

Optix Surface 1200 Direct Medium Output
OPTIX SURFACE 1200 2L LUMI 4K ALU DALI
2023828



PRODUCT OVERVIEW

Product name	OPTIX SURFACE 1200 2L LUMI 4K ALU DALI
Technology	LED LumiNature
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
Warranty	5 years
Fixture luminous flux (lm)	3810
Luminaire efficacy (lm/W)	106
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	RG0
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	5025768238286

DATA TABLE

General data	
Product name	OPTIX SURFACE 1200 2L LUMI 4K ALU DALI
Technology	LED LumiNature
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Fixture rating	Enclosed
Performance ambient temperature Tq (°C)	25
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3810
Luminaire efficacy (lm/W)	106
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	RG0

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)	29
Inrush Duration (µs)	180
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	F
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	21
Max. products per 20A B Breaker	27

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)	200
Weight (kg)	4.5

Packaging

Single packaging type	Carton
Product EAN number	5025768238286

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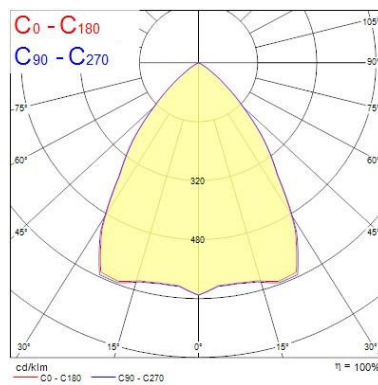
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Packaging single width (cm)	22.5
Packaging single depth (cm)	6.8
DUN14 (outer)	05025768238286
Packaging outer length / height (cm)	117.0

PHOTOMETRY

0.5	0.76	E(0°) E(C0)	37.9°	9613 2367
1.0	1.56	E(0°) E(C0)	37.9°	2403 592
1.5	2.34	E(0°) E(C0)	37.9°	1088 263
2.0	3.11	E(0°) E(C0)	37.9°	801 148
2.5	3.89	E(0°) E(C0)	37.9°	335 96
3.0	4.67	E(0°) E(C0)	37.9°	267 86

Distance [m] Cone diameter [m] Illuminance [lx]
— C0 - C180 (Half beam angle: 75.8°)



TECHNICAL DRAWINGS

