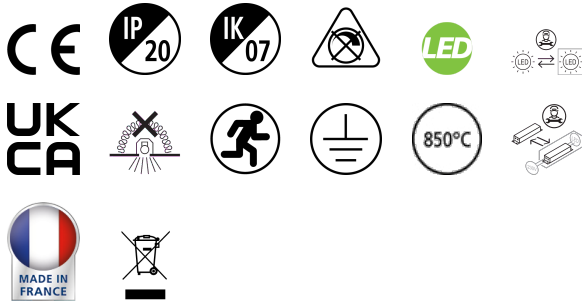


# OPTIX SURFACE 1200 MPO D/I HO 4000K EM

Code article 2021661

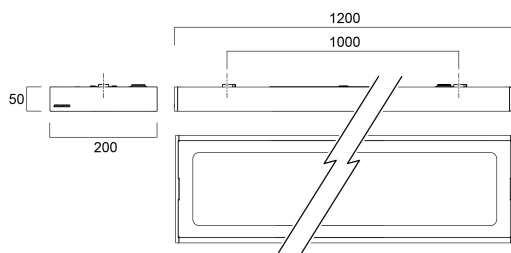
Concord



OPTIX SURFACE 1200 MPO D/I HO 4000K 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, Constant current driver, 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/m<sup>2</sup>, lifespan: 58,000 hours L90B10, photobiological safety risk group 1. Electrical protection Class I.

## Atouts techniques

### Dimensions (mm)

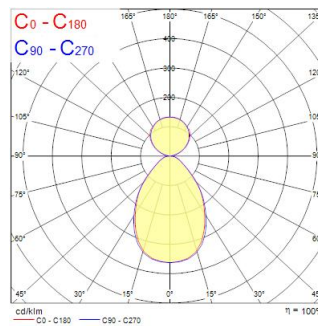


### Photométrie

Distance [m]	Cone diameter [m]	E <sub>0</sub> [lx]	E <sub>10</sub> [lx]	E <sub>30</sub> [lx]	E <sub>45</sub> [lx]	E <sub>60</sub> [lx]	E <sub>75</sub> [lx]	E <sub>90</sub> [lx]	Beam diameter [m]	Illuminance [lx]
0.5	0.79 0.77	5070	2099	910	510	323	209	130	0.79	2099
1.0	1.57 1.54	2099	910	510	323	209	130	85	1.57	510
1.5	2.36 2.31	910	510	323	209	130	85	57	2.36	323
2.0	3.15 3.08	510	323	209	130	85	57	47	3.15	209
2.5	3.93 3.85	323	209	130	85	57	47	39	3.93	130
3.0	4.72 4.62	209	130	85	57	47	39	32	4.72	85

Distance [m]    Cone diameter [m]    Illuminance [lx]

— C0 - C180 (Half beam angle: 75.2°)    — C90 - C270 (Half beam angle: 76.4°)



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

Code article 2021661

Concord

## Données générales

Nom du produit	OPTIX SURFACE 1200 MPO D/I HO 4000K 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

## Caractéristiques électriques

Emergency type	
Emergency duration (h)	3
Consommation électrique totale (W)	47
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)	300
Courant d'appel (A)	15
Inrush Duration (µs)	100
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	30
Max. products per 13A C Breaker	39
Max. products per 16A C Breaker	48
Max. products per 20A C Breaker	60
Max. products per 10A B Breaker	30
Max. products per 13A B Breaker	39
Max. products per 16A B Breaker	48
Max. products per 20A B Breaker	60
Connectable conductor cross section - Max (mm <sup>2</sup> )	1.5

## Durée de vie

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

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

Code article 2021661

**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)	4.8

## Emballage

Product EAN number	5025768216611
Longueur simple de l'emballage (cm)	122.0
Largeur simple de l'emballage (cm)	22.5
Packaging single depth (cm)	6.8
DUN14 (inner)	05025768216611
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