

Optix Linear Surface 1200 Direct
OPTIX LINEAR SURFACE 1200 4000K ALU DALI EM
2023801



PRODUCT OVERVIEW

Product name	OPTIX LINEAR SURFACE 1200 4000K ALU DALI 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	5025768238019

DATA TABLE

General data	
Product name	OPTIX LINEAR SURFACE 1200 4000K ALU DALI 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	0.98
Electrical protection	Class I
Control gear type	LED driver constant current
Drive current (mA)	250
Inrush Current (A)	29
Inrush Duration (µs)	180
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	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	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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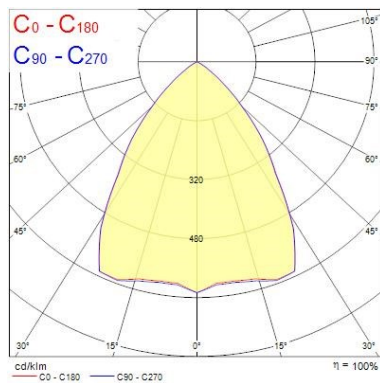
2023801

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

Packaging

Single packaging type	Carton
Product EAN number	5025768238019
Packaging single width (cm)	10.0
Packaging single depth (cm)	11.0
DUN14 (outer)	05025768238019
Packaging outer length / height (cm)	119.0

PHOTOMETRY

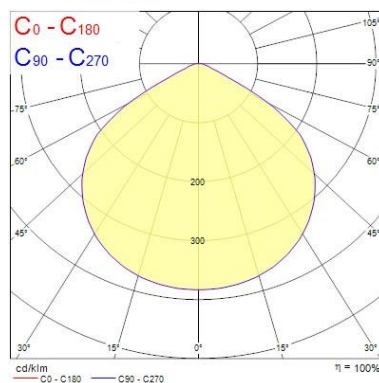


Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	0.78	0.78	38.0°	2130
1.0	1.56	1.56	38.0°	527
1.5	2.34	2.34	38.0°	234
2.0	3.13	3.13	38.0°	132
2.5	3.91	3.91	38.0°	84
3.0	4.69	4.67	38.0°	59

Illuminance [lx]

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	1.51	1.51	56.4°	123
1.0	3.01	3.01	56.4°	31
1.5	4.52	4.52	56.4°	14
2.0	6.02	6.02	56.4°	8
2.5	7.53	7.53	56.4°	5
3.0	9.03	9.03	56.4°	3

Illuminance [lx]



TECHNICAL DRAWINGS

