

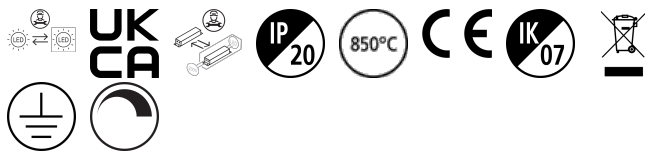
Optix Linear Recessed Sylvania 1200 SylSmart

OPTIX LINEAR RECESSED 1200 4000K ALU SSC
0045506



Product features

- OPTIX LINEAR RECESSED 1200 4000K ALU SSC is a high efficacy low glare linear luminaire for office and education applications. Suitable for continuous light line installations with accessories separately available. Ceiling recessed 1146x95x90 mm. Aluminised plastic extra low glare optics in a single line configuration. White RAL9016 fixture body. SylSmart Stand-alone Office capable. 4000K Neutral White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 3400lm. Power consumption 27W. Luminaire efficacy 126lm/W. Lifespan: 48,000 hours L90B10. UGR<19, Luminance at 65°<200 Cd/m2, IK07, IP20. Ultra Low Flicker: <5% Photobiological safety risk group 1. Electrical protection Class I. Glow wire test 850°C. Suitable for use with Linect quick connection systems.



PRODUCT OVERVIEW

Product name	OPTIX LINEAR RECESSED 1200 4000K ALU SSC
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
General application	Office, Education
ETIM Class	EC002892
Warranty	5 years
Fixture luminous flux (lm)	3400
Luminaire efficacy (lm/W)	126
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 19
Photobiological Risk Group	RG1
Total power consumption (W)	27
Electrical protection	Class I
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	SylSmart SSC
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5410288455068

DATA TABLE

Optix Linear Recessed Sylvania 1200 SylSmart OPTIX LINEAR RECESSED 1200 4000K ALU SSC 0045506

General data

Product name	OPTIX LINEAR RECESSED 1200 4000K ALU SSC
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)	3400
Luminaire efficacy (lm/W)	126
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)	27
Mains voltage (V)	220-240V
Lamp power factor	1
Electrical protection	Class I
Control gear required	No
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	SylSmart SSC
Drive current (mA)	500
Inrush Current (A)	5
Inrush Duration (µs)	50
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)

Lifetime data

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

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20

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IK rating	IK07
Diffuser finish	Matt/satinized
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1146
Nominal Product Width (mm)	95
Nominal Product Height (mm)	90
Weight (kg)	3.15

Packaging

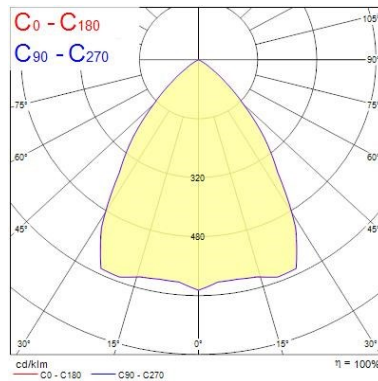
Single packaging type	Carton
Product EAN number	5410288455068
Packaging single length / height (cm)	119.0
Packaging single width (cm)	10.0
Packaging single depth (cm)	11.0
DUN14 (outer)	05410288455068
Units per outer package	1
Packaging outer length / height (cm)	119.0
Packaging outer width (cm)	10.0
Packaging outer depth (cm)	11.0

PHOTOMETRY

0.5	0.78 0.78	E(0°) 3505 E(C90) 205 E(C0) 2100
1.0	1.57 1.56	E(0°) 2128 E(C90) 522 E(C0) 625
1.5	2.35 2.34	E(0°) 945 E(C90) 232 E(C0) 233
2.0	3.14 3.13	E(0°) 532 E(C90) 130 E(C0) 131
2.5	3.92 3.91	E(0°) 340 E(C90) 83 E(C0) 84
3.0	4.70 4.69	E(0°) 236 E(C90) 58 E(C0) 59

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

— C0 - C180 (Half beam angle: 75.0°)
— C90 - C270 (Half beam angle: 75.2°)



TECHNICAL DRAWINGS

