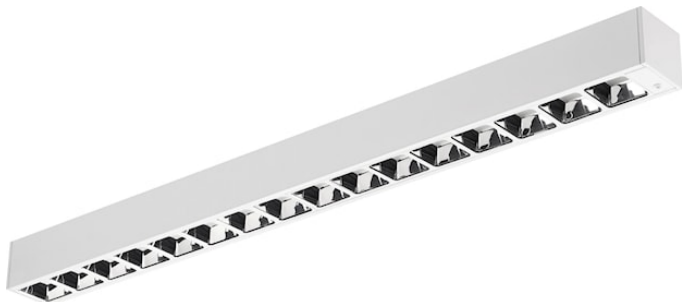


OPTIX LINEAR SURFACE 1200 D/I TW ALU DA EM

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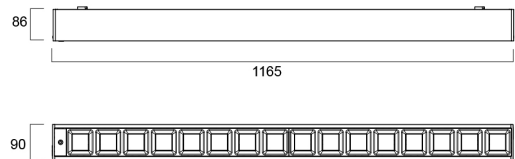
SYLVANIA



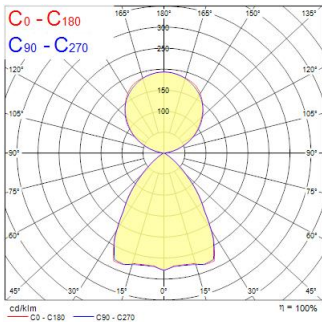
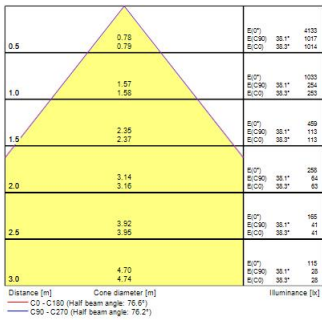
OPTIX LINEAR SURFACE 1200 D/I TW ALU DA EM is a high efficacy low glare linear luminaire for office and education applications. Suitable for continuous light line installations with accessories separately available. Direct / Indirect lighting with 80% downlight and 20% uplight ratio for ceiling suspended mounting. Size: 1160x90x80mm. Aluminised plastic extra low glare optics in a single line configuration. White RAL9016 fixture body. 3hr maintained emergency version. DALI DT8 colour control and dimming. Tunable white colour 3000-6000K, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 3700lm. Power consumption 34W. Luminaire efficacy 109lm/W. Lifespan: 48,000 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 TW ALU DA EM

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General data

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

Optical data

Fixture luminous flux (lm)	3700
Luminaire efficacy (lm/W)	109
Correlated colour temperature (k)	3000
Light colour	Tuneable White
CRI (Ra)	80
Distribution type	Direct/indirect
Glare control	< 16
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	85

Electrical data

Emergency duration (h)	3
Total power consumption (W)	34
Primary Supply/Product voltage - min (V)	198.0
Primary Supply/Product voltage - max (V)	264.0
Lamp power factor	0.97
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	10
Electrical protection	Class I
Control gear required	No
Dimmable	Yes
Dimming method	DALI
Drive current (mA)	600
Inrush Current (A)	29
Inrush Duration (µs)	180
Energy Efficiency Class (A->G) of contained light source	D
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

OPTIX LINEAR SURFACE 1200 D/I TW ALU DA EM

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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)	1160
Nominal Product Width (mm)	90
Nominal Product Height (mm)	80
Weight (kg)	4.25

Packaging

Product EAN number	5410288455471
Packaging single length / height (cm)	119.0
Packaging single width (cm)	10.0
Packaging single depth (cm)	11.0
DUN14 (inner)	05410288455471
Units per outer package	1
Packaging outer length / height (cm)	119.0
Packaging outer width (cm)	10.0
Packaging outer depth (cm)	11.0