

OPTIX SURFACE 1200 MPO D/I HO 4000K DALI EM

Code article 2021663

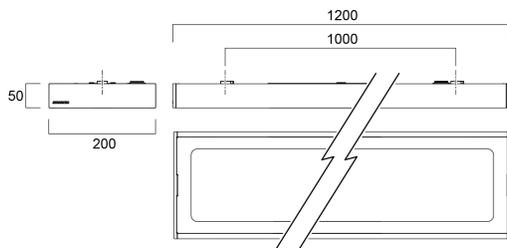
Concord



OPTIX SURFACE 1200 MPO D/I HO 4000K DALI EM is a high efficacy low glare suspended LED Linear luminaire with Micro Prismatic diffuser, with direct/indirect light distribution, luminaire dimensions: 1200x200x50mm, Sylvania White body colour (RAL9016), IP20, IK07, DALI Dimmable, 3hr maintained emergency version, low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 5770lm luminous flux, 60/40 D/I light distribution ratio, 47W power consumption, 122lm/W system efficacy, CRI>80, SDCM 3 (3-step MacAdam ellipse) LED Colour Consistency, UGR<18, Luminance at 65° < 3000 cd/m², lifespan: 58,000 hours L90B10, photobiological safety risk group 1. Electrical protection Class I.

Atouts techniques

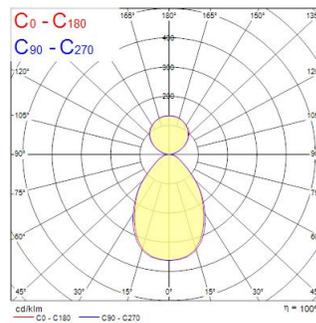
Dimensions (mm)



Photométrie

Distance [m]	Cone diameter [m]	E _{0%} [lx]	E _{5%} [lx]	E _{10%} [lx]	E _{30%} [lx]	E _{50%} [lx]	E _{90%} [lx]	Illuminance [lx]
0.5	0.79 0.77	5070	3820	2090	2090	510	206	206
1.0	1.57 1.54	2090	1610	910	910	231	91	91
1.5	2.36 2.31	930	720	400	400	102	40	40
2.0	3.15 3.08	530	410	230	230	60	23	23
2.5	3.93 3.85	380	290	160	160	43	16	16
3.0	4.72 4.62	290	220	120	120	31	12	12

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 75.2°)
 — C90 - C270 (Half beam angle: 76.4°)



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Données générales

Nom du produit	OPTIX SURFACE 1200 MPO D/I HO 4000K DALI EM
Technologie	LED
Cap/Base	N/A
Housing	Steel
Montage	Suspended
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)	5770
Luminaire efficacy (lm/W)	122
Température de couleur (K)	4000
Couleur de lumière	Neutral White
IRC (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 18
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	80
Emergency duration (h)	3

Caractéristiques électriques

Consommation électrique totale (W)	47
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	DALI
Drive current (mA)	300
Courant d'appel (A)	29
Inrush Duration (µs)	180
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 - Max (mm ²)	1.5

Durée de vie

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

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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)	4.8

Emballage

Product EAN number	5025768216635
Longueur simple de l'emballage (cm)	122.0
Largeur simple de l'emballage (cm)	22.5
Packaging single depth (cm)	6.8
DUN14 (inner)	05025768216635
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