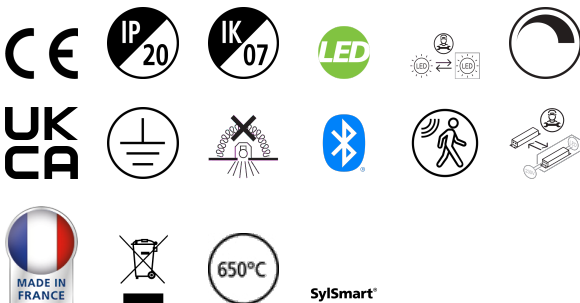


OPTIX SURFACE 1500 MPO D/I 4000K SSA03

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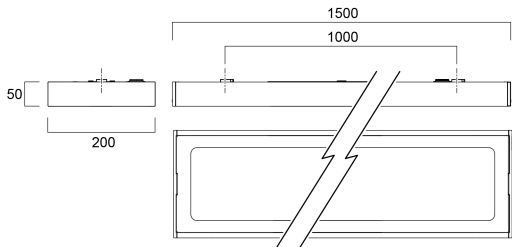
Concord



OPTIX SURFACE 1500 MPO D/I 4000K SSA03 is a high efficacy low glare suspended LED Linear luminaire with Micro Prismatic diffuser, with direct/indirect light distribution, luminaire dimensions: 1500x200x50mm, Sylvania White body colour (RAL9016), IP20, IK07, Sylsmart Connected capable, low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 6650lm luminous flux, 65/35 D/I light distribution ratio, 50W power consumption, 133lm/W system efficacy, CRI>80, SDCM 3 (3-step MacAdam ellipse) LED Colour Consistency, UGR<18, Luminance at 65° < 3000 cd/m2, lumen maintenance: L90B50 at 71000h, photobiological safety risk group 1. Electrical protection Class I.

Technical Assets

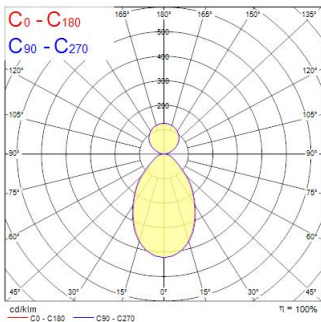
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Beam flux [lm]	Beam illuminance [lx]
0.5	0.71	65.0°	0.65	0.33	11237	3389
1.0	1.41	65.0°	1.37	1.37	2809	205
1.5	2.12	65.0°	2.06	3.31	1249	376
2.0	2.82	65.0°	2.75	7.56	732	97
2.5	3.53	65.0°	3.44	13.8	449	32
3.0	4.23	65.0°	4.12	26.9	312	11

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 65.0°)
C90 - C270 (Half beam angle: 70.4°)



OPTIX SURFACE 1500 MPO D/I 4000K SSA03

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General data

Product name	OPTIX SURFACE 1500 MPO D/I 4000K SSA03
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Suspended
Built in presence detector	PIR
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 years

Optical data

Fixture luminous flux (lm)	6650
Luminaire efficacy (lm/W)	133
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG1

Electrical data

Emergency type	
Total power consumption (W)	50
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	10
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart Connected (SSA)
Minimum dimming level (%)	1
Drive current (mA)	300
Inrush Current (A)	27
Inrush Duration (µs)	175
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	25
Max. products per 13A C Breaker	32
Max. products per 16A C Breaker	40
Max. products per 20A C Breaker	50
Max. products per 10A B Breaker	15
Max. products per 13A B Breaker	19
Max. products per 16A B Breaker	24
Max. products per 20A B Breaker	30
Connectable conductor cross section - Min (mm²)	0.75
Connectable conductor cross section - Max (mm²)	2.5

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Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	100000
Lifespan L90 B10	71000

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Prismatic
Diffuser material	PMMA Acrylic
Reflector finish	Not Applicable
Nominal Product Length (mm)	1500
Nominal Product Width (mm)	200
Nominal Product Height (mm)	58
Weight (kg)	5.7

Packaging

Product EAN number	5025768239108
Packaging single length / height (cm)	155.0
Packaging single width (cm)	9.0
Packaging single depth (cm)	21.0
DUN14 (inner)	05025768239108
Units per outer package	1
Packaging outer length / height (cm)	155.0
Packaging outer width (cm)	9.0
Packaging outer depth (cm)	21.0

Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	10-25