

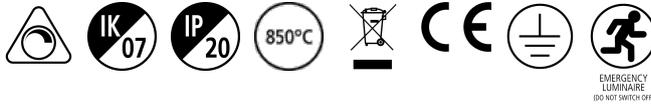
## Optix Recessed 600x600 Medium Output

OPTIX RECESSED 600x600 2L 4000K WHITE SSH EM  
0044157



### Product features

- OPTIX RECESSED 600x600 2L 4000K WHITE SSH EM 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. 3hr combined maintained emergency version. 4000K Neutral White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 3400lm. Power consumption 24W. Luminaire efficacy 142lm/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	0044157
Product name	OPTIX RECESSED 600x600 2L 4000K WHITE SSH EM
Technology	LED (3 SDCM)
Housing	STEEL
Mount	Recessed
Fixture rating	Enclosed
General application	Office, Education,
Certifications	EUNEW022
ETIM Class	EC002892
Fixture luminous flux (lm)	3400
Luminaire efficacy (lm/W)	142
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	19
Photobiological Risk Group	1
Total power consumption (W)	24
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	5410288441573
Chromaticity coordinate Y	0.3797
Lamps	Yes
Included lamp	INTEGRATED LED

## DATA TABLE

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### General data

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Product name	OPTIX RECESSED 600x600 2L 4000K WHITE SSH EM
Technology	LED (3 SDCM)
Housing	STEEL
Mount	Recessed
Fixture rating	Enclosed
General application	Office,Education,
Certifications	EUNEW022
ETIM Class	EC002892

### Optical data

Fixture luminous flux (lm)	3400
Luminaire efficacy (lm/W)	142
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	19
Photobiological Risk Group	1
Emergency duration (h)	3

### Electrical data

Total power consumption (W)	24
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)	230
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

## Optix Recessed 600x600 Medium Output

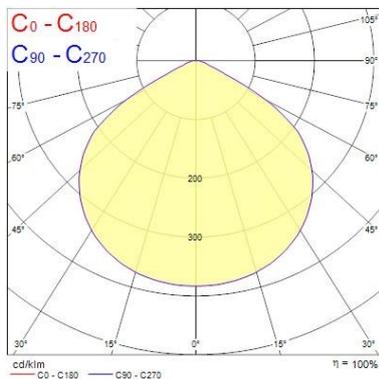
*OPTIX RECESSED 600x600 2L 4000K WHITE SSH EM*  
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Diffuser material	Polycarbonate
Nominal Product Length (mm)	596
Nominal Product Width (mm)	596
Nominal Product Height (mm)	38
Weight (kg)	5.0

### Packaging

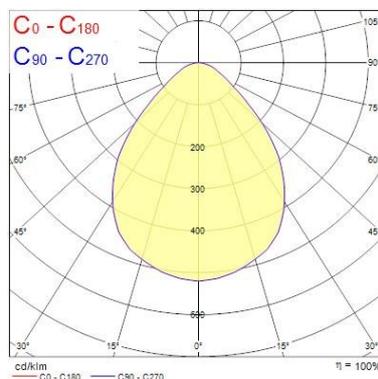
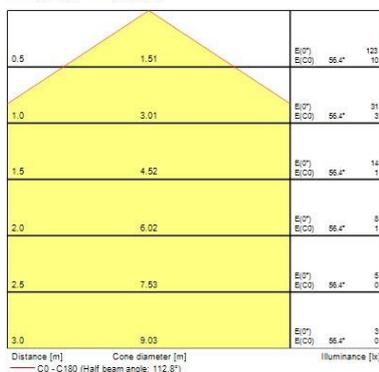
Single packaging type	Carton
Product EAN number	5410288441573
Packaging single length / height (cm)	62.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	65.0
DUN14 (outer)	05410288441573
Units per outer package	1
Packaging outer length / height (cm)	62.0
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	65.0

## PHOTOMETRY



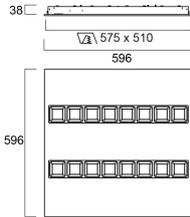
Distance [m]	Cone diameter [m]	E <sub>0°</sub> [lx]	E <sub>10°</sub> [lx]	E <sub>30°</sub> [lx]	E <sub>42.4°</sub> [lx]	Illuminance [lx]
0.5	0.91	6987	1408			
1.0	1.83	1742	352			
1.5	2.74	774	156			
2.0	3.65	435	88			
2.5	4.57	279	56			
3.0	5.48	194	39			

Distance [m] Cone diameter [m] Illuminance [lx]  
C0 - C180 (Half beam angle: 84.9°)



## TECHNICAL DRAWINGS

## Optix Recessed 600x600 Medium Output *OPTIX RECESSED 600x600 2L 4000K WHITE SSH EM* 0044157



**SYLVANIA** 0044157

 This luminaire contains built in LED lamps.

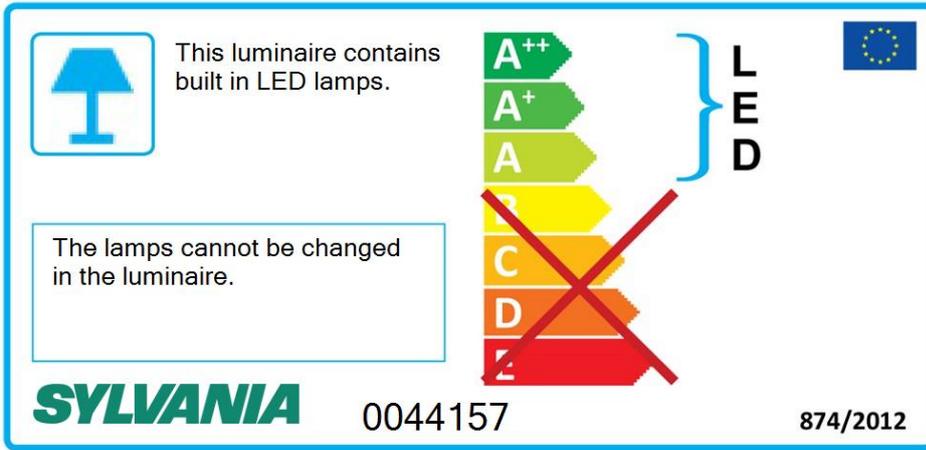
**A++**  
**A+**  
**A**  
**B**  
**C**  
**D**  
**E**

} **LED**

The lamps cannot be changed in the luminaire.

874/2012 

Optix Recessed 600x600 Medium Output  
*OPTIX RECESSED 600x600 2L 4000K WHITE SSH EM*  
0044157



This luminaire contains built in LED lamps.

The lamps cannot be changed in the luminaire.

**SYLVANIA** 0044157

874/2012

A++  
A+  
A  
~~B~~  
~~C~~  
~~D~~  
~~E~~

LED

EUROPEAN UNION

Detailed description: The image shows a rectangular energy label with a blue border. On the left, there is a blue icon of a lamp. To its right, the text reads 'This luminaire contains built in LED lamps.' Below this, a white box contains the text 'The lamps cannot be changed in the luminaire.' In the center, there is a vertical energy efficiency scale with seven colored arrows pointing right, labeled A++, A+, A, B, C, D, and E from top to bottom. A large red 'X' is drawn over the B, C, D, and E categories. To the right of the scale, a blue bracket groups the A++, A+, and A categories, with the letters 'L', 'E', and 'D' stacked vertically next to it. In the top right corner of the label is the European Union flag. At the bottom left, the 'SYLVANIA' logo is in green, followed by the model number '0044157'. At the bottom right, the reference number '874/2012' is printed.