

Optix Linear Surface 1200 Direct
OPTIX LINEAR SURFACE 1200 4000K ALU EM
 2023802



PRODUCT OVERVIEW

Product name	OPTIX LINEAR SURFACE 1200 4000K ALU EM
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting
Fixture rating	Enclosed
Warranty	5 years
Fixture luminous flux (lm)	3400
Luminaire efficacy (lm/W)	117
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 19
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	85
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	5025768238026

DATA TABLE

General data

Product name	OPTIX LINEAR SURFACE 1200 4000K ALU EM
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel

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Mount	Ceiling surface mounting
Fixture rating	Enclosed
Performance ambient temperature Tq (°C)	25
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3400
Luminaire efficacy (lm/W)	117
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 19
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	85
Emergency duration (h)	3

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)	500
Inrush Current (A)	25
Inrush Duration (µs)	250
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	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

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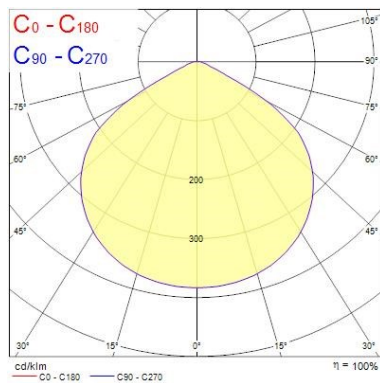
2023802

Nominal Product Length (mm)	1160
Nominal Product Width (mm)	90
Weight (kg)	4.0

Packaging

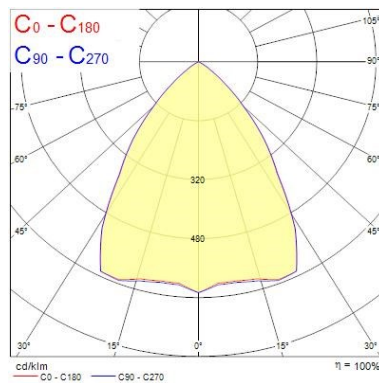
Single packaging type	Carton
Product EAN number	5025768238026
Packaging single width (cm)	10.0
Packaging single depth (cm)	11.0
DUN14 (outer)	05025768238026
Packaging outer length / height (cm)	119.0

PHOTOMETRY



Distance [m]	Cone diameter [m]	E (0°)	E (C90)	E (C0)
0.5	0.78	8522	2109	2115
1.0	1.56	2130	527	529
1.5	2.34	947	234	235
2.0	3.13	533	132	132
2.5	3.91	341	84	85
3.0	4.69	227	59	59

— C0 - C180 (Half beam angle: 75.0°)
— C90 - C270 (Half beam angle: 75.0°)



Distance [m]	Cone diameter [m]	E (0°)	E (C90)	E (C0)
0.5	1.51	133	10	
1.0	3.01	31	3	
1.5	4.52	14	1	
2.0	6.02	8	0	
2.5	7.53	5	0	
3.0	9.03	3	0	

— C0 - C180 (Half beam angle: 112.8°)

TECHNICAL DRAWINGS

