



Features

• OPTIX SURFACE 1200 MPO D/I 4000K 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, low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 4900lm luminous flux, 60/40 D/I light distribution ratio, 36W power consumption, 136lm/W system efficacy, CRI>80, SDCM 3 (3-step MacAdam ellipse) LED Colour Consistency, UGR<17, Luminance at 65° < 3000 cd/m2, lifespan: 58,000 hours L90B10, photobiological safety risk group 1. Electrical protection Class I.

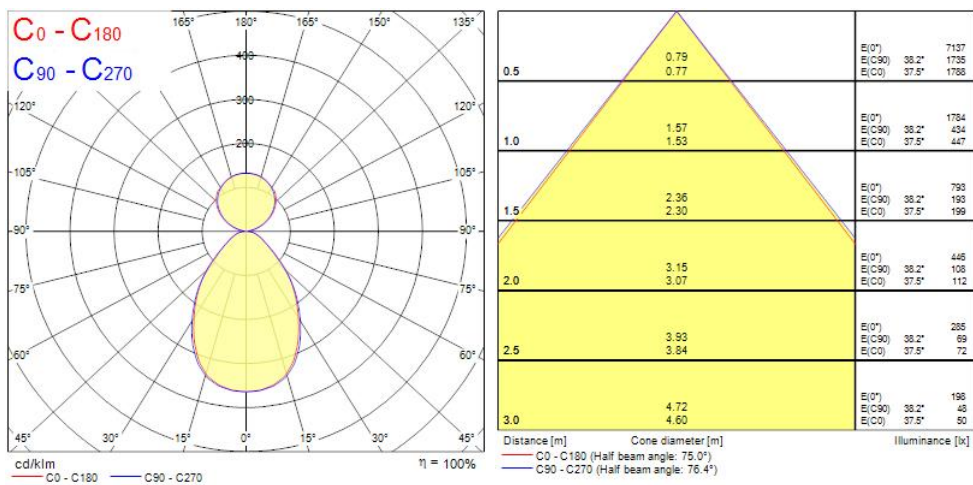
Product Overview

Product name	OPTIX SURFACE 1200 MPO D/I 4000K
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Suspended
Fixture luminous flux (lm)	4900
Luminaire efficacy (lm/W)	136
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 18
Photobiological Risk Group	RG1
Total power consumption (W)	36
Electrical protection	Class I
Control gear type	LED driver constant current
LED Flickering Rate	Ultra low (5% or less)

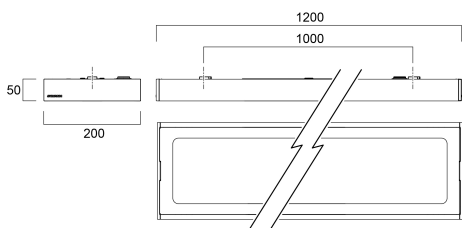
OPTIX SURFACE 1200 MPO D/I 4000K
2021668

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5025768216680
Warranty	5 years

Photometry



Technical drawings



Data table

GENERAL DATA

Product name	OPTIX SURFACE 1200 MPO D/I 4000K
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OPTIX SURFACE 1200 MPO D/I 4000K 2021668

Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Suspended
Performance ambient temperature Tq (°C)	25
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	4900
Luminaire efficacy (lm/W)	136
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 18
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	36
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.95
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Drive current (mA)	250
Inrush Current (A)	28
Inrush Duration (µs)	150
Glow Wire Test (°C)	850
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	22

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Max. products per 20A B Breaker	29
Connectable conductor cross section - Max (mm ²)	1.5

LIFETIME DATA

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

PHYSICAL DATA

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Prismatic
Diffuser material	PMMA Acrylic
Nominal Product Length (mm)	1200
Nominal Product Width (mm)	200
Weight (kg)	4.6

PACKAGING

Single packaging type	Carton
Product EAN number	5025768216680
Packaging single width (cm)	22.5
Packaging single depth (cm)	6.8
DUN14 (outer)	05025768216680
Packaging outer length / height (cm)	122.0

SAFETY DATA

Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No