

Optix Linear Surface 1200 Direct SylSmart
OPTIX LINEAR SURFACE 1200 LUMI 4K ALU SSC
2023854



Product features

- OPTIX LINEAR SURFACE 1200 LUMI 4000K ALU SSC is a surface mounted linear luminaire for office and education applications with Aluminised plastic extra low glare optics and RAL9016 colour fixture body. SylSmart Standalone enabled. 4000K Neutral White LED, chromaticity tolerance of 3-step MacAdam ellipse. For 4000K - Colour rendering index Ra >98; Melanopic Ratio MEER: 0.778; Fidelity Index R :94; Gamut Index R :98. For 4000K luminous flux: 2850lm. Power consumption: 31W. Luminaire efficacy: 92lm/W. UGR<19 Luminance at 65°<200 Cd/m2, IK07, IP20. Photobiological safety risk group 0. Electrical protection Class I. Glow wire test 850°C. 60,000hrs L80B20 lifespan.



PRODUCT OVERVIEW

Product name	OPTIX LINEAR SURFACE 1200 LUMI 4K ALU SSC
Technology	LED LumiNature
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
General application	Education, Office
ETIM Class	EC002892
Warranty	5 years
Fixture luminous flux (lm)	2870
Luminaire efficacy (lm/W)	93
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	98
Colour Variation Initial (SDCM)	SDCM3
Colour Consistency (SDCM)	3
Glare control	< 19
Photobiological Risk Group	RG1
Total power consumption (W)	31
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart SSC
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5025768238545

DATA TABLE

General data	
Product name	OPTIX LINEAR SURFACE 1200 LUMI 4K ALU SSC

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Technology	LED LumiNature
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
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

Optical data

Fixture luminous flux (lm)	2870
Luminaire efficacy (lm/W)	93
Colour temperature (K)	4000
Correlated colour temperature range (K)	2800 - 6200
Light colour	Neutral White
CRI (Ra)	98
Colour Variation Initial (SDCM)	SDCM3
Colour Consistency (SDCM)	3
Glare control	< 19
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	31
Mains voltage (V)	220-240V
Lamp power factor	0.98
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Transformer required	No
Dimmable	Yes
Dimming method	SylSmart SSC
Drive current (mA)	200
Inrush Current (A)	29
Inrush Duration (µs)	180
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	F
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	21
Max. Luminaires per 13A C Breaker	28
Max. Luminaires per 16A C Breaker	36
Max. Luminaires per 20A C Breaker	45
Max. Luminaires per 10A B Breaker	13
Max. Luminaires per 13A B Breaker	17
Max. Luminaires per 16A B Breaker	22
Max. Luminaires per 20A B Breaker	27

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Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	60000

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)	1129
Nominal Product Width (mm)	90
Nominal Product Height (mm)	80
Weight (kg)	3.25

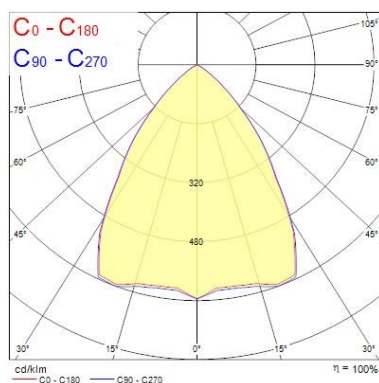
Packaging

Single packaging type	Carton
Product EAN number	5025768238545
Packaging single length / height (cm)	119.0
Packaging single width (cm)	10.0
Packaging single depth (cm)	11.0
DUN14 (outer)	05025768238545
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

Optimal operating condition (°C)	10-25
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PHOTOMETRY



Distance [m]	Cone diameter [m]	E (0°) E (C0)	E (7.7°) E (C0)	E (15.4°) E (C0)
0.5	0.77	7289	1910	485
1.0	1.55	1822	485	119
1.5	2.32	810	201	50
2.0	3.09	496	119	29
2.5	3.86	292	72	18
3.0	4.64	202	50	13

Distance [m]
Cone diameter [m]
C0 - C180 (Half beam angle: 75.4°)
Illuminance [lx]

TECHNICAL DRAWINGS

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