

OPTIX RECESSED 600x600 2L 4000K WHITE SSH

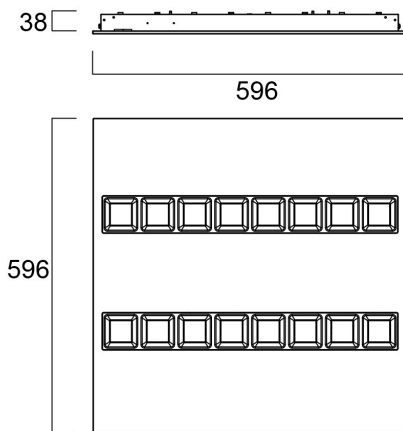
Item No: 0044138



OPTIX RECESSED 600x600 2L 4000K WHITE SSH 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. 4000K Neutral White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 3400lm. Power consumption 24W. Luminaire efficacy 142lm/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

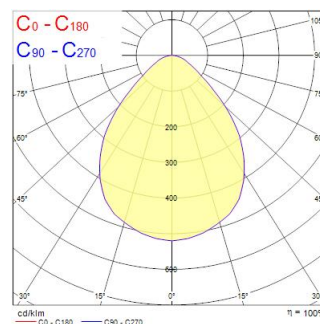
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam angle [°]	Illuminance [lx]
0.5	0.91	0.91	42.1°	6907 1453
1.0	1.83	1.83	42.1°	1742 363
1.5	2.74	2.74	42.1°	774 160
2.0	3.66	3.66	42.1°	435 91
2.5	4.57	4.57	42.1°	279 58
3.0	5.48	5.48	42.1°	194 41

Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 84.2°)



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SYLVANIA

General data

Product name	OPTIX RECESSED 600x600 2L 4000K WHITE SSH
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
E-number FI	4276564
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3400
Luminaire efficacy (lm/W)	142
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

Total power consumption (W)	24
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)	220
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	5410288441382
Packaging single length / height (cm)	62.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	65.0
DUN14 (inner)	05410288441382
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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