



Features

• OPTIX SURFACE 1200 MPO D 4000K 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, low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 2863lm luminous flux, 23W power consumption, 124lm/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.

Product Overview

Product name	OPTIX SURFACE 1200 MPO D 4000K
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting
Fixture luminous flux (lm)	2863
Luminaire efficacy (lm/W)	124
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 19
Photobiological Risk Group	RG1
Total power consumption (W)	23
Electrical protection	Class I
Control gear type	LED driver constant current
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel

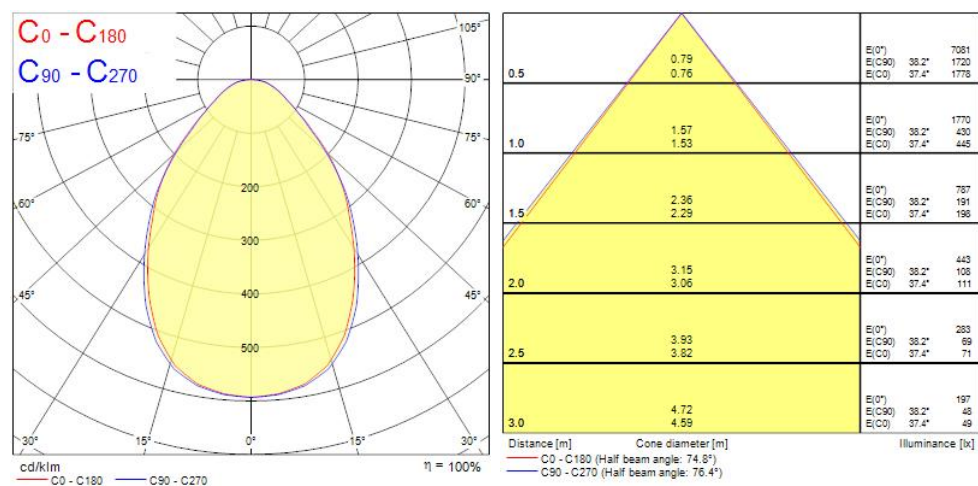
Concord

OPTIX SURFACE 1200 MPO D 4000K

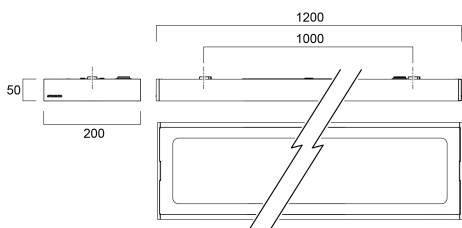
2021672

IP rating	IP20
IK rating	IK07
Product EAN number	5025768216727
Warranty	5 years

Photometry



Technical drawings



Data table

GENERAL DATA

Product name	OPTIX SURFACE 1200 MPO D 4000K
Technology	LED (3 SDCM)

OPTIX SURFACE 1200 MPO D 4000K 2021672

Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting
Performance ambient temperature Tq (°C)	25
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	2863
Luminaire efficacy (lm/W)	124
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 19
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	23
Primary Supply/Product voltage - min (V)	220
Lamp power factor	0.98
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Drive current (mA)	225
Inrush Current (A)	32
Inrush Duration (µs)	240
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	16
Max. products per 20A B Breaker	21

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 material	PMMA Acrylic
Nominal Product Length (mm)	1200
Nominal Product Width (mm)	200
Weight (kg)	4.5

PACKAGING

Single packaging type	Carton
Product EAN number	5025768216727
Packaging single width (cm)	22.5
Packaging single depth (cm)	6.8
DUN14 (outer)	05025768216727
Packaging outer length / height (cm)	122.0

SAFETY DATA

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