# Optix Recessed 600x600 Standard Output

*OPTIX RECESSED 600x600 2L SO 4000K ALU SSH*

**0044140**

**Product features**

- OPTIX RECESSED 600x600 2L SO 4000K ALU SSH is a high efficacy low glare luminaire for office and education applications. Ceiling recessed 600x600 mm. Aluminised plastic extra low glare optics in 2 lines configuration. White RAL9016 fixture body. SylSmart Connected Building capable. 4000K Neutral White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 2800lm. Power consumption 22W. Luminaire efficacy 127lm/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** | 0044140 |
| **Product name** | OPTIX RECESSED 600x600 2L SO 4000K ALU SSH |
| **Technology** | LED (3 SDCM) |
| **Housing** | STEEL |
| **Mount** | Recessed |
| **Fixture rating** | Enclosed |
| **General application** | Office,Education, |
| **Certifications** | EUNEW021 |
| **ETIM Class** | EC002892 |
| **E-number FI** | 4276540 |
| **Fixture luminous flux (lm)** | 2800 |
| **Luminaire efficacy (lm/W)** | 127 |
| **Colour temperature (K)** | 4000 |
| **CRI (Ra)** | 80 |
| **Colour Variation Initial (SDCM)** | 3 |
| **Glare control** | 16 |
| **Photobiological Risk Group** | 0 |
| **Total power consumption (W)** | 22 |
| **Electrical protection** | Class I |
| **Control gear type** | SylSmart SSH |
| **Dimmable** | Yes |
| **LED Flickering Rate** | Ultra low (5% or less) |
| **Housing colour** | RAL 9016 |
| **IP rating** | IP20 |
| **IK rating** | IK07 |
| **Product EAN number** | 5410288441405 |
| **Chromaticity coordinate Y** | 0.3797 |
| **Lamps** | Yes |
| **Included lamp** | INTEGRATED LED |

## DATA TABLE

General data



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| **ETIM Class** | EC002892 |
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## Optical data

| | |
|---|---|
| **Fixture luminous flux (lm)** | 2800 |
| **Luminaire efficacy (lm/W)** | 127 |
| **Colour temperature (K)** | 4000 |
| **CRI (Ra)** | 80 |
| **Colour Variation Initial (SDCM)** | 3 |
| **Glare control** | 16 |
| **Photobiological Risk Group** | 0 |

## Electrical data

| | |
|---|---|
| **Total power consumption (W)** | 22 |
| **Mains voltage (V)** | 220-240V~ |
| **Lamp power factor** | 0.96 |
| **Electrical protection** | Class I |
| **Control gear required** | No |
| **Control gear type** | SylSmart SSH |
| **Dimmable** | Yes |
| **Drive current (mA)** | 200 |
| **Inrush Current (A)** | 25 |
| **Inrush Duration (µs)** | 177 |
| **Glow Wire Test (°C)** | 850 |
| **Nominal Frequency (Hz)** | 50/60Hz |
| **LED Flickering Rate** | Ultra low (5% or less) |
| **Max. Luminaires per 16A C Breaker** | 56 |

## Lifetime data

| | |
|---|---|
| **Lumen maintenance - L70 B50** | 72000 |
| **Lumen maintenance - L80 B10** | 72000 |
| **Lumen maintenance - L90 B50** | 72000 |
| **Lumen maintenance - L90 B20** | 50000 |
| **Lumen maintenance - L90 B10** | 46000 |

## Physical data

| | |
|---|---|
| **Housing colour** | RAL 9016 |
| **IP rating** | IP20 |
| **IK rating** | IK07 |
| **Diffuser finish** | Satin |
| **Diffuser material** | Polycarbonate |



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# Optix Recessed 600x600 Standard Output

