

## Optix Surface 1500 Direct - Indirect High Output SylSmart *OPTIX SURFACE 1500x200 2 LINE D/I HO 4000K ALU SSC* 2023776



### PRODUCT OVERVIEW

Product name	OPTIX SURFACE 1500x200 2 LINE D/I HO 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)	7000
Luminaire efficacy (lm/W)	149
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 14
Photobiological Risk Group	RG1
Total power consumption (W)	47
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	5025768237760

### DATA TABLE

#### General data

Product name	OPTIX SURFACE 1500x200 2 LINE D/I HO 4000K ALU SSC
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Suspended

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2023776

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)	7000
Luminaire efficacy (lm/W)	149
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 14
Photobiological Risk Group	RG1

### Electrical data

Total power consumption (W)	47
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)	950
Inrush Current (A)	35
Inrush Duration (µs)	170
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	C, 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 - Max (mm <sup>2</sup> )	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)	1410
Nominal Product Width (mm)	200
Weight (kg)	1.6

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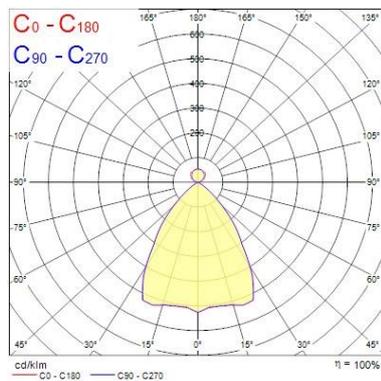
### Packaging

Single packaging type	Carton
Product EAN number	5025768237760
Packaging single width (cm)	22.5
Packaging single depth (cm)	6.8
DUN14 (outer)	05025768237760
Packaging outer length / height (cm)	147.0

### Safety data

Optimal operating condition (°C)	10-25
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## PHOTOMETRY



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.78	14738	37.8° 3571	37.8° 3645	
1.0	1.55	3695	37.8° 293	37.8° 911	
1.5	2.33	1638	37.8° 405	37.8° 455	
2.0	3.10	921	37.8° 233	37.8° 225	
2.5	3.88	590	37.8° 147	37.8° 146	
3.0	4.65	439	37.8° 102	37.8° 101	

Distance [m]      Cone diameter [m]      Illuminance [lx]  
 — C0 - C180 (Half beam angle: 75.8°)      — C90 - C270 (Half beam angle: 75.8°)

## TECHNICAL DRAWINGS

