

Optix Linear Surface 1200 Direct-Indirect
OPTIX LINEAR SURFACE 1200 DI LUMI 4K ALU DALI
2023858



PRODUCT OVERVIEW

Product name	OPTIX LINEAR SURFACE 1200 DI LUMI 4K ALU DALI
Technology	LED LumiNature
Cap/Base	N/A
Housing	Steel
Mount	Suspended
Fixture rating	Enclosed
Warranty	5 years
Fixture luminous flux (lm)	4020
Luminaire efficacy (lm/W)	112
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	98
Colour Variation Initial (SDCM)	SDCM3
Colour Consistency (SDCM)	3
Glare control	< 16
Photobiological Risk Group	RG1
Total power consumption (W)	36
Electrical protection	Class I
Control gear type	LED driver constant current
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5025768238583

DATA TABLE

General data	
Product name	OPTIX LINEAR SURFACE 1200 DI LUMI 4K ALU DALI
Technology	LED LumiNature
Cap/Base	N/A
Housing	Steel
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Fixture rating	Enclosed
Performance ambient temperature Tq (°C)	25
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4020
Luminaire efficacy (lm/W)	112
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	98
Colour Variation Initial (SDCM)	SDCM3
Colour Consistency (SDCM)	3
Glare control	< 16
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	36
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)	23
Inrush Duration (µs)	174
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	F, F(more than 1 Light Source)
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	18
Max. products per 20A B Breaker	17

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	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)	90
Weight (kg)	3.5

Packaging

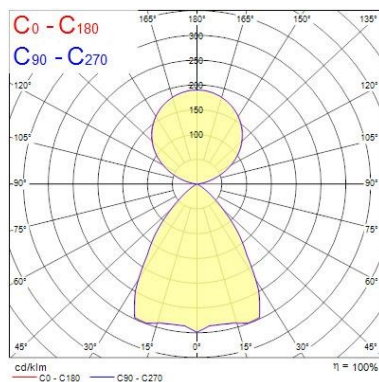
Single packaging type	Carton
Product EAN number	5025768238583

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Packaging single width (cm)	10.0
Packaging single depth (cm)	11.0
DUN14 (outer)	05025768238583
Packaging outer length / height (cm)	119.0

PHOTOMETRY



Distance [m]	Cone diameter [m]	E [lm]	E [lm]	E [lm]
0.5	0.77 0.78	E (C0) E (C90) E (C180)	37.7° 37.7° 37.9°	4803 1182 1182
1.0	1.55 1.56	E (C0) E (C90) E (C180)	37.7° 37.7° 37.9°	1201 296 296
1.5	2.32 2.34	E (C0) E (C90) E (C180)	37.7° 37.7° 37.9°	804 193 193
2.0	3.09 3.11	E (C0) E (C90) E (C180)	37.7° 37.7° 37.9°	500 125 125
2.5	3.86 3.89	E (C0) E (C90) E (C180)	37.7° 37.7° 37.9°	300 75 75
3.0	4.64 4.67	E (C0) E (C90) E (C180)	37.7° 37.7° 37.9°	192 48 48

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 75.8°)
— C90 - C270 (Half beam angle: 75.4°)

TECHNICAL DRAWINGS

