

## Optix Recessed 625x625

OPTIX RECESSED 625x625 3L 4000K ALU DALI

0044176



### Product features

- OPTIX RECESSED 625x625 3L 4000K ALU DALI is a high efficacy low glare luminaire for office and education applications. Ceiling recessed 625x625 mm. Aluminised plastic extra low glare optics in 3 lines configuration. White RAL9016 fixture body. DALI dimmable. 4000K Neutral White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 3600lm. Power consumption 26W. Luminaire efficacy 138lm/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                        | 0044176                                  |
| Product name                    | OPTIX RECESSED 625x625 3L 4000K ALU DALI |
| Technology                      | LED (3 SDCM)                             |
| Housing                         | STEEL                                    |
| Mount                           | Recessed                                 |
| Fixture rating                  | Enclosed                                 |
| General application             | Office, Education,                       |
| Certifications                  | EUNEW008                                 |
| ETIM Class                      | EC002892                                 |
| Fixture luminous flux (lm)      | 3600                                     |
| Luminaire efficacy (lm/W)       | 138                                      |
| Colour temperature (K)          | 4000                                     |
| 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               | DALI                                     |
| Dimmable                        | Yes                                      |
| LED Flickering Rate             | Ultra low (5% or less)                   |
| Housing colour                  | RAL 9016                                 |
| IP rating                       | IP20                                     |
| IK rating                       | IK07                                     |
| Product EAN number              | 5410288441764                            |
| Chromaticity coordinate Y       | 0.3797                                   |
| Lamps                           | Yes                                      |
| Included lamp                   | INTEGRATED LED                           |

### DATA TABLE

#### General data

|              |                                          |
|--------------|------------------------------------------|
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| Mount               | Recessed           |
| Fixture rating      | Enclosed           |
| General application | Office, Education, |
| Certifications      | EUNEW008           |
| ETIM Class          | EC002892           |

### Optical data

|                                 |      |
|---------------------------------|------|
| Fixture luminous flux (lm)      | 3600 |
| Luminaire efficacy (lm/W)       | 138  |
| 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)                                      | 26                     |
| Starting time (max) (s)                                          | <0.7                   |
| Mains voltage (V)                                                | 220-240V~              |
| Lamp power factor                                                | 0.98                   |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) = xx.x % | 9                      |
| Electrical protection                                            | Class I                |
| Control gear required                                            | No                     |
| Control gear type                                                | DALI                   |
| Dimmable                                                         | Yes                    |
| Drive current (mA)                                               | 250                    |
| Inrush Current (A)                                               | 29                     |
| Inrush Duration (µs)                                             | 180                    |
| Glow Wire Test (°C)                                              | 850                    |
| Nominal Frequency (Hz)                                           | 50/60Hz                |
| LED Flickering Rate                                              | Ultra low (5% or less) |
| Max. Luminaires per 10A C Breaker                                | 21                     |
| Max. Luminaires per 13A C Breaker                                | 28                     |
| Max. Luminaires per 16A C Breaker                                | 36                     |
| Max. Luminaires per 20A C Breaker                                | 45                     |
| Max. Luminaires per 10A B Breaker                                | 13                     |
| Max. Luminaires per 13A B Breaker                                | 17                     |
| Max. Luminaires per 16A B Breaker                                | 22                     |
| Max. Luminaires per 20A B Breaker                                | 27                     |

### 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 |

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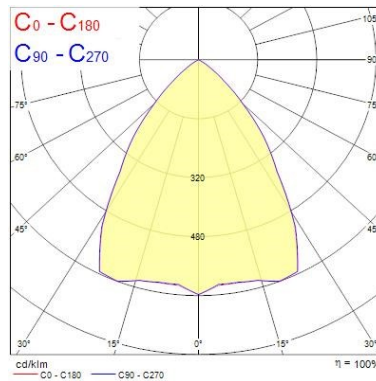
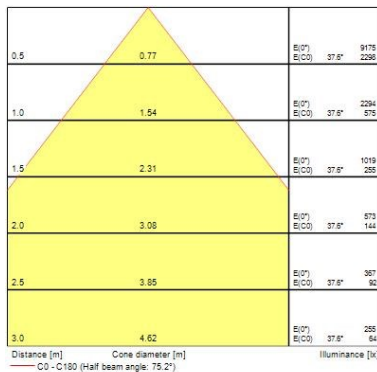
### Physical data

|                             |               |
|-----------------------------|---------------|
| Housing colour              | RAL 9016      |
| IP rating                   | IP20          |
| IK rating                   | IK07          |
| Diffuser finish             | Satin         |
| Diffuser material           | Polycarbonate |
| Nominal Product Length (mm) | 621           |
| Nominal Product Width (mm)  | 621           |
| Nominal Product Height (mm) | 38            |
| Weight (kg)                 | 5.0           |

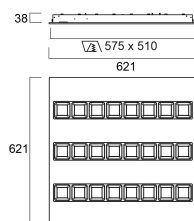
### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288441764  |
| Packaging single length / height (cm) | 67.0           |
| Packaging single width (cm)           | 6.5            |
| Packaging single depth (cm)           | 64.5           |
| DUN14 (outer)                         | 05410288441764 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 67.0           |
| Packaging outer width (cm)            | 6.5            |
| Packaging outer depth (cm)            | 64.5           |

## PHOTOMETRY



## TECHNICAL DRAWINGS



## Optix Recessed 625x625

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**SYLVANIA** 0044176

 This luminaire contains built in LED lamps.


 } **LED**

The lamps cannot be changed in the luminaire.

874/2012 

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**SYLVANIA** 0044176  874/2012