10A C Breaker | 20 |
| Max. Luminaires per 13A C Breaker | 30 |
| Max. Luminaires per 16A C Breaker | 40 |
| Max. Luminaires per 20A C Breaker | 47 |
| Max. Luminaires per 10A B Breaker | 10 |
| Max. Luminaires per 13A B Breaker | 15 |
| Max. Luminaires per 16A B Breaker | 20 |
| Max. Luminaires per 20A B Breaker | 24 |

Lifetime data

| | |
|-----------------------------|-------|
| Lumen maintenance - L70 B50 | 72000 |
| Lumen maintenance - L80 B10 | 72000 |
| Lumen maintenance - L90 B50 | 72000 |
| Lumen maintenance - L90 B20 | 50000 |

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| | |
|-----------------------------|-------|
| Lumen maintenance - L90 B10 | 46000 |
|-----------------------------|-------|

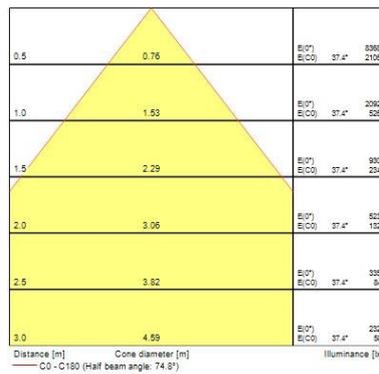
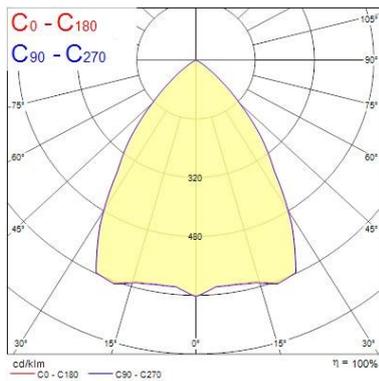
Physical data

| | |
|-----------------------------|---------------|
| Housing colour | RAL 9016 |
| IP rating | IP20 |
| IK rating | IK07 |
| Diffuser finish | Satin |
| Diffuser material | Polycarbonate |
| Nominal Product Length (mm) | 596 |
| Nominal Product Width (mm) | 596 |
| Nominal Product Height (mm) | 38 |
| Weight (kg) | 5.0 |

Packaging

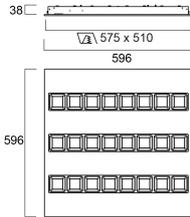
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|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5410288441030 |
| Packaging single length / height (cm) | 62.0 |
| Packaging single width (cm) | 6.5 |
| Packaging single depth (cm) | 65.0 |
| DUN14 (outer) | 05410288441030 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 62.0 |
| Packaging outer width (cm) | 6.5 |
| Packaging outer depth (cm) | 65.0 |

PHOTOMETRY



TECHNICAL DRAWINGS

Optix Recessed 600x600 Medium Output *OPTIX RECESSED 600x600 3L 3000K ALU* 0044103



SYLVANIA 0044103

 This luminaire contains built in LED lamps.

 } **LED**

The lamps cannot be changed in the luminaire.

874/2012 

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SYLVANIA 0044103 874/2012

A++
A+
A
~~B~~
~~C~~
~~D~~
~~E~~

LED