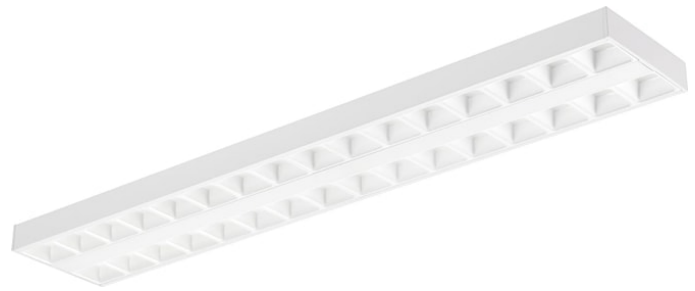


# OPTIX SURFACE 1200x200 2 LINE D/I 4000K WHT

Item No: 2023734

Concord



OPTIX SURFACE 1200x200 2 LINE D/I 4000K WHT 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. White plastic low glare optics in 2 lines configuration. White RAL9016 fixture body. Constant current driver. 4000K Neutral White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 4100lm. Power consumption 25W. Luminaire efficacy 164lm/W. Lifespan: 60,000 hours L90B10. UGR<19, Luminance at 65°<3000 Cd/m<sup>2</sup>, IK07, IP20. Photobiological safety risk group 0. Electrical protection Class I. Glow wire test 850°C.

## Technical Assets

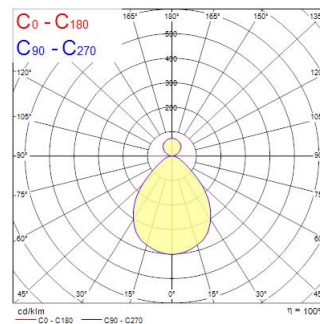
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam angle [°]	Illuminance [lx]
0.5	0.53	0.53	42.3°	694
1.0	1.05	1.05	42.3°	169
1.5	1.58	1.58	42.3°	73
2.0	2.10	2.10	42.3°	41
2.5	2.63	2.63	42.3°	25
3.0	3.15	3.15	42.3°	16

Distance [m]      Cone diameter [m]      Illuminance [lx]  
 — C0 - C180 (Half beam angle: 65.9°)  
 — C90 - C270 (Half beam angle: 65.9°)



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### General data

Product name	OPTIX SURFACE 1200x200 2 LINE D/I 4000K WHT
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Suspended
Built in presence detector	NONE
Fixture rating	Enclosed
General application	Education, Office
Operating temperature range (°C)	10°C...+25°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Warranty	5 years

### Optical data

Fixture luminous flux (lm)	4100
Luminaire efficacy (lm/W)	164
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

### Electrical data

Total power consumption (W)	25
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 %	20
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	500
Inrush Current (A)	15
Inrush Duration (µs)	250
Energy Efficiency Class (A->G) of contained light source	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	40
Max. products per 13A C Breaker	51
Max. products per 16A C Breaker	63
Max. products per 20A C Breaker	80
Max. products per 10A B Breaker	24
Max. products per 13A B Breaker	31
Max. products per 16A B Breaker	38
Max. products per 20A B Breaker	48
Connectable conductor cross section - Min (mm <sup>2</sup> )	2.5
Connectable conductor cross section - Max (mm <sup>2</sup> )	2.5

### Lifetime data

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

# OPTIX SURFACE 1200x200 2 LINE D/I 4000K WHT

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## Concord

### 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

Product EAN number	5025768237340
Packaging single length / height (cm)	117.0
Packaging single width (cm)	22.5
Packaging single depth (cm)	6.8
DUN14 (inner)	05025768237340
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