

Features

• OPTIX SURFACE 1200 2L LUMI HCL TW ALU SSC is a surface mounted luminaire for office and education applications with Aluminised plastic extra low glare optics and RAL9016 colour fixture body. SylSmart Standalone controlled tunable white light engine. 2700-6200K Tunable White LED, chromaticity tolerance of 3-step MacAdam ellipse. For 2700K - Colour rendering index Ra >98; Melanopic Ratio MEER: 0.524; Fidelity Index R#: 97; Gamut Index R#: 101. For 4000K - Colour rendering index Ra >95; Melanopic Ratio MEER: 0.819; Fidelity Index R#: 94; Gamut Index R#: 101. For 6200K - Colour rendering index Ra >98; Melanopic Ratio MEER: 1.071; Fidelity Index R#: 95; Gamut Index R#: 99. For 4000K luminous flux: 3500lm. Power consumption: 37W. Luminaire efficacy: 95lm/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. 68,000hrs L80B20 lifespan.

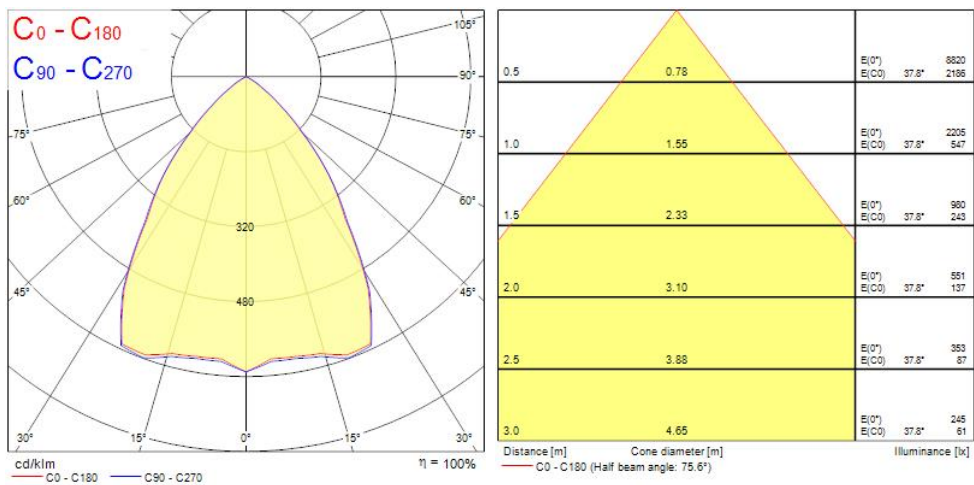
Product Overview

Product name	OPTIX SURFACE 1200 2L LUMI HCL TW ALU SSC
Technology	LED LumiNature
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting
Fixture rating	Enclosed
General application	Education, Office
ETIM Class	EC002892
Fixture luminous flux (lm)	3500
Luminaire efficacy (lm/W)	95
Light colour	Tuneable White HCL

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CRI (Ra)	95
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	3
Glare control	< 16
Photobiological Risk Group	RG0
Total power consumption (W)	37
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	Yes
Housing colour	RAL9016
IP rating	IP20
IK rating	IK07
Product EAN number	5025768238316
Warranty	5 years
Dimming method	SylSmart SSC

Photometry

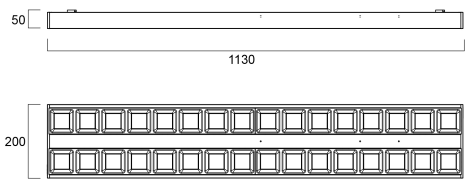


Concord

OPTIX SURFACE 1200 2L LUMI HCL TW ALU SSC

2023831

Technical drawings



Data table

GENERAL DATA

Product name	OPTIX SURFACE 1200 2L LUMI HCL TW ALU SSC
Technology	LED LumiNature
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface 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)	3500
Luminaire efficacy (lm/W)	95
Light colour	Tuneable White HCL
CRI (Ra)	95
Colour Variation Initial (SDCM)	3
Colour Consistency (SDCM)	3
Distribution type	Symmetric

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Glare control	< 16
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	37
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.95
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	Yes
Dimming method	SylSmart SSC
Drive current (mA)	480
Inrush Current (A)	23
Inrush Duration (µs)	180
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	13
Max. products per 16A C Breaker	19
Max. products per 16A B Breaker	22
Connectable conductor cross section - Max (mm²)	2.5

LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L80 B20	68000

PHYSICAL DATA

Housing colour	RAL9016
IP rating	IP20

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IK rating	IK07
Diffuser finish	Matt/satinized
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1129
Nominal Product Width (mm)	200
Nominal Product Height (mm)	45
Weight (kg)	4.5

PACKAGING

Product EAN number	5025768238316
Packaging single length / height (cm)	117.0
Packaging single width (cm)	22.5
Packaging single depth (cm)	6.8
DUN14 (inner)	05025768238316
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