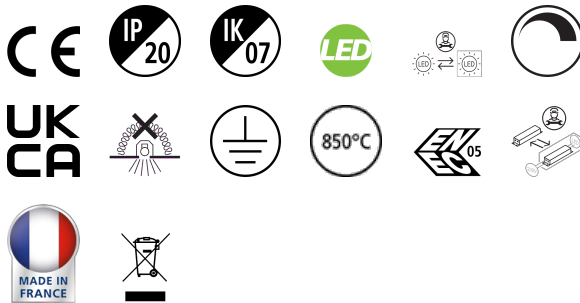


OPTIX LINEAR SURFACE 1200 DI LUMI HCL TW ALU DALI

Code article 2023860

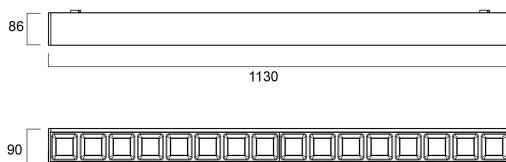
Concord



OPTIX LINEAR SURFACE 1200 D/I LUMI HCL TW ALU DALI is a suspended linear luminaire for office and education applications with Aluminised plastic extra low glare optics and RAL9016 colour fixture body. DALI DT8 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 R_f: 91; Gamut Index R_g: 101. For 4000K - Colour rendering index Ra >96; Melanopic Ratio MEER: 0.821; Fidelity Index R_f: 95; Gamut Index R_g: 101. For 6200K - Colour rendering index Ra >98; Melanopic Ratio MEER: 1.084; Fidelity Index R_f: 96; Gamut Index R_g: 99. For 4000K luminous flux: 3550lm. Power consumption: 38W. Luminaire efficacy: 93lm/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.

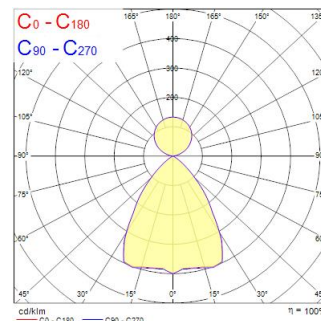
Atouts techniques

Dimensions (mm)



Photométrie

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Beam flux [lm]	Beam illuminance [lx]
0.5	0.77	75.4°	0.77	0.47	3550	7560
1.0	1.54	75.4°	1.54	1.88	3550	1890
1.5	2.31	75.4°	2.31	2.82	3550	1260
2.0	3.08	75.4°	3.08	3.75	3550	945
2.5	3.85	75.4°	3.85	4.68	3550	756
3.0	4.62	75.4°	4.62	5.61	3550	630



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Données générales

Nom du produit	OPTIX LINEAR SURFACE 1200 DI LUMI HCL TW ALU DALI
Technologie	LED
Cap/Base	N/A
Housing	Steel
Montage	Suspended
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)	3540
Luminaire efficacy (lm/W)	93
Couleur de lumière	Tuneable White HCL
IRC (Ra)	95
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 16
Photobiological Risk Group	RG1

Caractéristiques électriques

Emergency type	
Consommation électrique totale (W)	38
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	10
Electrical protection	Class I
Control gear required	No
Type d'appareillage	LED driver constant current
Dimmable	Yes
Dimming method	DALI-2
Minimum dimming level (%)	1
Drive current (mA)	165
Courant d'appel (A)	23
Inrush Duration (µs)	290
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	13
Max. products per 16A C Breaker	19
Max. products per 10A B Breaker	11
Max. products per 16A B Breaker	19
Connectable conductor cross section - Min (mm²)	0.75
Connectable conductor cross section - Max (mm²)	2.5

Durée de vie

Lifespan L70 B50	100000
Lifespan L80 B20	68000

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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)	1129
Largeur (mm)	90
Nominal Product Height (mm)	80
Poids (kg)	3.5

Emballage

Product EAN number	5025768238606
Longueur simple de l'emballage (cm)	119.0
Largeur simple de l'emballage (cm)	10.0
Packaging single depth (cm)	11.0
DUN14 (inner)	05025768238606
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