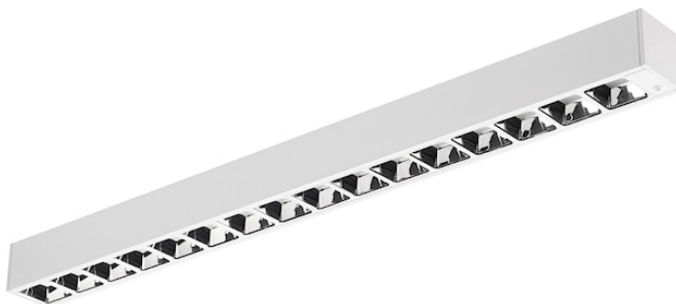
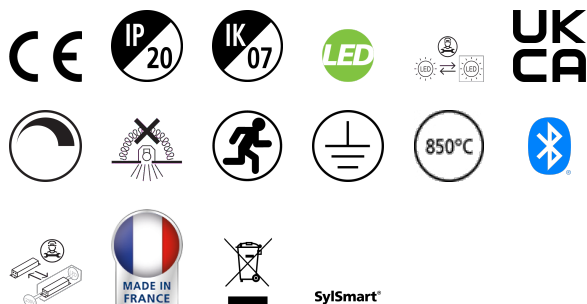


OPTIX LINEAR SURFACE 1200 4000K ALU SSC EM

Code article 2023805

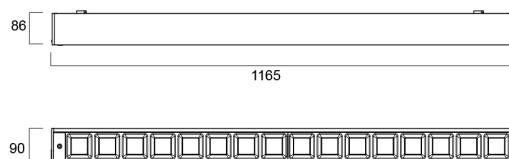
Concord



OPTIX LINEAR SURFACE 1200 4000K ALU SSC EM 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: 1160x90x80mm. Aluminised plastic extra low glare optics in a single line configuration. White RAL9016 fixture body. SylSmart Standalone capable. 3hr maintained emergency version. 4000K Neutral White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 3400lm. Power consumption 27.5W. 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.

Atouts techniques

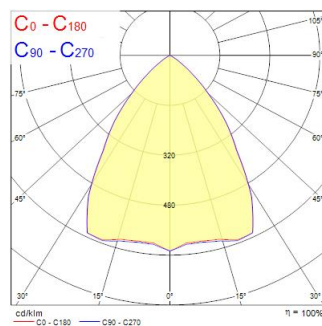
Dimensions (mm)



Photométrie

Distance [m]	Cone diameter [m]			
0.5	0.78 0.76	E171 E180 E180	36.0° 36.0° 37.9°	552 219 215
1.0	1.56 1.56	E171 E180 E180	36.0° 36.0° 37.9°	213 507 50
1.5	2.34 2.34	E171 E180 E180	36.0° 36.0° 37.9°	947 234 238
2.0	3.13 3.11	E171 E180 E180	36.0° 36.0° 37.9°	533 132 132
2.5	3.91 3.89	E171 E180 E180	36.0° 36.0° 37.9°	341 64 65
3.0	4.69 4.67	E171 E180 E180	36.0° 36.0° 37.9°	237 38 39

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (half beam angle: 75.0°)
 — C90 - C270 (half beam angle: 75.0°)



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Données générales

Nom du produit	OPTIX LINEAR SURFACE 1200 4000K ALU SSC EM
Technologie	LED
Cap/Base	N/A
Housing	Steel
Montage	Ceiling surface mounting
Built in presence detector	NONE
Fixture rating	Enclosed
General application	Office, Education, Retail
Operating temperature range (°C)	10°C...+25°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Warranty	5 ans

Données optiques

Fixture luminous flux (lm)	3400
Luminaire efficacy (lm/W)	124
Température de couleur (K)	4000
Couleur de lumière	Neutral White
IRC (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	85

Caractéristiques électriques

Emergency mode	Non-maintained
Emergency type	
Emergency duration (h)	3
Consommation électrique totale (W)	27.5
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
Type d'appareillage	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart Standalone (SSC)
Minimum dimming level (%)	1
Drive current (mA)	250
Courant d'appel (A)	22.4
Inrush Duration (µs)	176
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)	0.75
Connectable conductor cross section - Max (mm²)	2.5

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Durée de vie

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

Données physiques

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Matt/satinized
Diffuser material	PC Polycarbonate
Finition réflecteur	High-gloss
Longueur (mm)	1160
Largeur (mm)	90
Nominal Product Height (mm)	80
Poids (kg)	4.0

Emballage

Product EAN number	5025768238057
Longueur simple de l'emballage (cm)	119.0
Largeur simple de l'emballage (cm)	10.0
Packaging single depth (cm)	11.0
DUN14 (inner)	05025768238057
Units per outer package	1
Packaging outer length / height (cm)	119.0
Packaging outer width (cm)	10.0
Packaging outer depth (cm)	11.0

Sécurité

Glow Wire Test (°C)	850
Condition de fonctionnement optimal (° C)	10-25