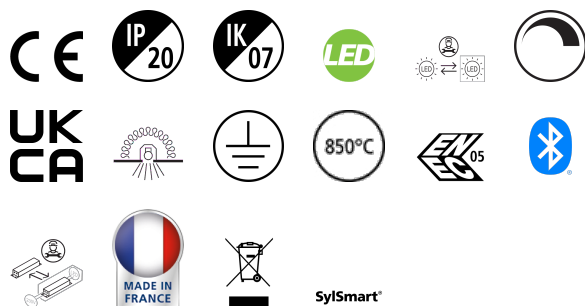


OPTIX LINEAR RECESSED 1200 4000K ALU SSC

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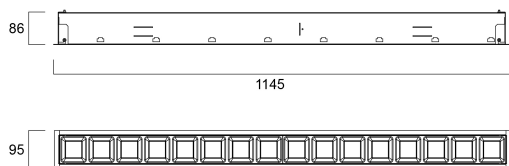
Concord



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 25.5W. Luminaire efficacy 133lm/W. Lifespan: 48,500 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.

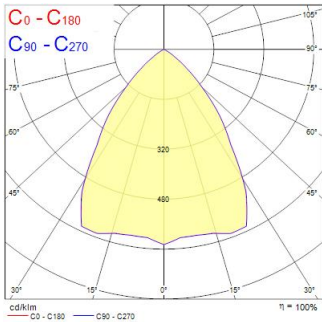
Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam angle [°]	Beam diameter [m]	Beam angle [°]	Luminance [cd/m²]
0.5	0.78	0.78	50.1°	0.78	50.1°	5505
			50.1°	0.78	50.1°	2387
			50.1°	0.78	50.1°	2387
1.0	1.57	1.57	50.1°	1.57	50.1°	2138
			50.1°	1.57	50.1°	552
			50.1°	1.57	50.1°	552
1.5	2.35	2.35	50.1°	2.35	50.1°	945
			50.1°	2.35	50.1°	238
			50.1°	2.35	50.1°	238
2.0	3.14	3.14	50.1°	3.14	50.1°	552
			50.1°	3.14	50.1°	131
			50.1°	3.14	50.1°	131
2.5	3.92	3.92	50.1°	3.92	50.1°	340
			50.1°	3.92	50.1°	83
			50.1°	3.92	50.1°	83
3.0	4.70	4.70	50.1°	4.70	50.1°	238
			50.1°	4.70	50.1°	58
			50.1°	4.70	50.1°	58



OPTIX LINEAR RECESSED 1200 4000K ALU SSC

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Concord

General data

Product name	OPTIX LINEAR RECESSED 1200 4000K ALU SSC
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Built in presence detector	NONE
Fixture rating	Enclosed
General application	Office, Education, Retail
Operating temperature range (°C)	10°C...+25°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3400
Luminaire efficacy (lm/W)	133
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG1

Electrical data

Emergency type	
Total power consumption (W)	25.5
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	10
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart Standalone (SSC)
Minimum dimming level (%)	1
Drive current (mA)	500
Inrush Current (A)	20
Inrush Duration (µs)	25
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 10A C Breaker	57
Max. products per 13A C Breaker	71
Max. products per 16A C Breaker	93
Max. products per 20A C Breaker	114
Max. products per 10A B Breaker	35
Max. products per 13A B Breaker	45
Max. products per 16A B Breaker	55
Max. products per 20A B Breaker	68
Connectable conductor cross section - Min (mm²)	0.75
Connectable conductor cross section - Max (mm²)	2.5

OPTIX LINEAR RECESSED 1200 4000K ALU SSC

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

Packaging

Product EAN number	5025768237890
Packaging single length / height (cm)	119.0
Packaging single width (cm)	10.0
Packaging single depth (cm)	11.0
DUN14 (inner)	05025768237890
Units per outer package	1
Packaging outer length / height (cm)	119.0
Packaging outer width (cm)	10.0
Packaging outer depth (cm)	11.0

Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	10-25