

Features

• OPTIX SURFACE 1200 2L LUMI 4000K ALU is a surface mounted luminaire for office and education applications with Aluminised plastic extra low glare optics and RAL9016 colour fixture body. Constant current driver. 4000K Neutral White LED, chromaticity tolerance of 3-step MacAdam ellipse. For 4000K - Colour rendering index Ra >98; Melanopic Ratio MEER: 0.782; Fidelity Index R#: 93; Gamut Index R#: 98. For 4000K luminous flux: 3800lm. Power consumption: 36W. Luminaire efficacy: 106lm/W. UGR<16 Luminance at 65°<200 Cd/m2, IK07, IP20. Photobiological safety risk group 0. Electrical protection Class I. Glow wire test 850°C. 60,000hrs L80B20 lifespan.

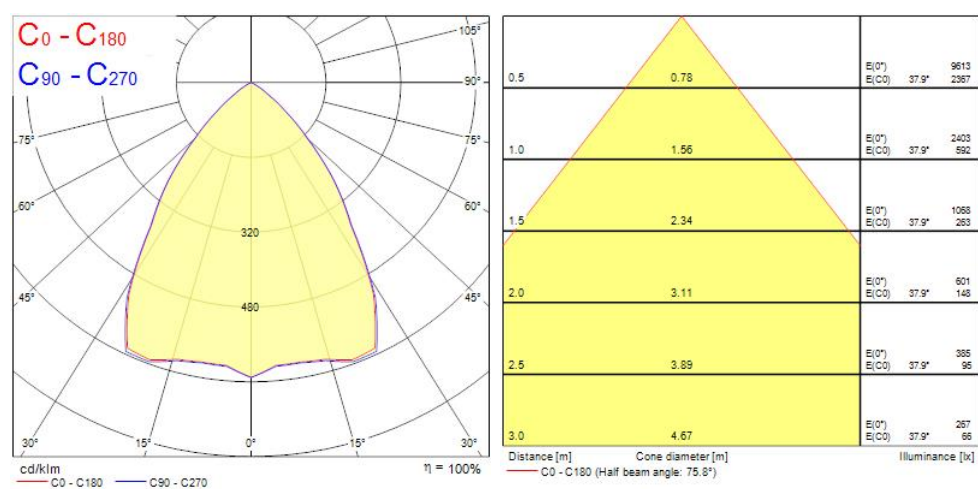
Product Overview

Product name	OPTIX SURFACE 1200 2L LUMI 4K ALU
Technology	LED LumiNature
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
Fixture luminous flux (lm)	3810
Luminaire efficacy (lm/W)	106
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	98
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	3
Glare control	< 16
Photobiological Risk Group	RG0
Total power consumption (W)	36
Electrical protection	Class I

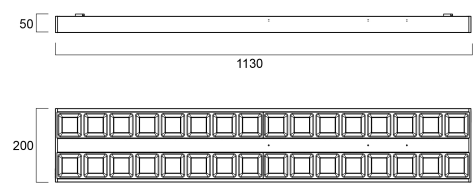
OPTIX SURFACE 1200 2L LUMI 4K ALU
2023827

Control gear type	LED driver constant current
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5025768238279
Warranty	5 years

Photometry



Technical drawings



Data table

GENERAL DATA

OPTIX SURFACE 1200 2L LUMI 4K ALU 2023827

Product name	OPTIX SURFACE 1200 2L LUMI 4K ALU
Technology	LED LumiNature
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
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 Consistency (SDCM)	3
Colour Variation Initial (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	0.95
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Drive current (mA)	250
Inrush Current (A)	25
Inrush Duration (µs)	250
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	F

OPTIX SURFACE 1200 2L LUMI 4K ALU 2023827

Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	27
Max. products per 20A B Breaker	35

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	5025768238279
Packaging single width (cm)	22.5
Packaging single depth (cm)	6.8
DUN14 (outer)	05025768238279
Packaging outer length / height (cm)	117.0

SAFETY DATA

Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No