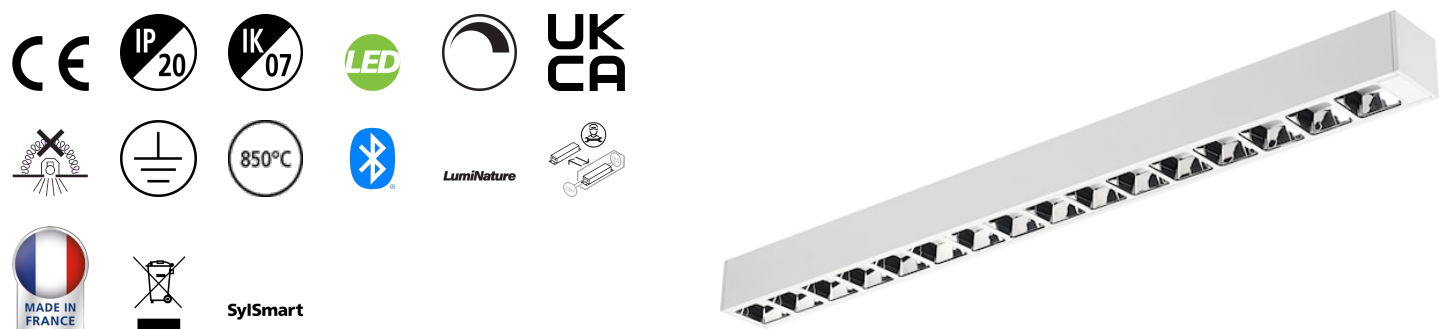


OPTIX LINEAR SURFACE 1200 D/I LUMI
HCL TW ALU SSC

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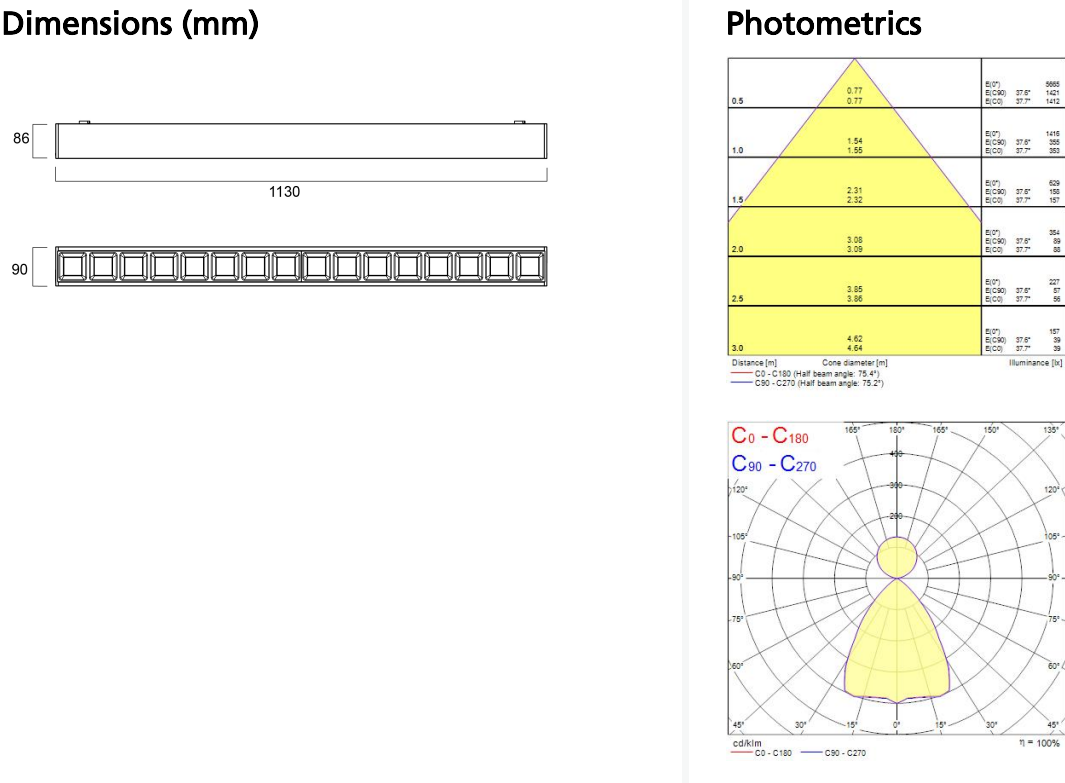
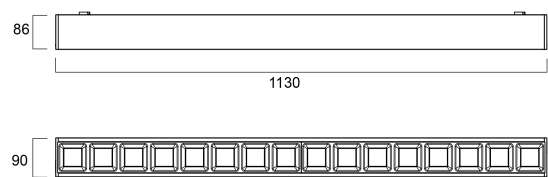
Concord



OPTIX LINEAR SURFACE 1200 D/I LUMI HCL TW ALU SSC is a suspended linear luminaire for office and education applications with Aluminised plastic extra low glare optics and RAL9016 colour fixture body. SylSmart Standalone controlled tunable white light engine. 2700-6200K Tunable White LED, chromaticity tolerance of 3-step MacAdam ellipse. For 2700K - Colour rendering index Ra >98; Melanopic Ratio MEER: 0.523; Fidelity Index Rf: 91; Gamut Index Rg: 101. For 4000K - Colour rendering index Ra >96; Melanopic Ratio MEER: 0.821; Fidelity Index Rf: 95; Gamut Index Rg: 101. For 6200K - Colour rendering index Ra >98; Melanopic Ratio MEER: 1.084; Fidelity Index Rf: 96; Gamut Index Rg: 99. For 4000K luminous flux: 3550lm. Power consumption: 39W. Luminaire efficacy: 91lm/W. UGR<16 Luminance at 65°<200 Cd/m2, IK07, IP20. Photobiological safety risk group 0. Electrical protection Class I. Glow wire test 850°C. 68,000hrs L80B20 lifespan.

Technical Assets

Dimensions (mm)



OPTIX LINEAR SURFACE 1200 D/I LUMI
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General data

Product name	OPTIX LINEAR SURFACE 1200 D/I LUMI HCL TW ALU SSC
Technology	LED LumiNature
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)	3540
Fixture luminous flux (lm)	3540
Luminaire efficacy (lm/W)	91
Light colour	Tuneable White HCL
CRI (Ra)	95
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 16
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	39
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.95
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart SSC
Minimum dimming level (%)	1
Drive current (mA)	165
Inrush Current (A)	23
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	13
Max. products per 16A C Breaker	19
Connectable conductor cross section - Max (mm²)	2.5

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	68000

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

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Packaging

Product EAN number	5025768238613
Packaging single length / height (cm)	119.0
Packaging single width (cm)	10.0
Packaging single depth (cm)	11.0
DUN14 (inner)	05025768238613
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