



Features

• OPTIX SURFACE 1200 MPO D/I HO 4000K DALI 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, DALI Dimmable, low LED flicker (+/-5%), Neutral White (4000K) LED Colour Temperature, 5770lm luminous flux, 60/40 D/I light distribution ratio, 45W power consumption, 128lm/W system efficacy, CRI>80, SDCM 3 (3-step MacAdam ellipse) LED Colour Consistency, UGR<18, Luminance at 65° < 3000 cd/m2, lifespan: 58,000 hours L90B10, photobiological safety risk group 1. Electrical protection Class I.

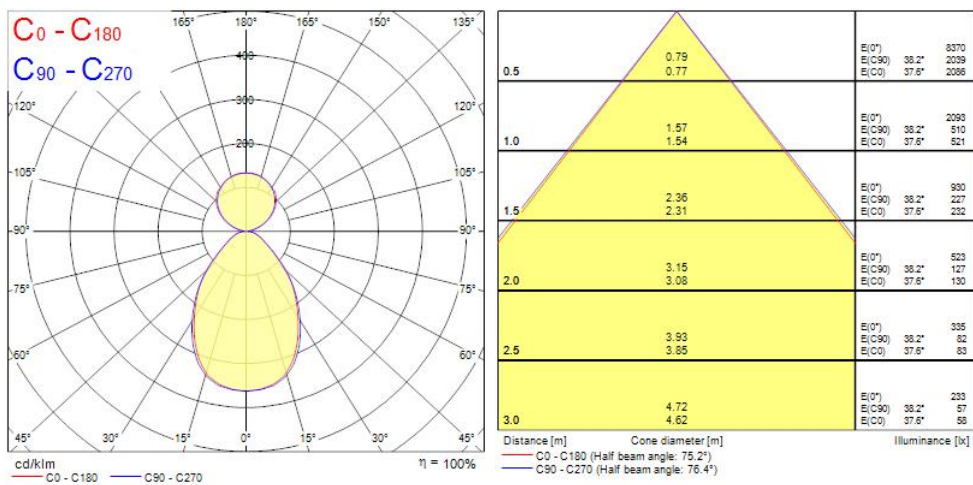
Product Overview

Product name	OPTIX SURFACE 1200 MPO D/I HO 4000K DALI
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Suspended
Fixture luminous flux (lm)	5770
Luminaire efficacy (lm/W)	128
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)	45
Electrical protection	Class I
Control gear type	LED driver constant current
LED Flickering Rate	Ultra low (5% or less)

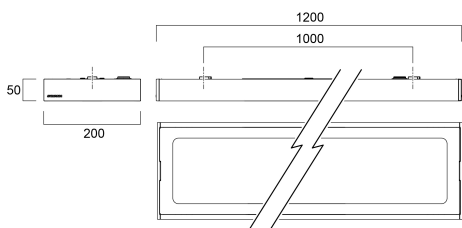
OPTIX SURFACE 1200 MPO D/I HO 4000K DALI
2021662

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5025768216628
Warranty	5 years

Photometry



Technical drawings



Data table

GENERAL DATA

Product name	OPTIX SURFACE 1200 MPO D/I HO 4000K DALI
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OPTIX SURFACE 1200 MPO D/I HO 4000K DALI 2021662

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)	5770
Luminaire efficacy (lm/W)	128
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)	45
Primary Supply/Product voltage - min (V)	198.0
Lamp power factor	0.98
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Drive current (mA)	300
Inrush Current (A)	29
Inrush Duration (µs)	180
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	21

OPTIX SURFACE 1200 MPO D/I HO 4000K DALI 2021662

Max. products per 20A B Breaker	27
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LIFETIME DATA

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

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

Single packaging type	Carton
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Product EAN number	5025768216628
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Packaging single width (cm)	22.5
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Packaging single depth (cm)	6.8
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DUN14 (outer)	05025768216628
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Packaging outer length / height (cm)	122.0
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SAFETY DATA

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