

Optix Linear Surface 1200 Direct
OPTIX LINEAR SURFACE 1200 3000K ALU DALI
2023798



PRODUCT OVERVIEW

Product name	OPTIX LINEAR SURFACE 1200 3000K ALU DALI
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting
Fixture rating	Enclosed
Warranty	5 years
Fixture luminous flux (lm)	3200
Luminaire efficacy (lm/W)	119
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 19
Photobiological Risk Group	RG1
Total power consumption (W)	27
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	5025768237982

DATA TABLE

General data	
Product name	OPTIX LINEAR SURFACE 1200 3000K ALU DALI
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting

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Fixture rating	Enclosed
Performance ambient temperature Tq (°C)	25
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3200
Luminaire efficacy (lm/W)	119
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 19
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	27
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
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
Nominal Product Length (mm)	1129
Nominal Product Width (mm)	90
Weight (kg)	3.25

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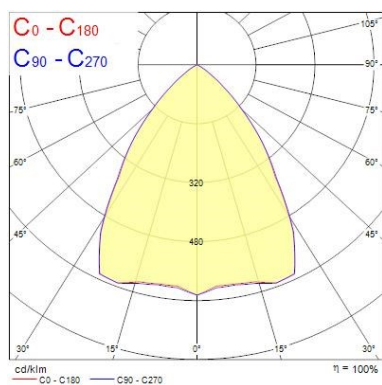
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Packaging

Single packaging type	Carton
Product EAN number	5025768237982
Packaging single width (cm)	10.0
Packaging single depth (cm)	11.0
DUN14 (outer)	05025768237982
Packaging outer length / height (cm)	119.0

PHOTOMETRY



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.78 0.78	E(0°) 38.0° 8001 E(C90) 38.0° 1961 E(C0) 37.8° 1961
1.0	1.56 1.56	E(0°) 38.0° 2000 E(C90) 38.0° 496 E(C0) 37.8° 496
1.5	2.34 2.33	E(0°) 38.0° 889 E(C90) 38.0° 233 E(C0) 37.8° 232
2.0	3.13 3.10	E(0°) 38.0° 500 E(C90) 38.0° 124 E(C0) 37.8° 125
2.5	3.91 3.88	E(0°) 38.0° 320 E(C90) 38.0° 79 E(C0) 37.8° 80
3.0	4.69 4.65	E(0°) 38.0° 222 E(C90) 38.0° 66 E(C0) 37.8° 65

Distance [m] Cone diameter [m] illuminance [lx]
 C0 - C180 (Half beam angle: 75.6°)
 C90 - C270 (Half beam angle: 76.0°)

TECHNICAL DRAWINGS

