

OPTIX RECESSED 600x600 3L HO 4000K WHITE SSH EM

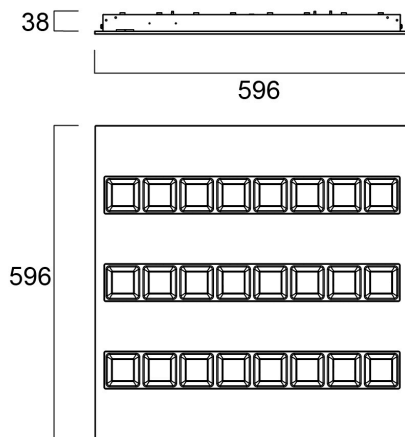
Item No: 0044246



OPTIX RECESSED 600x600 3L HO 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 3 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 4450lm. Power consumption 32W. Luminaire efficacy 139lm/W. Lifespan: 48,000 hours L90B10. UGR<19, Luminance at 65°<3000 Cd/m2, IK07, IP20. Photobiological safety risk group 1. Electrical protection Class I. Glow wire test 850°C.

Technical Assets

Dimensions (mm)

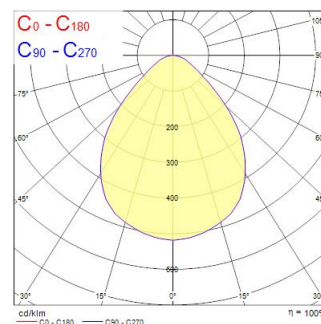


Photometrics

Distance [m]	Cone diameter [m]	E107 E109	42.8° 42.8°	8430 1684
0.5	0.92	E107 E109	42.8° 42.8°	8430 1684
1.0	1.83	E107 E109	42.8° 42.8°	2188 437
1.5	2.75	E107 E109	42.8° 42.8°	1548 310
2.0	3.67	E107 E109	42.8° 42.8°	890 178
2.5	4.58	E107 E109	42.8° 42.8°	377 75
3.0	5.50	E107 E109	42.8° 42.8°	262 52

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

— C0 - C180 (Half beam angle: 85.0°)



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SYLVANIA

General data

Product name	OPTIX RECESSED 600x600 3L HO 4000K WHITE SSH EM
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
General application	Office, Education
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4450
Luminaire efficacy (lm/W)	139
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 19
Photobiological Risk Group	RG1

Electrical data

Emergency duration (h)	3
Total power consumption (W)	32
Primary Supply/Product voltage - min (V)	198.0
Primary Supply/Product voltage - max (V)	264.0
Lamp power factor	0.96
Electrical protection	Class I
Control gear required	No
Dimmable	Yes
Dimming method	SylSmart Connected V2 (SSH)
Drive current (mA)	210
Inrush Current (A)	25
Inrush Duration (µs)	177
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 16A C Breaker	56
Connectable conductor cross section - Min (mm ²)	2.5
Connectable conductor cross section - Max (mm ²)	2.5

Lifetime data

Lifespan L70 B50	120000
Lifespan L80 B20	107500
Lifespan L90 B10	48500

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Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Matt/satinized
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	596
Nominal Product Width (mm)	596
Nominal Product Height (mm)	38
Weight (kg)	5.0

Packaging

Product EAN number	5410288442464
Packaging single length / height (cm)	62.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	65.0
DUN14 (inner)	05410288442464
Units per outer package	1
Packaging outer length / height (cm)	62.0
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	65.0

Safety data

Glow Wire Test (°C)	850
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