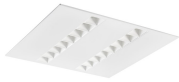


## Optix Recessed 600x600 Medium Output

### OPTIX RECESSED 600x600 2L 4000K WHITE

#### 0044128



#### Product features

- OPTIX RECESSED 600x600 2L 4000K WHITE 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. Constant current driver. 4000K Neutral White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 3350lm. Power consumption 23W. Luminaire efficacy 146lm/W. Lumen maintenance of L90B50 > 72000h, L90B10 = 46000h. UGR<19, Luminance at 65°<3000 Cd/m2, IK07, IP20. Photobiological safety risk group 1. Electrical protection Class I. Glow wire test 850°C.



### PRODUCT OVERVIEW

|                                 |                                       |
|---------------------------------|---------------------------------------|
| IPC Code                        | 0044128                               |
| Product name                    | OPTIX RECESSED 600x600 2L 4000K WHITE |
| Technology                      | LED (3 SDCM)                          |
| Housing                         | STEEL                                 |
| Mount                           | Recessed                              |
| Fixture rating                  | Enclosed                              |
| General application             | Office, Education,                    |
| Certifications                  | EUNEW008                              |
| ETIM Class                      | EC002892                              |
| E-number FI                     | 4276560                               |
| Fixture luminous flux (lm)      | 3350                                  |
| Luminaire efficacy (lm/W)       | 146                                   |
| Colour temperature (K)          | 4000                                  |
| CRI (Ra)                        | 80                                    |
| Colour Variation Initial (SDCM) | 3                                     |
| Glare control                   | 19                                    |
| Photobiological Risk Group      | 1                                     |
| Total power consumption (W)     | 23                                    |
| 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              | 5410288441283                         |
| Chromaticity coordinate Y       | 0.3797                                |
| Lamps                           | Yes                                   |
| Included lamp                   | INTEGRATED LED                        |

### DATA TABLE

#### General data

|          |         |
|----------|---------|
| IPC Code | 0044128 |
|----------|---------|

## Optix Recessed 600x600 Medium Output

*OPTIX RECESSED 600x600 2L 4000K WHITE*

0044128

|                     |                                       |
|---------------------|---------------------------------------|
| Product name        | OPTIX RECESSED 600x600 2L 4000K WHITE |
| Technology          | LED (3 SDCM)                          |
| Housing             | STEEL                                 |
| Mount               | Recessed                              |
| Fixture rating      | Enclosed                              |
| General application | Office, Education,                    |
| Certifications      | EUNEW008                              |
| ETIM Class          | EC002892                              |
| E-number FI         | 4276560                               |

### Optical data

|                                 |      |
|---------------------------------|------|
| Fixture luminous flux (lm)      | 3350 |
| Luminaire efficacy (lm/W)       | 146  |
| Colour temperature (K)          | 4000 |
| CRI (Ra)                        | 80   |
| Colour Variation Initial (SDCM) | 3    |
| Glare control                   | 19   |
| Photobiological Risk Group      | 1    |

### Electrical data

|                                                                  |                               |
|------------------------------------------------------------------|-------------------------------|
| Total power consumption (W)                                      | 23                            |
| 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 % | 20                            |
| Electrical protection                                            | Class I                       |
| Control gear required                                            | No                            |
| Control gear type                                                | Electronic (constant current) |
| Dimmable                                                         | No                            |
| Drive current (mA)                                               | 450                           |
| Inrush Current (A)                                               | 15                            |
| 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                                | 40                            |
| Max. Luminaires per 13A C Breaker                                | 51                            |
| Max. Luminaires per 16A C Breaker                                | 63                            |
| Max. Luminaires per 20A C Breaker                                | 80                            |
| Max. Luminaires per 10A B Breaker                                | 24                            |
| Max. Luminaires per 13A B Breaker                                | 31                            |
| Max. Luminaires per 16A B Breaker                                | 38                            |
| Max. Luminaires per 20A B Breaker                                | 48                            |

### Lifetime data

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

## Optix Recessed 600x600 Medium Output

*OPTIX RECESSED 600x600 2L 4000K WHITE*

0044128

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

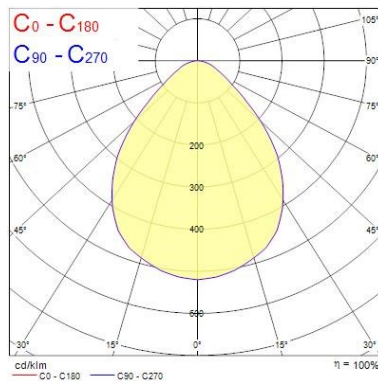
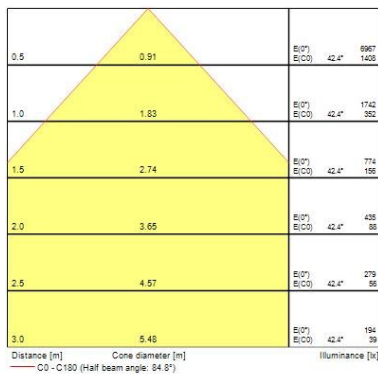
### Physical data

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

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288441283  |
| Packaging single length / height (cm) | 62.0           |
| Packaging single width (cm)           | 6.5            |
| Packaging single depth (cm)           | 65.0           |
| DUN14 (outer)                         | 05410288441283 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 62.0           |
| Packaging outer width (cm)            | 6.5            |
| Packaging outer depth (cm)            | 65.0           |

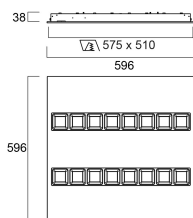
## PHOTOMETRY



## TECHNICAL DRAWINGS

## Optix Recessed 600x600 Medium Output

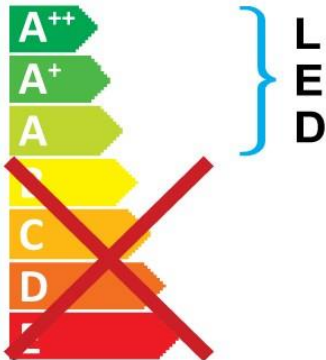
*OPTIX RECESSED 600x600 2L 4000K WHITE*  
0044128



**SYLVANIA**
0044128



This luminaire contains built in LED lamps.



The lamps cannot be changed in the luminaire.

874/2012


## Optix Recessed 600x600 Medium Output

*OPTIX RECESSED 600x600 2L 4000K WHITE*  
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