

Optix Surface 1200 Direct - Indirect Medium Output
OPTIX SURFACE 1200x200 2 LINE D/I 3000K ALU
2023720



PRODUCT OVERVIEW

Product name	OPTIX SURFACE 1200x200 2 LINE D/I 3000K ALU
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Suspended
Fixture rating	Enclosed
Warranty	5 years
Fixture luminous flux (lm)	4000
Luminaire efficacy (lm/W)	138
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 16
Photobiological Risk Group	RG0
Total power consumption (W)	29
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	5025768237203

DATA TABLE

General data	
Product name	OPTIX SURFACE 1200x200 2 LINE D/I 3000K ALU
Technology	LED (3 SDCM)
Cap/Base	N/A
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Fixture rating	Enclosed
Performance ambient temperature Tq (°C)	25
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4000
Luminaire efficacy (lm/W)	138
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 16
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	29
Primary Supply/Product voltage - min (V)	198.0
Lamp power factor	0.95
Electrical protection	Class I
Control gear type	LED driver constant current
Drive current (mA)	600
Inrush Current (A)	25
Inrush Duration (µs)	250
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	27
Max. products per 20A B Breaker	35
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
Weight (kg)	4.5

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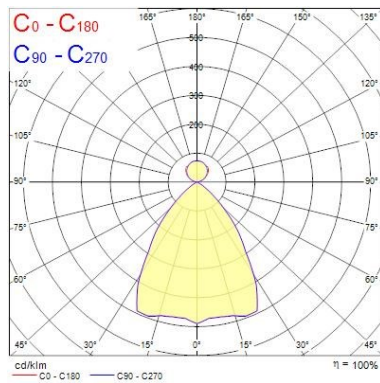
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Packaging

Single packaging type	Carton
Product EAN number	5025768237203
Packaging single width (cm)	22.5
Packaging single depth (cm)	6.8
DUN14 (outer)	05025768237203
Packaging outer length / height (cm)	117.0

PHOTOMETRY



0.5	0.78	E(0°) E(C0)	38.0°	7834 1938
1.0	1.56	E(0°) E(C0)	38.0°	1968 484
1.5	2.34	E(0°) E(C0)	38.0°	870 215
2.0	3.13	E(0°) E(C0)	38.0°	490 121
2.5	3.91	E(0°) E(C0)	38.0°	313 77
3.0	4.69	E(0°) E(C0)	38.0°	218 54

Distance [m]

Cone diameter [m]

C0 - C180 (Half beam angle: 76.0°)

Illuminance [lx]

TECHNICAL DRAWINGS

