



Features

• OPTIX LINEAR RECESSED 1200 4000K ALU SSC EM 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 1169x95x90 mm. Aluminised plastic extra low glare optics in a single line configuration. White RAL9016 fixture body. SylSmart Stand-alone Office capable. 3hr maintained emergency version. 4000K Neutral White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 3400lm. Power consumption 27.5W. Luminaire efficacy 124lm/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 sytems.

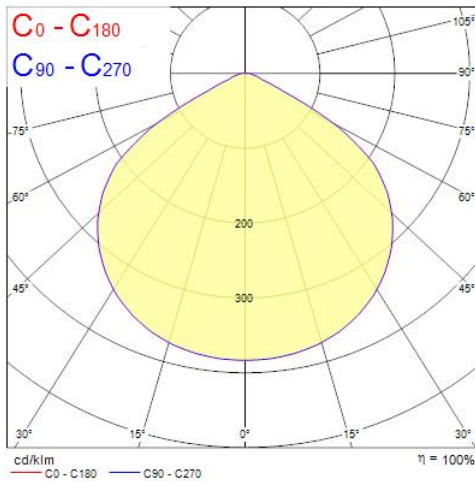
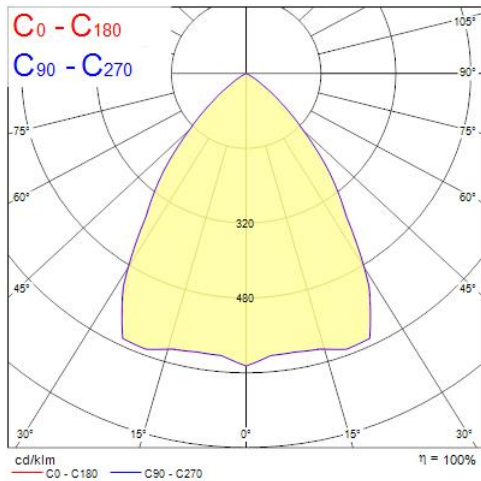
Product Overview

Product name	OPTIX LINEAR RECESSED 1200 4000K ALU SSC EM
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
General application	Education, Office
ETIM Class	EC002892
Fixture luminous flux (lm)	3400
Luminaire efficacy (lm/W)	124
Correlated colour temperature (k)	4000
Light colour	Neutral White

OPTIX LINEAR RECESSED 1200 4000K ALU SSC EM 2023790

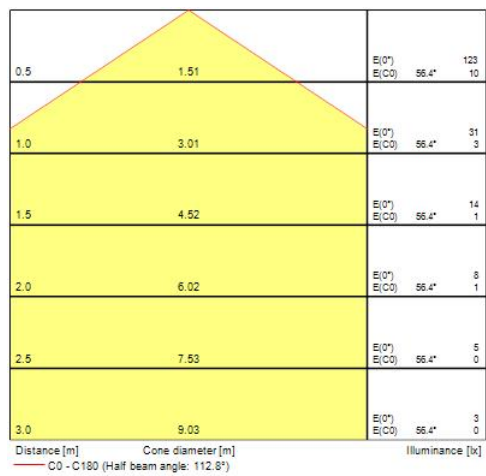
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 19
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	80
Total power consumption (W)	27.5
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	Yes
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL9016
IP rating	IP20
IK rating	IK07
Product EAN number	5025768237906
Warranty	5 years
Dimming method	SylSmart SSC

Photometry

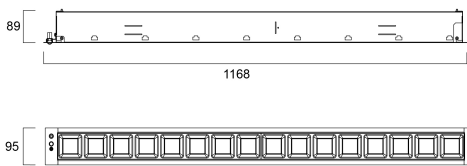


Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.78	38.1°	38.0°	2100	8505
1.0	1.57	38.1°	38.0°	522	2126
1.5	2.35	38.1°	38.0°	233	945
2.0	3.14	38.1°	38.0°	130	532
2.5	3.92	38.1°	38.0°	83	340
3.0	4.70	38.1°	38.0°	55	236

OPTIX LINEAR RECESSED 1200 4000K ALU SSC EM
2023790



Technical drawings



Data table

GENERAL DATA

Product name	OPTIX LINEAR RECESSED 1200 4000K ALU SSC EM
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
General application	Education, Office
Operating temperature range (°C)	10°C...+25°C

OPTIX LINEAR RECESSED 1200 4000K ALU SSC EM 2023790

Performance ambient temperature Tq 25
(°C)

ETIM Class EC002892

Warranty 5 years

OPTICAL DATA

Fixture luminous flux (lm) 3400

Luminaire efficacy (lm/W) 124

Correlated colour temperature (k) 4000

Light colour Neutral White

CRI (Ra) 80

Colour Variation Initial (SDCM) 3

Distribution type Symmetric

Glare control < 19

Photobiological Risk Group RG1

Luminous flux (emergency) (lm) 80

Emergency duration (h) 3

ELECTRICAL DATA

Total power consumption (W) 27.5

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 SSC

Drive current (mA) 500

Inrush Current (A) 20

Inrush Duration (µs) 25

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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 (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

PHYSICAL DATA

Housing colour	RAL9016
IP rating	IP20
IK rating	IK07
Diffuser finish	Matt/satinized
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1169
Nominal Product Width (mm)	95
Nominal Product Height (mm)	90
Weight (kg)	3.15

PACKAGING

OPTIX LINEAR RECESSED 1200 4000K ALU SSC EM 2023790

Product EAN number	5025768237906
Packaging single length / height (cm)	119.0
Packaging single width (cm)	10.0
Packaging single depth (cm)	11.0
DUN14 (inner)	05025768237906
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
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No