

Features

• OPTIX SURFACE 1200x200 2 LINE D/I 3000K ALU 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: 1129x200x45mm. Aluminised plastic extra low glare optics in 2 lines configuration. White RAL9016 fixture body. Constant current driver. 3000K Warm White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 4000lm. Power consumption 29W. Luminaire efficacy 138lm/W. Lifespan: 60,000 hours L90B10. UGR<16, Luminance at 65°<200 Cd/m2, IK07, IP20. Photobiological safety risk group 0. Electrical protection Class I. Glow wire test 850°C.

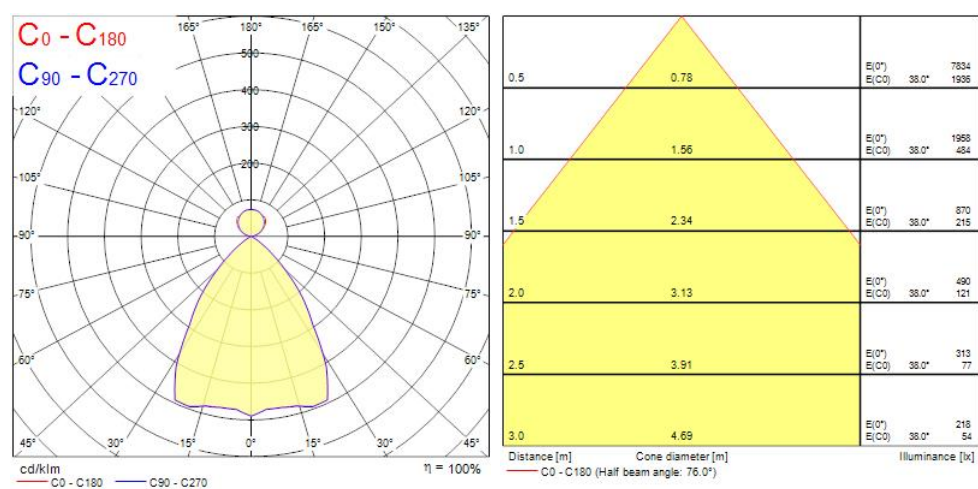
Product Overview

Product name	OPTIX SURFACE 1200x200 2 LINE D/I 3000K ALU
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Suspended
Fixture rating	Enclosed
Fixture luminous flux (lm)	4000
Luminaire efficacy (lm/W)	138
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 16
Photobiological Risk Group	RG0
Total power consumption (W)	29
Electrical protection	Class I
Control gear type	LED driver constant current

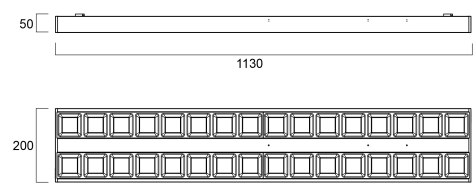
OPTIX SURFACE 1200x200 2 LINE D/I 3000K ALU
2023720

LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5025768237203
Warranty	5 years

Photometry



Technical drawings



Data table

GENERAL DATA

OPTIX SURFACE 1200x200 2 LINE D/I 3000K ALU 2023720

Product name	OPTIX SURFACE 1200x200 2 LINE D/I 3000K ALU
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Suspended
Fixture rating	Enclosed
Performance ambient temperature Tq (°C)	25
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	4000
Luminaire efficacy (lm/W)	138
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 16
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	29
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)	600
Inrush Current (A)	25
Inrush Duration (µs)	250
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	C, C(more than 1 Light Source)
Nominal Frequency (Hz)	50/60Hz

OPTIX SURFACE 1200x200 2 LINE D/I 3000K ALU 2023720

LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	27
Max. products per 20A B Breaker	35
Connectable conductor cross section - Min (mm ²)	2.5
Connectable conductor cross section - Max (mm ²)	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)	1129
Nominal Product Width (mm)	200
Weight (kg)	4.5

PACKAGING

Single packaging type	Carton
Product EAN number	5025768237203
Packaging single width (cm)	22.5
Packaging single depth (cm)	6.8
DUN14 (outer)	05025768237203
Packaging outer length / height (cm)	117.0

SAFETY DATA

Special purpose lamp	No
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Concord

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Dry applications use only	No
Suitable for household illumination	No