

# OPTIX RECESSED 600x600 2L 4000K WHITE SSH

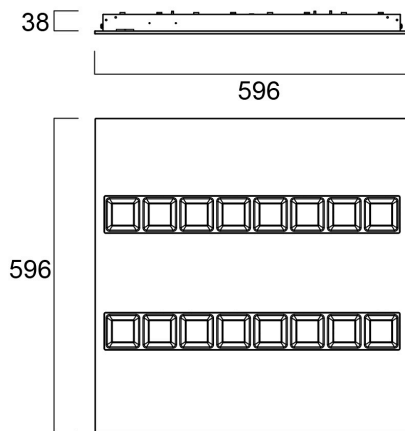
Item No: 0044138



OPTIX RECESSED 600x600 2L 4000K WHITE SSH is a high efficacy low glare luminaire for office and education applications. Ceiling recessed 600x600 mm. White plastic 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 3400lm. Power consumption 24W. Luminaire efficacy 142lm/W. Lifespan: 48,000 hours L90B10. UGR<19, Luminance at 65°<3000 Cd/m<sup>2</sup>, IK07, IP20. Photobiological safety risk group 1. Electrical protection Class I. Glow wire test 850°C.

## Technical Assets

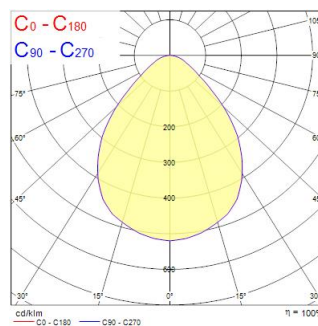
### Dimensions (mm)



### Photometrics

| Distance [m] | Cone diameter [m] | Beam diameter [m] | Beam angle [°] | Illuminance [lx] |
|--------------|-------------------|-------------------|----------------|------------------|
| 0.5          | 0.91              | 0.91              | 42.1°          | 6907             |
| 1.0          | 1.83              | 1.83              | 42.1°          | 1742             |
| 1.5          | 2.74              | 2.74              | 42.1°          | 774              |
| 2.0          | 3.66              | 3.66              | 42.1°          | 438              |
| 2.5          | 4.57              | 4.57              | 42.1°          | 279              |
| 3.0          | 5.48              | 5.48              | 42.1°          | 194              |

Distance [m] Cone diameter [m] Illuminance [lx]  
 C0 - C180 (Half beam angle: 84.2°)



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**SYLVANIA**

## General data

|  |   |
|--|---|
| Product name                               | OPTIX RECESSED<br>600x600 2L 4000K<br>WHITE SSH |
| Technology                                 | LED (3 SDCM)                                    |
| Cap/Base                                   | N/A   |
| Housing                                    | Steel   |
| Mount                                      | Ceiling recessed<br>mounting                    |
| Fixture rating                             | Enclosed  |
| General application                        | Office, Education                               |
| Performance ambient temperature Tq<br>(°C) | 25  |
| ETIM Class                                 | EC002892  |
| E-number FI                                | 4276564   |
| Warranty                                   | 5 years   |

## Optical data

|                                   |               |
|-----------------------------------|---------------|
| Fixture luminous flux (lm)        | 3400          |
| Luminaire efficacy (lm/W)         | 142           |
| Correlated 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)                                     | 24                             |
| Primary Supply/Product voltage - min<br>(V)                     | 198.0                          |
| Primary Supply/Product voltage - max<br>(V)                     | 264.0                          |
| Lamp power factor   | 0.96                           |
| Electrical protection   | Class I                        |
| Control gear required   | No                             |
| Dimmable  | Yes                            |
| Dimming method  | SylSmart Connected V2<br>(SSH) |
| Drive current (mA)  | 220                            |
| Inrush Current (A)  | 25                             |
| Inrush Duration (µs)  | 177                            |
| Energy Efficiency Class (A->G) of<br>contained light source     | C                              |
| Nominal Frequency (Hz)  | 50/60Hz                        |
| LED Flickering Rate   | Ultra low (5% or less)         |
| Max. products per 16A C Breaker                                 | 56                             |
| Connectable conductor cross section -<br>Min (mm <sup>2</sup> ) | 2.5                            |
| Connectable conductor cross section -<br>Max (mm <sup>2</sup> ) | 2.5                            |

## 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) | 596                              |
| Nominal Product Width (mm)  | 596                              |
| Nominal Product Height (mm) | 38                               |
| Weight (kg)                 | 5.0                              |

## Packaging

|                                       |                |
|---------------------------------------|----------------|
| Product EAN number                    | 5410288441382  |
| Packaging single length / height (cm) | 62.0           |
| Packaging single width (cm)           | 6.5            |
| Packaging single depth (cm)           | 65.0           |
| DUN14 (inner)                         | 05410288441382 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 62.0           |
| Packaging outer width (cm)            | 6.5            |
| Packaging outer depth (cm)            | 65.0           |

## Safety data

|                     |     |
|---------------------|-----|
| Glow Wire Test (°C) | 850 |
|---------------------|-----|