Concord

OPTIX SURFACE 1500x200 2 LINE D/I HO 4000K ALU SSC
2023776

Features

• OPTIX SURFACE 1500x200 2 LINE D/I HO 4000K ALU SSC is a high efficacy low glare luminaire for office and education applications. Direct / Indirect lighting with 80% downlight and 20% uplight ratio for ceiling suspended mounting. Size: 1410x200x45mm. Aluminised plastic extra low glare optics in 2 lines configuration. White RAL9016 fixture body. SylSmart Standalone capable. 4000K Neutral White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 7000lm. Power consumption 47W. Luminaire efficacy 149lm/W. Lifespan: 60,000 hours L90B10. UGR<16, Luminance at 65°<200 Cd/m2, IK07, IP20. Photobiological safety risk group 1. Electrical protection Class I. Glow wire test 850°C
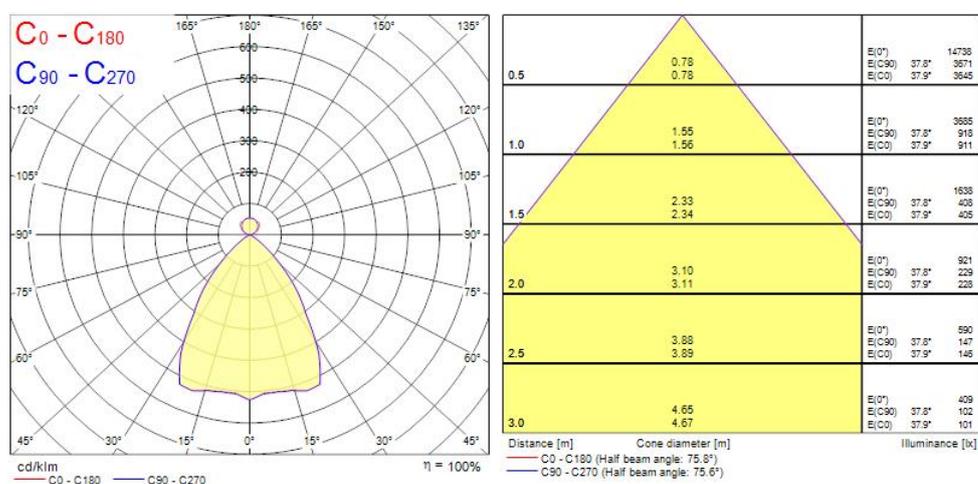
Product Overview

Product name	OPTIX SURFACE 1500x200 2 LINE D/I HO 4000K ALU SSC
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Suspended
Fixture rating	Enclosed
Fixture luminous flux (lm)	7000
Luminaire efficacy (lm/W)	149
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 14
Photobiological Risk Group	RG1
Total power consumption (W)	47
Electrical protection	Class I

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Control gear type	LED driver constant current
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5025768237760
Warranty	5 years

Photometry

Technical drawings
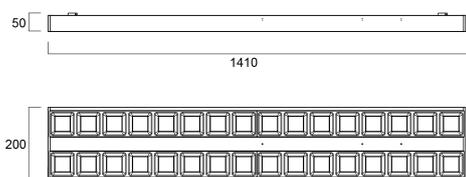
Data table

GENERAL DATA

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Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Suspended
Fixture rating	Enclosed
Operating temperature range (°C)	10°C...+25°C
Performance ambient temperature Tq (°C)	25
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	7000
Luminaire efficacy (lm/W)	149
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 14
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	47
Primary Supply/Product voltage - min (V)	198.0
Lamp power factor	0.98
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Drive current (mA)	950
Inrush Current (A)	35
Inrush Duration (µs)	170
Glow Wire Test (°C)	850

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Energy Efficiency Class (A->G) of contained light source	C, C, C(more than 1 Light Source)
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	21
Max. products per 20A B Breaker	27
Connectable conductor cross section - Max (mm²)	2.5

LIFETIME DATA

Lifespan L70 B50	120000
Lifespan L80 B20	120000
Lifespan L90 B10	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)	1410
Nominal Product Width (mm)	200
Weight (kg)	1.6

PACKAGING

Single packaging type	Carton
Product EAN number	5025768237760
Packaging single width (cm)	22.5
Packaging single depth (cm)	6.8
DUN14 (outer)	05025768237760
Packaging outer length / height (cm)	147.0

SAFETY DATA

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

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