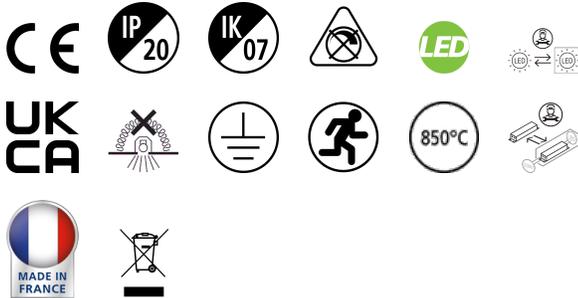# OPTIX SURFACE 1200 MPO D 4000K EM

Code article 2021673
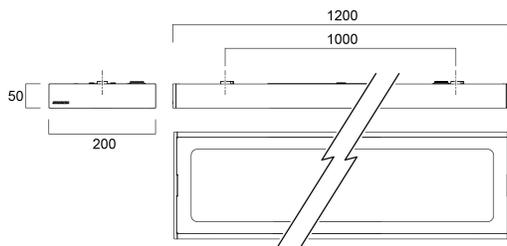
Concord

OPTIX SURFACE 1200 MPO D 4000K EM is a high efficacy low glare surface or suspended LED Linear luminaire with Micro Prismatic diffuser, with direct light distribution, luminaire dimensions: 1200x200x50mm, Sylvania White body colour (RAL9016), IP20, IK07, Constant current driver, 3hr maintained emergency version, low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 2863lm luminous flux, 26W power consumption, 110lm/W system efficacy, CRI>80, SDCM 3 (3-step MacAdam ellipse) LED Colour Consistency, UGR<19, Luminance at 65° < 3000 cd/m2, lifespan: 58,000 hours L90B10, photobiological safety risk group 1. Electrical protection Class I.
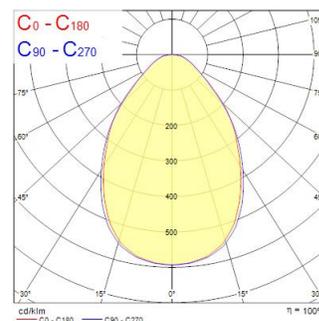
Atouts techniques

Dimensions (mm)

Photométrie

Distance [m]	Cone diameter [m]		Illuminance [lx]
0.5	0.79	E(0°)	7081
	0.76	E(C90) 38.2°	1720
		E(C0) 37.4°	1778
1.0	1.57	E(0°)	1770
	1.53	E(C90) 38.2°	430
		E(C0) 37.4°	445
1.5	2.36	E(0°)	787
	2.29	E(C90) 38.2°	191
		E(C0) 37.4°	198
2.0	3.15	E(0°)	443
	3.06	E(C90) 38.2°	108
		E(C0) 37.4°	111
2.5	3.93	E(0°)	283
	3.82	E(C90) 38.2°	69
		E(C0) 37.4°	71
3.0	4.72	E(0°)	197
	4.59	E(C90) 38.2°	48
		E(C0) 37.4°	49

C0 - C180 (Half beam angle: 74.8°)
C90 - C270 (Half beam angle: 76.4°)

Données générales

Nom du produit	OPTIX SURFACE 1200 MPO D 4000K EM
Technologie	LED
Cap/Base	N/A
Housing	Steel
Montage	Ceiling surface mounting
Built in presence detector	NONE
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)	2863
Luminaire efficacy (lm/W)	110
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)	80
Emergency duration (h)	3

Caractéristiques électriques

Consommation électrique totale (W)	26
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 %	10
Electrical protection	Class I
Control gear required	No
Type d'appareillage	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	225
Courant d'appel (A)	32
Inrush Duration (µs)	240
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	16
Max. products per 13A C Breaker	21
Max. products per 16A C Breaker	26
Max. products per 20A C Breaker	35
Max. products per 10A B Breaker	10
Max. products per 13A B Breaker	13
Max. products per 16A B Breaker	16
Max. products per 20A B Breaker	21
Connectable conductor cross section - Max (mm²)	1.5

Durée de vie

Lifespan L70 B50	238000
Lifespan L80 B20	130000
Lifespan L90 B10	58000

Concord

Données physiques

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser material	PMMA Acrylic
Longueur (mm)	1200
Largeur (mm)	200
Nominal Product Height (mm)	50
Poids (kg)	4.7

Emballage

Product EAN number	5025768216734
Longueur simple de l'emballage (cm)	122.0
Largeur simple de l'emballage (cm)	22.5
Packaging single depth (cm)	6.8
DUN14 (inner)	05025768216734
Units per outer package	1
Packaging outer length / height (cm)	122.0
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