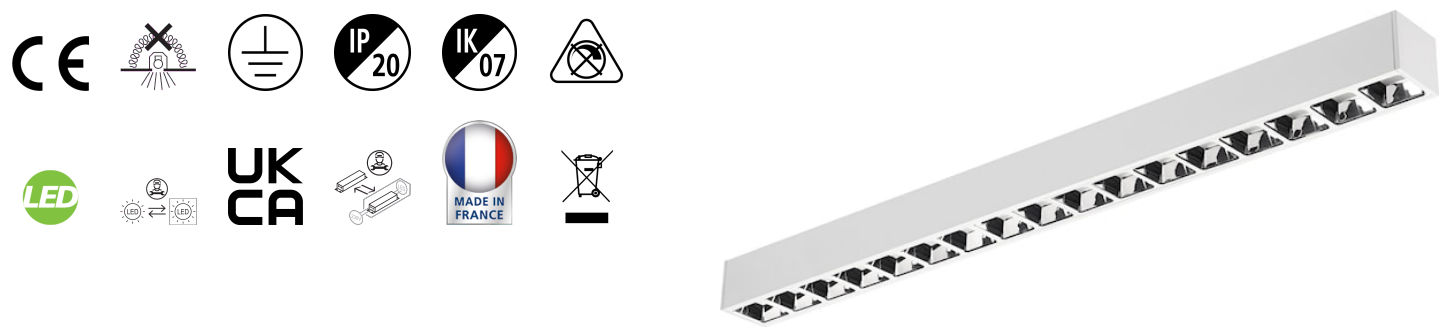


OPTIX LINEAR SURFACE 1200 D/I 3000K
ALU

Item No: 2023808

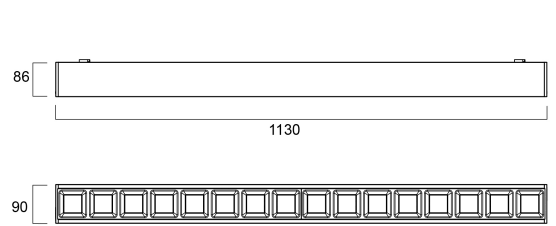
Concord



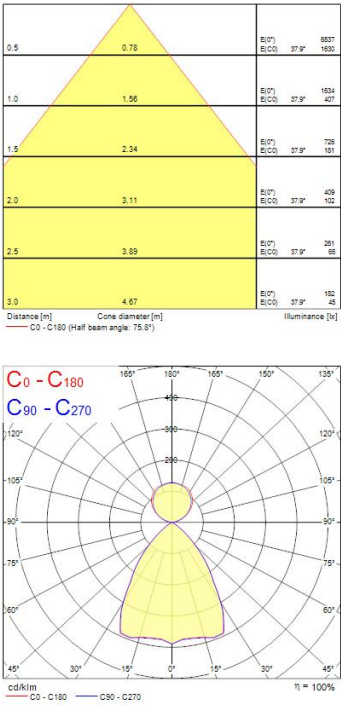
OPTIX LINEAR SURFACE 1200 D/I 3000K ALU is a high efficacy low glare linear luminaire for office and education applications. Suitable for continuous light line installations with accessories separately available. Direct / Indirect lighting with 80% downlight and 20% uplight ratio for ceiling suspended mounting. Size: 1129x90x80mm. Aluminised plastic extra low glare optics in a single line configuration. White RAL9016 fixture body. Constant current driver. 3000K Warm White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 4200lm. Power consumption 29W. Luminaire efficacy 145lm/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.

Technical Assets

Dimensions (mm)



Photometrics



OPTIX LINEAR SURFACE 1200 D/I 3000K
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General data

Product name	OPTIX LINEAR SURFACE 1200 D/I 3000K ALU
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Suspended
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

Useful luminous flux (Φuse)	4200
Fixture luminous flux (lm)	4200
Luminous flux (lm)	4200
Luminaire efficacy (lm/W)	145
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 16
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	29
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 %	8
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	600
Inrush Current (A)	25
Inrush Duration (µs)	250
Energy Efficiency Class (A->G) of contained light source	D, C(more than 1 Light Source)
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	27
Max. products per 13A C Breaker	35
Max. products per 16A C Breaker	45
Max. products per 20A C Breaker	58
Max. products per 10A B Breaker	16
Max. products per 13A B Breaker	21
Max. products per 16A B Breaker	27
Max. products per 20A B Breaker	35
Connectable conductor cross section - Min (mm²)	2.5
Connectable conductor cross section - Max (mm²)	2.5

Lifetime data

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

OPTIX LINEAR SURFACE 1200 D/I 3000K
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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)	1129
Nominal Product Width (mm)	90
Nominal Product Height (mm)	80
Weight (kg)	3.5

Packaging

Product EAN number	5025768238088
Packaging single length / height (cm)	119.0
Packaging single width (cm)	10.0
Packaging single depth (cm)	11.0
DUN14 (inner)	05025768238088
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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