

## Optix Recessed 600x600 High Output

### OPTIX RECESSED 600x600 3L HO 4000K ALU

#### 0044236



#### Product features

- OPTIX RECESSED 600x600 3L HO 4000K ALU is a high efficacy low glare luminaire for office and education applications. Ceiling recessed 600x600 mm. Aluminised plastic extra low glare optics in 3 lines configuration. White RAL9016 fixture body. Constant current driver. 4000K Neutral White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 4500lm. Power consumption 33W. Luminaire efficacy 136lm/W. Lumen maintenance of L90B50 > 72000h, L90B10 = 46000h. UGR<16, Luminance at 65°<200 Cd/m<sup>2</sup>, IK07, IP20. Photobiological safety risk group 1. Electrical protection Class I. Glow wire test 850°C.



### PRODUCT OVERVIEW

IPC Code	0044236
Product name	OPTIX RECESSED 600x600 3L HO 4000K ALU
Technology	LED (3 SDCM)
Housing	STEEL
Mount	Recessed
Fixture rating	Enclosed
General application	Office, Education,
Certifications	EUNEW008
ETIM Class	EC002892
E-number FI	4276573
Fixture luminous flux (lm)	4500
Luminaire efficacy (lm/W)	136
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	16
Photobiological Risk Group	1
Total power consumption (W)	33
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	5410288442365
Chromaticity coordinate Y	0.3797
Lamps	Yes
Included lamp	INTEGRATED LED

### DATA TABLE

#### General data

IPC Code	0044236
----------	---------

## Optix Recessed 600x600 High Output OPTIX RECESSED 600x600 3L HO 4000K ALU 0044236

Product name	OPTIX RECESSED 600x600 3L HO 4000K ALU
Technology	LED (3 SDCM)
Housing	STEEL
Mount	Recessed
Fixture rating	Enclosed
General application	Office, Education,
Certifications	EUNEW008
ETIM Class	EC002892
E-number FI	4276573

### Optical data

Fixture luminous flux (lm)	4500
Luminaire efficacy (lm/W)	136
Colour temperature (K)	4000
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	16
Photobiological Risk Group	1

### Electrical data

Total power consumption (W)	33
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 %	8
Electrical protection	Class I
Control gear required	No
Control gear type	Electronic (constant current)
Dimmable	No
Drive current (mA)	650
Inrush Current (A)	25
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	20
Max. Luminaires per 13A C Breaker	30
Max. Luminaires per 16A C Breaker	40
Max. Luminaires per 20A C Breaker	47
Max. Luminaires per 10A B Breaker	10
Max. Luminaires per 13A B Breaker	15
Max. Luminaires per 16A B Breaker	20
Max. Luminaires per 20A B Breaker	24

### 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 High Output OPTIX RECESSED 600x600 3L HO 4000K ALU 0044236

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

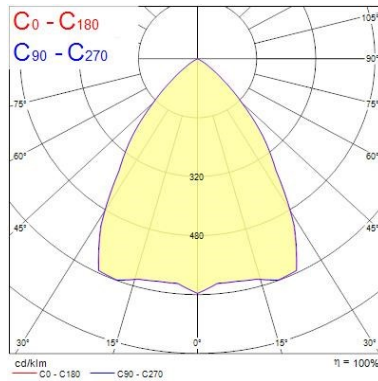
Single packaging type	Carton
Product EAN number	5410288442365
Packaging single length / height (cm)	62.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	65.0
DUN14 (outer)	05410288442365
Units per outer package	1
Packaging outer length / height (cm)	62.0
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	65.0

## PHOTOMETRY

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.77 0.77	11462	37.7° 2852	37.6° 2870	
1.0	1.55 1.54	2868	37.7° 713	37.6° 718	
1.5	2.32 2.31	1274	37.7° 317	37.6° 319	
2.0	3.09 3.08	748	37.7° 178	37.6° 179	
2.5	3.86 3.85	488	37.7° 114	37.6° 115	
3.0	4.64 4.62	318	37.7° 79	37.6° 80	

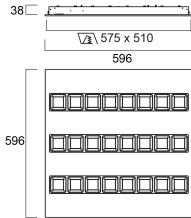
Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0 - C180 (Half beam angle: 75.2°)  
— C90 - C270 (Half beam angle: 75.4°)





## TECHNICAL DRAWINGS

## Optix Recessed 600x600 High Output *OPTIX RECESSED 600x600 3L HO 4000K ALU* 0044236




**SYLVANIA** 0044236

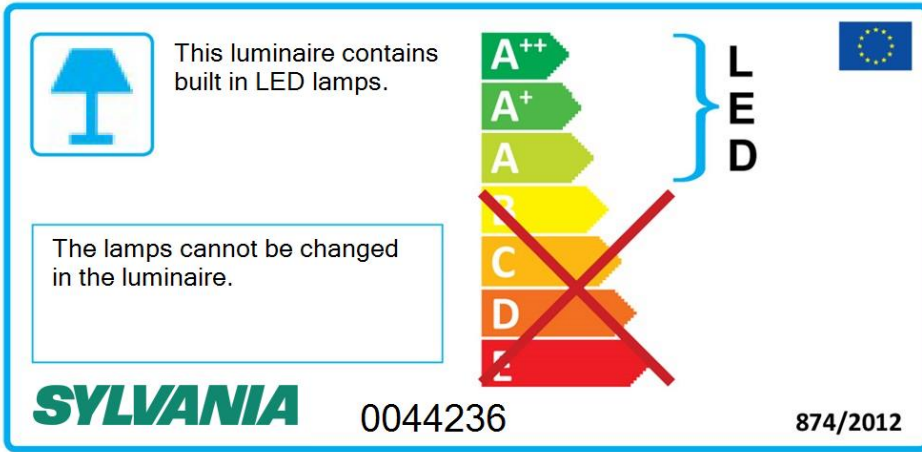
 This luminaire contains built in LED lamps.

 } **LED**

The lamps cannot be changed in the luminaire.

874/2012 

Optix Recessed 600x600 High Output  
*OPTIX RECESSED 600x600 3L HO 4000K ALU*  
0044236



This luminaire contains built in LED lamps.

The lamps cannot be changed in the luminaire.

**SYLVANIA** 0044236

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 product code '0044236'. At the bottom right, the standard number '874/2012' is printed.