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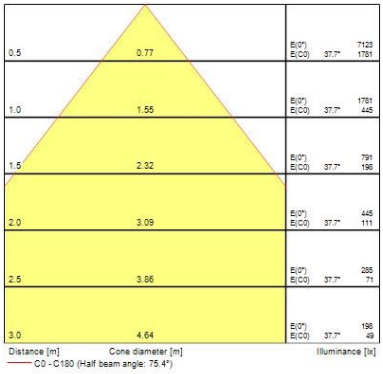
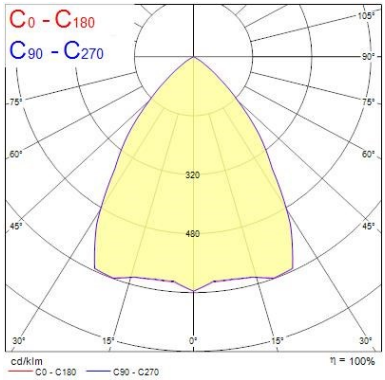
| | |
|---|---|
| **Nominal Product Length (mm)** | 596 |
| **Nominal Product Width (mm)** | 596 |
| **Nominal Product Height (mm)** | 38 |
| **Weight (kg)** | 5.0 |

### Packaging

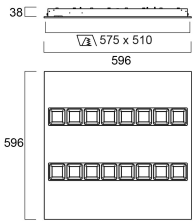
| | |
|---|---|
| **Single packaging type** | Carton |
| **Product EAN number** | 5410288441405 |
| **Packaging single length / height (cm)** | 62.0 |
| **Packaging single width (cm)** | 6.5 |
| **Packaging single depth (cm)** | 65.0 |
| **DUN14 (outer)** | 05410288441405 |
| **Units per outer package** | 1 |
| **Packaging outer length / height (cm)** | 62.0 |
| **Packaging outer width (cm)** | 6.5 |
| **Packaging outer depth (cm)** | 65.0 |

## PHOTOMETRY




## TECHNICAL DRAWINGS



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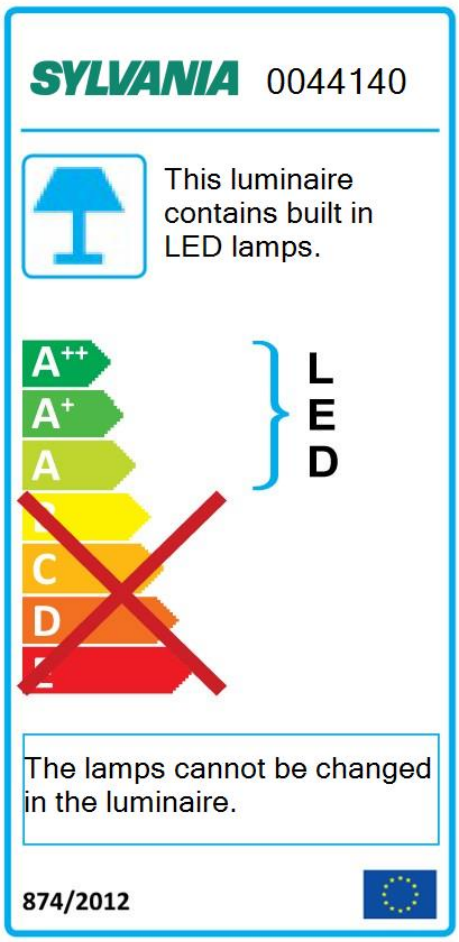


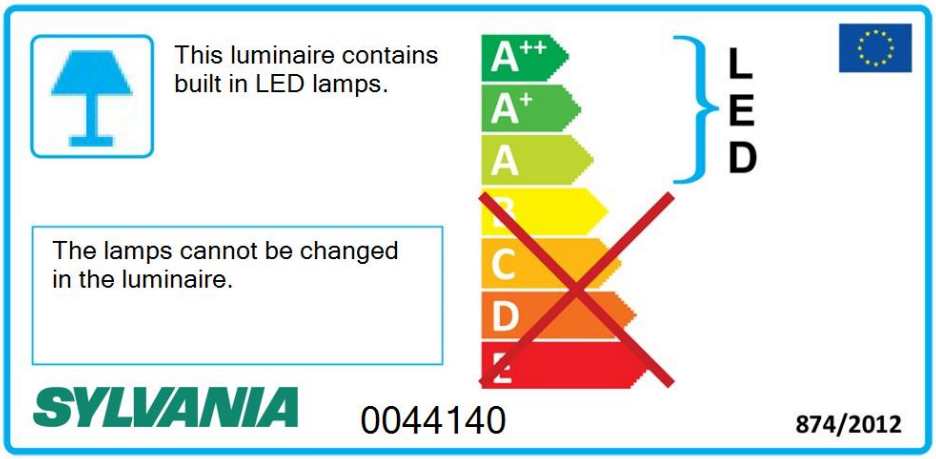




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