

OPTIX SURFACE 1200x200 2 LINE D/I 4000K WHT

Code article 2023734

Concord



OPTIX SURFACE 1200x200 2 LINE D/I 4000K WHT 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. White plastic low glare optics in 2 lines configuration. White RAL9016 fixture body. Constant current driver. 4000K Neutral White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 4100lm. Power consumption 25W. Luminaire efficacy 164lm/W. Lifespan: 60,000 hours L90B10. UGR<19, Luminance at 65°<3000 Cd/m², IK07, IP20. Photobiological safety risk group 0. Electrical protection Class I. Glow wire test 850°C.

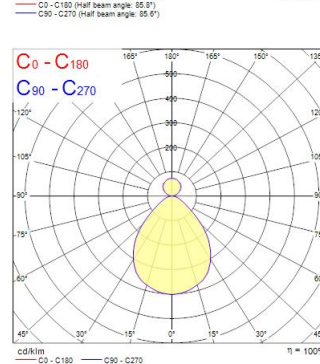
Atouts techniques

Dimensions (mm)



Photométrie

Distance [m]	Cone diameter [m]	Beam diameter [m]	Illuminance [lx]
0.5	0.83	0.83	694
		E107	1308
		E100	1266
1.0	1.65	1.65	169
		E107	328
		E100	324
1.5	2.78	2.78	73
		E107	145
		E100	144
2.0	3.70	3.72	41
		E107	82
		E100	81
2.5	4.63	4.65	26
		E107	51
		E100	50
3.0	5.56	5.58	18
		E107	36
		E100	35



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Données générales

Nom du produit	OPTIX SURFACE 1200x200 2 LINE D/I 4000K WHT
Technologie	LED
Cap/Base	N/A
Housing	Steel
Montage	Suspended
Built in presence detector	NONE
Fixture rating	Enclosed
General application	Education, Office
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)	164
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	RG0

Caractéristiques électriques

Consommation électrique totale (W)	25
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 %	20
Electrical protection	Class I
Control gear required	No
Type d'appareillage	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	500
Courant d'appel (A)	15
Inrush Duration (µs)	250
Energy Efficiency Class (A->G) of contained light source	C, 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	40
Max. products per 13A C Breaker	51
Max. products per 16A C Breaker	63
Max. products per 20A C Breaker	80
Max. products per 10A B Breaker	24
Max. products per 13A B Breaker	31
Max. products per 16A B Breaker	38
Max. products per 20A B Breaker	48
Connectable conductor cross section - Min (mm ²)	2.5
Connectable conductor cross section - Max (mm ²)	2.5

Durée de vie

Lifespan L70 B50	120000
Lifespan L80 B20	120000
Lifespan L90 B10	60000

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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
Longueur (mm)	1129
Largeur (mm)	200
Nominal Product Height (mm)	45
Poids (kg)	4.5

Emballage

Product EAN number	5025768237340
Longueur simple de l'emballage (cm)	117.0
Largeur simple de l'emballage (cm)	22.5
Packaging single depth (cm)	6.8
DUN14 (inner)	05025768237340
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