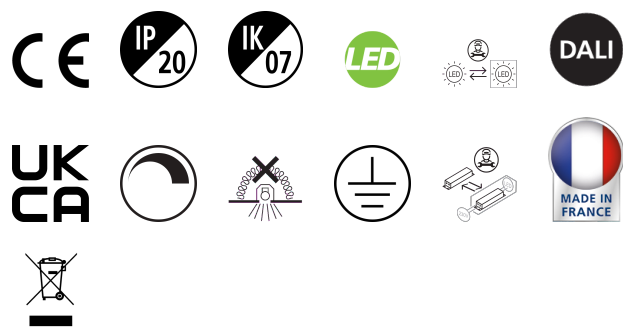


OPTIX LINEAR SURFACE 1200 4000K ALU DALI

Item No: 2023800

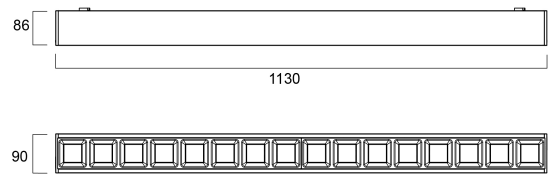
Concord



OPTIX LINEAR SURFACE 1200 4000K ALU DALI is a high efficacy low glare linear luminaire for office and education applications. Suitable for continuous light line installations with accessories separately available. Surface and suspended mounting. Size: 1129x90x80mm. Aluminised plastic extra low glare optics in a single line configuration. White RAL9016 fixture body. DALI dimmable. 4000K Neutral White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 3400lm. Power consumption 24.5W. Luminaire efficacy 139lm/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.

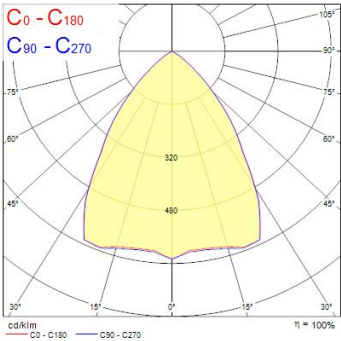
Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	E (lm)	E (cd)	E (lx)
0.5	0.78	682	38.0°	2130
	0.78	682	37.9°	2115
1.0	1.56	2130	38.0°	407
	1.56	2130	37.9°	402
1.5	2.34	947	38.0°	234
	2.34	947	37.9°	232
2.0	3.13	633	38.0°	152
	3.13	633	37.9°	152
2.5	3.91	341	38.0°	84
	3.91	341	37.9°	82
3.0	4.69	237	38.0°	59
	4.69	237	37.9°	58



OPTIX LINEAR SURFACE 1200 4000K ALU DALI

Item No: 2023800

Concord

General data

Product name	OPTIX LINEAR SURFACE 1200 4000K ALU DALI
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface 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

Useful luminous flux (Φuse)	3400
Fixture luminous flux (lm)	3400
Luminous flux (lm)	3400
Luminaire efficacy (lm/W)	139
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

Total power consumption (W)	24.5
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.98
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	9
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI
Drive current (mA)	250
Inrush Current (A)	29
Inrush Duration (µs)	180
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	21
Max. products per 13A C Breaker	28
Max. products per 16A C Breaker	36
Max. products per 20A C Breaker	45
Max. products per 10A B Breaker	13
Max. products per 13A B Breaker	17
Max. products per 16A B Breaker	22
Max. products per 20A B Breaker	27
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 4000K ALU DALI

Item No: 2023800

Concord

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

Product EAN number	5025768238002
Packaging single length / height (cm)	119.0
Packaging single width (cm)	10.0
Packaging single depth (cm)	11.0
DUN14 (inner)	05025768238002
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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