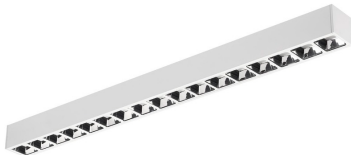


OPTIX LINEAR SURFACE 1200 D/I 4000K C9 ALU DALI 2023817



Features

• OPTIX LINEAR SURFACE 1200 D/I 4000K C9 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. 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. DALI dimmable. 4000K Neutral White LED, CRI>90, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 4100lm. Power consumption 33W. 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.

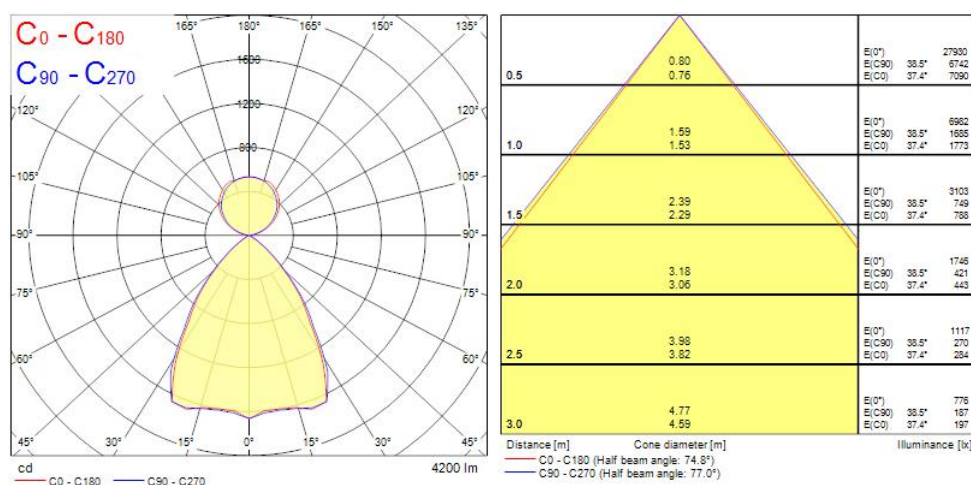
Product Overview

Product name	OPTIX LINEAR SURFACE 1200 D/I 4000K C9 ALU DALI
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Suspended
Fixture rating	Enclosed
General application	Education, Office
ETIM Class	EC002892
Fixture luminous flux (lm)	4100
Luminaire efficacy (lm/W)	124
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	3

OPTIX LINEAR SURFACE 1200 D/I 4000K C9 ALU DALI 2023817

Glare control	< 16
Photobiological Risk Group	RG1
Total power consumption (W)	33
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	5025768238170
Warranty	5 years
Dimming method	DALI

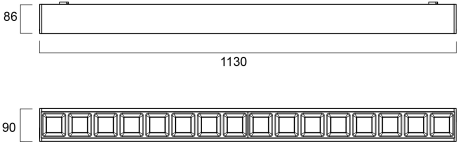
Photometry



Concord

OPTIX LINEAR SURFACE 1200 D/I 4000K C9 ALU DALI 2023817

Technical drawings



Data table

GENERAL DATA

Product name	OPTIX LINEAR SURFACE 1200 D/I 4000K C9 ALU DALI
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Suspended
Fixture rating	Enclosed
General application	Education, Office
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	4100
Luminaire efficacy (lm/W)	124
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	90
Colour Variation Initial (SDCM)	3
Glare control	< 16

OPTIX LINEAR SURFACE 1200 D/I 4000K C9 ALU DALI 2023817

Photobiological Risk Group	RG1
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ELECTRICAL DATA

Total power consumption (W)	33
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)	225
Inrush Current (A)	29
Inrush Duration (µs)	180
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	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

OPTIX LINEAR SURFACE 1200 D/I 4000K C9 ALU DALI 2023817

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)	1129
Nominal Product Width (mm)	90
Nominal Product Height (mm)	80
Weight (kg)	3.5

PACKAGING

Product EAN number	5025768238170
Packaging single length / height (cm)	119.0
Packaging single width (cm)	10.0
Packaging single depth (cm)	11.0
DUN14 (inner)	05025768238170
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

Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No