



Features

• OPTIX SURFACE 1200 MPO D/I 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, 4900lm luminous flux, 60/40 D/I light distribution ratio, 39W power consumption, 125lm/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.

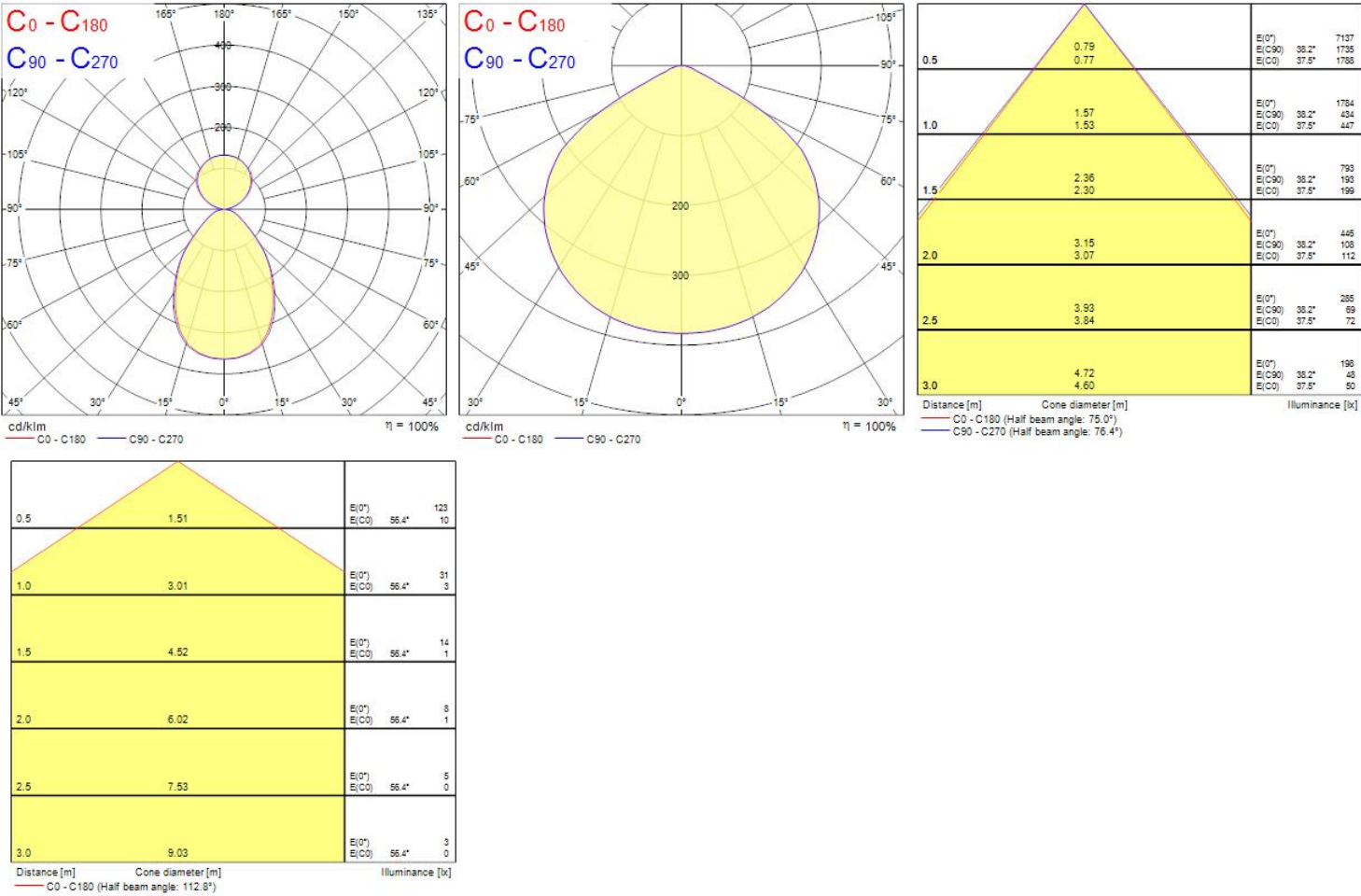
Product Overview

Product name	OPTIX SURFACE 1200 MPO D/I 4000K EM
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Suspended
Fixture luminous flux (lm)	4900
Luminaire efficacy (lm/W)	125
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 18
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	80
Total power consumption (W)	39
Electrical protection	Class I

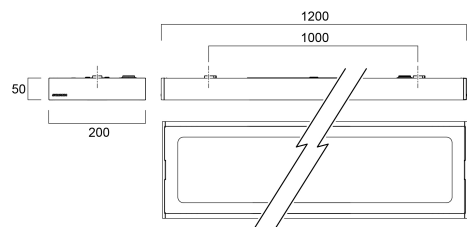
OPTIX SURFACE 1200 MPO D/I 4000K EM
2021669

Control gear type	LED driver constant current
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5025768216697
Warranty	5 years

Photometry



Technical drawings



Data table

GENERAL DATA

Product name	OPTIX SURFACE 1200 MPO D/I 4000K EM
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)	125
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 18
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	80
Emergency duration (h)	3

ELECTRICAL DATA

Total power consumption (W)	39
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
Max. products per 20A B Breaker	29
Connectable conductor cross section - Max (mm²)	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

Concord

OPTIX SURFACE 1200 MPO D/I 4000K EM
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Weight (kg)	4.8
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PACKAGING

Single packaging type	Carton
Product EAN number	5025768216697
Packaging single width (cm)	22.5
Packaging single depth (cm)	6.8
DUN14 (outer)	05025768216697
Packaging outer length / height (cm)	122.0

SAFETY DATA

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