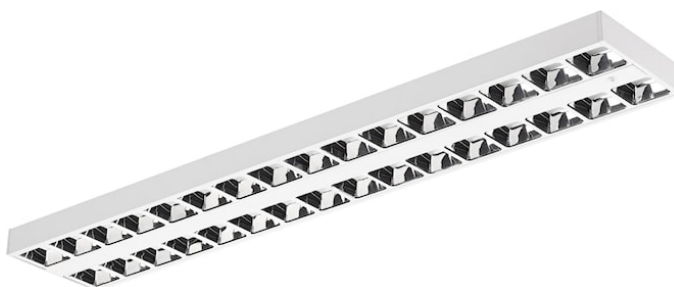
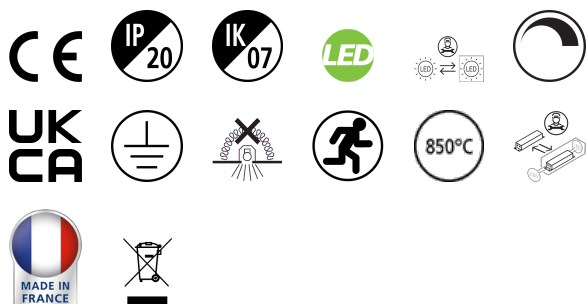


OPTIX SURFACE 1200x200 2 LINE D/I 4000K C9 ALU DALI EM

Code article 2023731

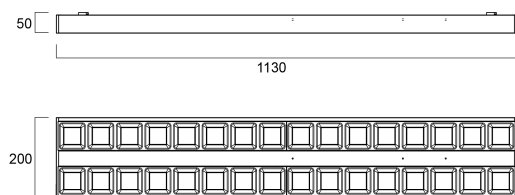
Concord



OPTIX SURFACE 1200x200 2 LINE D/I 4000K C9 ALU DALI EM is a high efficacy low glare luminaire for office and education applications. Direct / Indirect lighting with 80% downlight and 20% uplight ratio for ceiling suspended mounting. Size: 1129x200x45mm. Aluminised plastic extra low glare optics in 2 lines configuration. White RAL9016 fixture body. DALI dimmable. 3hr maintained emergency version. 4000K Neutral White LED, CRI>90, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 4100lm. Power consumption 35W. Luminaire efficacy 117lm/W. Lifespan: 60,000 hours L90B10. UGR<16, Luminance at 65°<200 Cd/m², IK07, IP20. Photobiological safety risk group 0. Electrical protection Class I. Glow wire test 850°C.

Atouts techniques

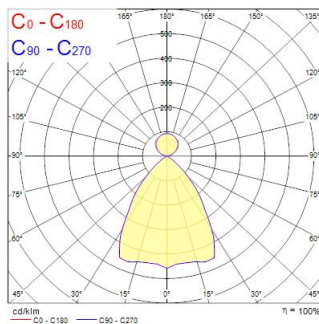
Dimensions (mm)



Photométrie

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Luminance [cd/m²]
0.5	0.78	75.2°	0.78	0.47	7511
1.0	1.56	75.2°	1.56	1.88	1878
1.5	2.34	75.2°	2.34	3.46	885
2.0	3.11	75.2°	3.11	4.98	619
2.5	3.89	75.2°	3.89	7.4	449
3.0	4.67	75.2°	4.67	10.8	322

Distance [m] Cone diameter [m] Luminance [cd/m²]
C0 - C180 (half beam angle: 75.2°)
C90 - C270 (half beam angle: 75.2°)



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Données générales

Nom du produit	OPTIX SURFACE 1200x200 2 LINE D/I 4000K C9 ALU DALI EM
Technologie	LED
Cap/Base	N/A
Housing	Steel
Montage	Suspended
Built in presence detector	NONE
Fixture rating	Enclosed
General application	Office, Education
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)	4100
Luminaire efficacy (lm/W)	117
Température de couleur (K)	4000
Couleur de lumière	Neutral White
IRC (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 16
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	85

Caractéristiques électriques

Emergency mode	Non-maintained
Emergency type	
Emergency duration (h)	3
Consommation électrique totale (W)	35
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 %	6.1
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)	650
Courant d'appel (A)	35
Inrush Duration (µs)	170
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	35
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	21
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	120000
Lifespan L90 B10	60000

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)	200
Nominal Product Height (mm)	45
Poids (kg)	4.8

Emballage

Product EAN number	5025768237319
Longueur simple de l'emballage (cm)	117.0
Largeur simple de l'emballage (cm)	22.5
Packaging single depth (cm)	6.8
DUN14 (inner)	05025768237319
Units per outer package	1
Packaging outer length / height (cm)	117.0
Packaging outer width (cm)	22.5
Packaging outer depth (cm)	6.8

Sécurité

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