

Optix Linear Surface 1200 Direct-Indirect
OPTIX LINEAR SURFACE 1200 D/I 4000K ALU
2023810



PRODUCT OVERVIEW

Product name	OPTIX LINEAR SURFACE 1200 D/I 4000K ALU
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Suspended
Fixture rating	Enclosed
Warranty	5 years
Fixture luminous flux (lm)	4500
Luminaire efficacy (lm/W)	145
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 16
Photobiological Risk Group	RG1
Total power consumption (W)	31
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	5025768238101

DATA TABLE

General data	
Product name	OPTIX LINEAR SURFACE 1200 D/I 4000K 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)	4500
Luminaire efficacy (lm/W)	145
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 16
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	31
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
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	107500
Lifespan L90 B10	48500

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)	90
Weight (kg)	3.5

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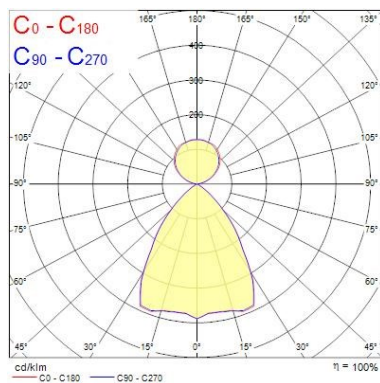
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Packaging

Single packaging type	Carton
Product EAN number	5025768238101
Packaging single width (cm)	10.0
Packaging single depth (cm)	11.0
DUN14 (outer)	05025768238101
Packaging outer length / height (cm)	119.0

PHOTOMETRY



Distance [m]	Cone diameter [m]	Beam angle [°]	Beam angle [°]	Beam angle [°]	Illuminance [lx]
0.5	0.78	0.78	37.9°	33.0°	6986
1.0	1.56	1.56	37.9°	33.0°	1747
1.5	2.34	2.34	37.9°	33.0°	776
2.0	3.11	3.11	37.9°	33.0°	437
2.5	3.89	3.89	37.9°	33.0°	279
3.0	4.67	4.67	37.9°	33.0°	194

Distance [m] Cone diameter [m] Beam angle [°] Beam angle [°] Beam angle [°] Illuminance [lx]

— C0 - C180 (Half beam angle: 76.0°)

— C90 - C270 (Half beam angle: 75.8°)

TECHNICAL DRAWINGS

