

## Optix Surface 1200 Direct Medium Output

### OPTIX SURFACE 1200x200 2 LINE 3000K ALU

### 2023700



#### Product features

- OPTIX SURFACE 1200x200 2 LINE 3000K ALU is a high efficacy low glare luminaire for office and education applications. Suitable for surface and 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 3400lm. Power consumption 26W. Luminaire efficacy 131lm/W. Lifespan: 60,000 hours L90B10. UGR<16, Luminance at 65°<200 Cd/m<sup>2</sup>, 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 3000K ALU
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting
Fixture rating	Enclosed
General application	Education, Office
ETIM Class	EC002892
Warranty	5 years
Fixture luminous flux (lm)	3400
Luminous flux (lm)	3400
Luminaire efficacy (lm/W)	131
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 16
Photobiological Risk Group	RG0
Total power consumption (W)	26
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5025768237005

#### DATA TABLE

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### General data

<b>Product name</b>	OPTIX SURFACE 1200x200 2 LINE 3000K ALU
<b>Technology</b>	LED (3 SDCM)
<b>Cap/Base</b>	N/A
<b>Housing</b>	Steel
<b>Mount</b>	Ceiling surface mounting
<b>Fixture rating</b>	Enclosed
<b>General application</b>	Education, Office
<b>Performance ambient temperature Tq (°C)</b>	25
<b>ETIM Class</b>	EC002892
<b>Warranty</b>	5 years

### Optical data

<b>Fixture luminous flux (lm)</b>	3400
<b>Luminous flux (lm)</b>	3400
<b>Luminaire efficacy (lm/W)</b>	131
<b>Colour temperature (K)</b>	3000
<b>Light colour</b>	Warm White
<b>CRI (Ra)</b>	80
<b>Colour Variation Initial (SDCM)</b>	SDCM3
<b>Glare control</b>	< 16
<b>Photobiological Risk Group</b>	RG0

### Electrical data

<b>Total power consumption (W)</b>	26
<b>Mains voltage (V)</b>	220-240V
<b>Lamp power factor</b>	0.95
<b>THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %</b>	8
<b>Electrical protection</b>	Class I
<b>Control gear required</b>	No
<b>Control gear type</b>	LED driver constant current
<b>Transformer required</b>	No
<b>Dimmable</b>	No
<b>Dimming method</b>	N/A
<b>Drive current (mA)</b>	500
<b>Inrush Current (A)</b>	25
<b>Inrush Duration (µs)</b>	250
<b>Glow Wire Test (°C)</b>	850
<b>Energy Efficiency Class (A-&gt;G) of contained light source</b>	C
<b>Nominal Frequency (Hz)</b>	50/60Hz
<b>LED Flickering Rate</b>	Ultra low (5% or less)
<b>Max. Luminaires per 10A C Breaker</b>	27
<b>Max. Luminaires per 13A C Breaker</b>	35
<b>Max. Luminaires per 16A C Breaker</b>	45
<b>Max. Luminaires per 20A C Breaker</b>	58
<b>Max. Luminaires per 10A B Breaker</b>	16
<b>Max. Luminaires per 13A B Breaker</b>	21

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Max. Luminaires per 16A B Breaker	27
Max. Luminaires per 20A B Breaker	35

### Lifetime data

Lifespan L70 B50	120000
Lifespan L80 B20	120000
Lifespan L90 B10	60000

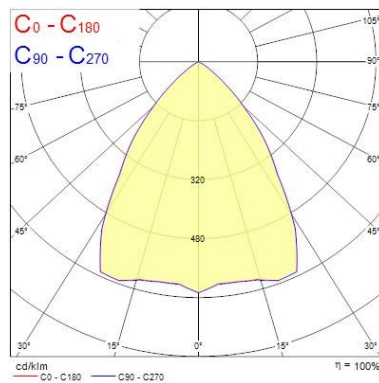
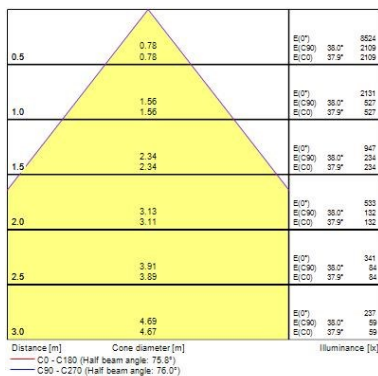
### Physical data

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
Nominal Product Height (mm)	45
Weight (kg)	4.5

### Packaging

Single packaging type	Carton
Product EAN number	5025768237005
Packaging single length / height (cm)	117.0
Packaging single width (cm)	22.5
Packaging single depth (cm)	6.8
DUN14 (outer)	05025768237005
Units per outer package	1
Packaging outer length / height (cm)	117.0
Packaging outer width (cm)	22.5
Packaging outer depth (cm)	6.8

## PHOTOMETRY



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### TECHNICAL DRAWINGS

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