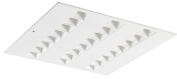


## Optix Recessed 600x600 Medium Output

### OPTIX RECESSED 600x600 3L 4000K WHITE DALI EM

#### 0044116



#### Product features

- OPTIX RECESSED 600x600 3L 4000K WHITE DALI EM is a high efficacy low glare luminaire for office and education applications. Ceiling recessed 600x600 mm. White plastic low glare optics in 3 lines configuration. White RAL9016 fixture body. DALI dimmable. 3hr combined maintained emergency version with DALI monitoring capability. 4000K Neutral White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 3450lm. Power consumption 24W. Luminaire efficacy 144lm/W. Lumen maintenance of L90B50 > 72000h, L90B10 = 46000h. UGR<19, Luminance at 65°<3000 Cd/m2, IK07, IP20. Photobiological safety risk group 0. Electrical protection Class I. Glow wire test 850°C.



## PRODUCT OVERVIEW

|                                 |                                               |
|---------------------------------|-----------------------------------------------|
| IPC Code                        | 0044116                                       |
| Product name                    | OPTIX RECESSED 600x600 3L 4000K WHITE DALI EM |
| Technology                      | LED (3 SDCM)                                  |
| Housing                         | STEEL                                         |
| Mount                           | Recessed                                      |
| Fixture rating                  | Enclosed                                      |
| General application             | Office, Education,                            |
| Certifications                  | EUNEW001                                      |
| ETIM Class                      | EC002892                                      |
| Fixture luminous flux (lm)      | 3450                                          |
| Luminaire efficacy (lm/W)       | 144                                           |
| Colour temperature (K)          | 4000                                          |
| CRI (Ra)                        | 80                                            |
| Colour Variation Initial (SDCM) | 3                                             |
| Glare control                   | 19                                            |
| Photobiological Risk Group      | 0                                             |
| Total power consumption (W)     | 24                                            |
| 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              | 5410288441160                                 |
| Chromaticity coordinate Y       | 0.3797                                        |
| Lamps                           | Yes                                           |
| Included lamp                   | INTEGRATED LED                                |

## DATA TABLE

## Optix Recessed 600x600 Medium Output

*OPTIX RECESSED 600x600 3L 4000K WHITE DALI EM*

0044116

### General data

|                     |                                               |
|---------------------|-----------------------------------------------|
| IPC Code            | 0044116                                       |
| Product name        | OPTIX RECESSED 600x600 3L 4000K WHITE DALI EM |
| Technology          | LED (3 SDCM)                                  |
| Housing             | STEEL                                         |
| Mount               | Recessed                                      |
| Fixture rating      | Enclosed                                      |
| General application | Office, Education,                            |
| Certifications      | EUNEW001                                      |
| ETIM Class          | EC002892                                      |

### Optical data

|                                 |      |
|---------------------------------|------|
| Fixture luminous flux (lm)      | 3450 |
| Luminaire efficacy (lm/W)       | 144  |
| Colour temperature (K)          | 4000 |
| CRI (Ra)                        | 80   |
| Colour Variation Initial (SDCM) | 3    |
| Glare control                   | 19   |
| Photobiological Risk Group      | 0    |
| Emergency duration (h)          | 3    |

### Electrical data

|                                                                  |                        |
|------------------------------------------------------------------|------------------------|
| Total power consumption (W)                                      | 24                     |
| 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)                                               | 225                    |
| 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 |
|-----------------------------|-------|

## Optix Recessed 600x600 Medium Output

*OPTIX RECESSED 600x600 3L 4000K WHITE DALI EM*

0044116

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

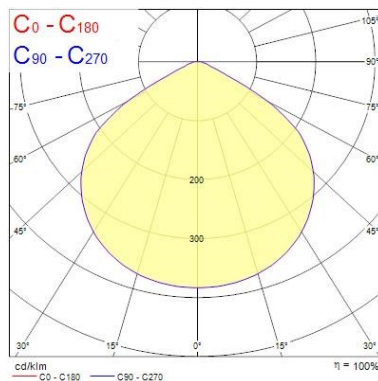
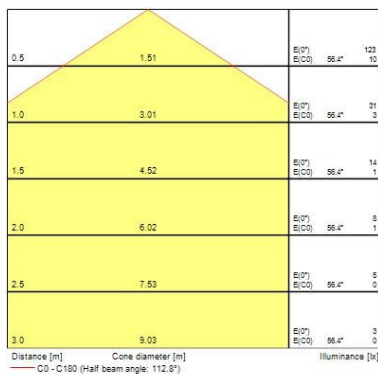
### Physical data

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

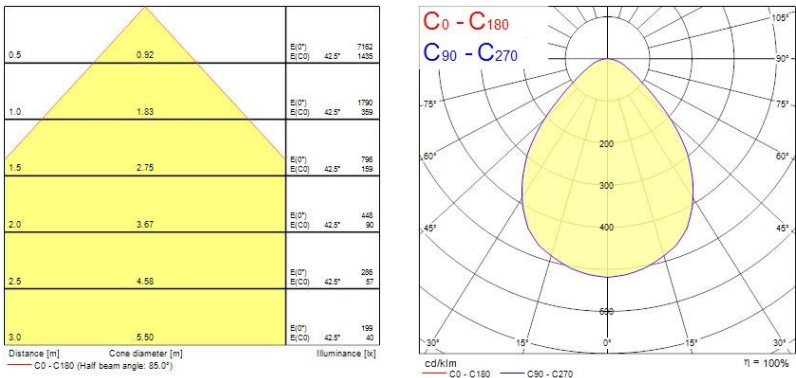
### Packaging

|                                       |                |
|---------------------------------------|----------------|
| Single packaging type                 | Carton         |
| Product EAN number                    | 5410288441160  |
| Packaging single length / height (cm) | 62.0           |
| Packaging single width (cm)           | 6.5            |
| Packaging single depth (cm)           | 65.0           |
| DUN14 (outer)                         | 05410288441160 |
| Units per outer package               | 1              |
| Packaging outer length / height (cm)  | 62.0           |
| Packaging outer width (cm)            | 6.5            |
| Packaging outer depth (cm)            | 65.0           |

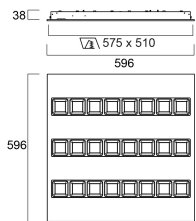
## PHOTOMETRY



Optix Recessed 600x600 Medium Output  
OPTIX RECESSED 600x600 3L 4000K WHITE DALI EM  
0044116



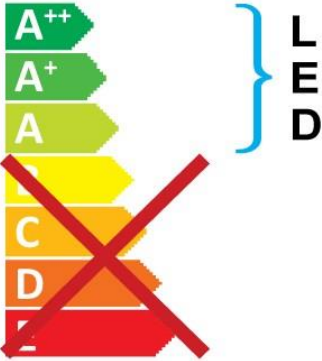
TECHNICAL DRAWINGS



## Optix Recessed 600x600 Medium Output OPTIX RECESSED 600x600 3L 4000K WHITE DALI EM 0044116

**SYLVANIA** 0044116

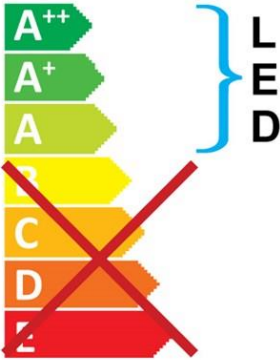
 This luminaire contains built in LED lamps.



The lamps cannot be changed in the luminaire.

874/2012 

 This luminaire contains built in LED lamps.



The lamps cannot be changed in the luminaire.

**SYLVANIA** 0044116  874/2012