

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
General application	Education, Office
ETIM Class	EC002892
Fixture luminous flux (lm)	3810
Luminaire efficacy (lm/W)	106
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	98
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	3
Glare control	< 16

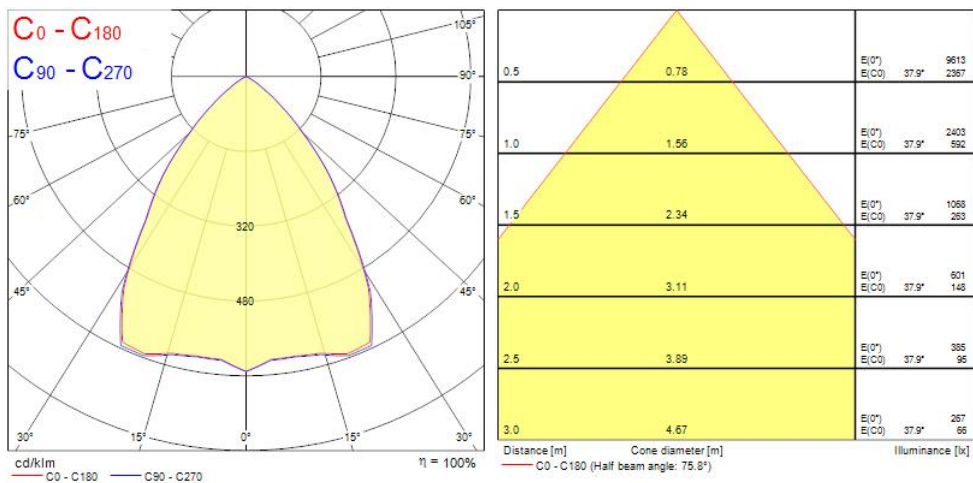
Concord

OPTIX SURFACE 1200 2L LUMI 4K ALU

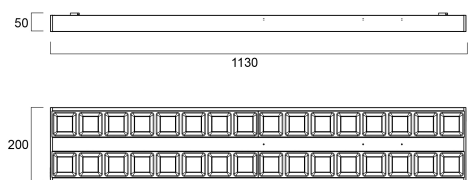
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Photobiological Risk Group	RG0
Total power consumption (W)	36
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No
Housing colour	RAL9016
IP rating	IP20
IK rating	IK07
Product EAN number	5025768238279
Warranty	5 years
Dimming method	N/A

Photometry



Technical drawings



Data table

GENERAL DATA

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
General application	Education, Office
Operating temperature range (°C)	10°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	3810
Luminaire efficacy (lm/W)	106
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	98
Colour Variation Initial (SDCM)	3
Colour Consistency (SDCM)	3
Distribution type	Symmetric
Glare control	< 16
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	36
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.95

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THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	10
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	250
Inrush Current (A)	25
Inrush Duration (µs)	250
Energy Efficiency Class (A->G) of contained light source	F
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	27
Max. products per 13A C Breaker	35
Max. products per 16A C Breaker	45
Max. products per 20A C Breaker	58
Max. products per 10A B Breaker	16
Max. products per 13A B Breaker	21
Max. products per 16A B Breaker	27
Max. products per 20A B Breaker	35
Connectable conductor cross section - Max (mm²)	2.5

LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L80 B20	60000

PHYSICAL DATA

Housing colour	RAL9016
IP rating	IP20
IK rating	IK07
Diffuser finish	Matt/satinized
Diffuser material	PC Polycarbonate

OPTIX SURFACE 1200 2L LUMI 4K ALU 2023827

Nominal Product Length (mm)	1129
Nominal Product Width (mm)	200
Nominal Product Height (mm)	45
Weight (kg)	4.5

PACKAGING

Product EAN number	5025768238279
Packaging single length / height (cm)	117.0
Packaging single width (cm)	22.5
Packaging single depth (cm)	6.8
DUN14 (inner)	05025768238279
Units per outer package	1
Packaging outer length / height (cm)	117.0
Packaging outer width (cm)	22.5
Packaging outer depth (cm)	6.8

SAFETY DATA

Glow Wire Test (°C)	850
Optimal operating condition (°C)	10-25
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No