

Optix Surface 1200 Direct - Indirect Medium Output SylSmart
OPTIX SURFACE 1200x200 2 LINE D/I 4000K ALU SSC
2023729



PRODUCT OVERVIEW

Product name	OPTIX SURFACE 1200x200 2 LINE D/I 4000K ALU SSC
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Suspended
Fixture rating	Enclosed
Warranty	5 years
Fixture luminous flux (lm)	4100
Luminaire efficacy (lm/W)	137
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 16
Photobiological Risk Group	RG0
Total power consumption (W)	30
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
IP rating	IP20
IK rating	IK07
Product EAN number	5025768237296

DATA TABLE

General data	
Product name	OPTIX SURFACE 1200x200 2 LINE D/I 4000K ALU SSC
Technology	LED (3 SDCM)
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Fixture rating	Enclosed
Operating temperature range (°C)	10°C...+25°C
Performance ambient temperature Tq (°C)	25
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4100
Luminaire efficacy (lm/W)	137
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 16
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	30
Primary Supply/Product voltage - min (V)	198.0
Lamp power factor	0.98
Electrical protection	Class I
Control gear type	LED driver constant current
Drive current (mA)	550
Inrush Current (A)	35
Inrush Duration (µs)	170
Glow Wire Test (°C)	850
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	21
Max. products per 20A B Breaker	27
Connectable conductor cross section - Min (mm²)	2.5
Connectable conductor cross section - Max (mm²)	2.5

Lifetime data

Lifespan L70 B50	120000
Lifespan L80 B20	120000
Lifespan L90 B10	60000

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Matt/satinized
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1129
Nominal Product Width (mm)	200

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Weight (kg) 4.6

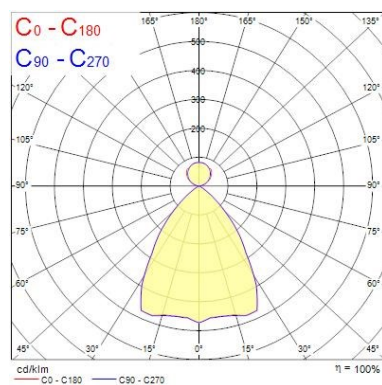
Packaging

Single packaging type	Carton
Product EAN number	5025768237296
Packaging single width (cm)	22.5
Packaging single depth (cm)	6.8
DUN14 (outer)	05025768237296
Packaging outer length / height (cm)	117.0

Safety data

Optimal operating condition (°C)	10-25
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PHOTOMETRY



Distance [m]	Cone diameter [m]	E (0°) [lx]	E (C0) [lx]	E (C90) [lx]	E (C180) [lx]
0.5	0.78	7789	38.1°	1902	
1.0	1.57	1940	38.1°	476	
1.5	2.35	862	38.1°	211	
2.0	3.14	426	38.1°	119	
2.5	3.92	310	38.1°	78	
3.0	4.70	216	38.1°	55	

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 76.2°)

TECHNICAL DRAWINGS

