

## Optix Recessed 600x600 High Output

OPTIX RECESSED 600x600 3L HO 4000K ALU DALI EM  
0044245



### Product features

- OPTIX RECESSED 600x600 3L HO 4000K ALU DALI EM 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. 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 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	0044245
Product name	OPTIX RECESSED 600x600 3L HO 4000K ALU 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)	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	DALI
Dimmable	Yes
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016
IP rating	IP20
IK rating	IK07
Product EAN number	5410288442457
Chromaticity coordinate Y	0.3797
Lamps	Yes
Included lamp	INTEGRATED LED

## DATA TABLE

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### General data

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Housing	STEEL
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General application	Office, Education,
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### 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
Emergency duration (h)	3

### Electrical data

Total power consumption (W)	33
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
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Lumen maintenance - L80 B10	72000
Lumen maintenance - L90 B50	72000
Lumen maintenance - L90 B20	50000
Lumen maintenance - L90 B10	46000

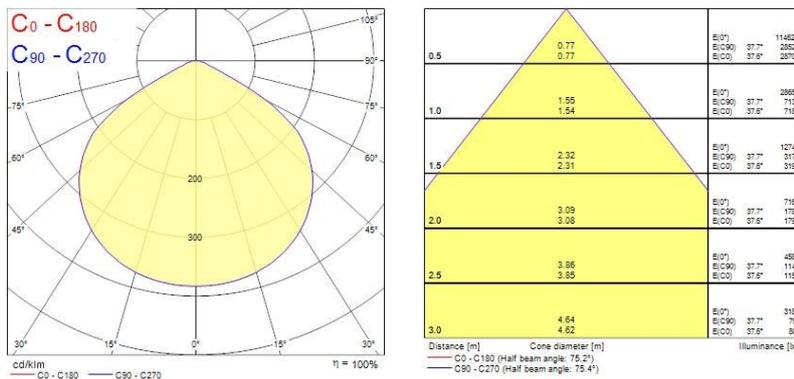
### Physical data

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

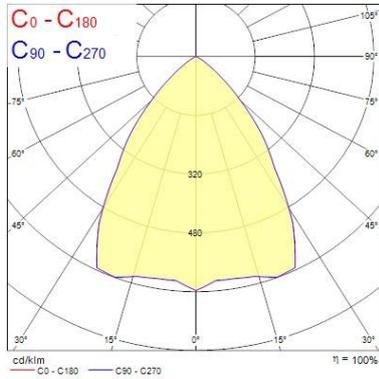
### Packaging

Single packaging type	Carton
Product EAN number	5410288442457
Packaging single length / height (cm)	62.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	65.0
DUN14 (outer)	05410288442457
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



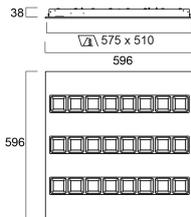
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0.5	1.51	E(0°) E(C0)	56.4°	133 10
1.0	3.01	E(0°) E(C0)	56.4°	31 3
1.5	4.52	E(0°) E(C0)	56.4°	14 1
2.0	6.02	E(0°) E(C0)	56.4°	9 1
2.5	7.53	E(0°) E(C0)	56.4°	6 0
3.0	9.03	E(0°) E(C0)	56.4°	3 0

Distance [m]      Cone diameter [m]      Illuminance [lx]  
C0 - C180 (Half beam angle: 112.8°)

### TECHNICAL DRAWINGS



## Optix Recessed 600x600 High Output OPTIX RECESSED 600x600 3L HO 4000K ALU DALI EM 0044245

**SYLVANIA** 0044245

 This luminaire contains built in LED lamps.

 } **LED**

The lamps cannot be changed in the luminaire.

874/2012 

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**SYLVANIA** 0044245  874/2012