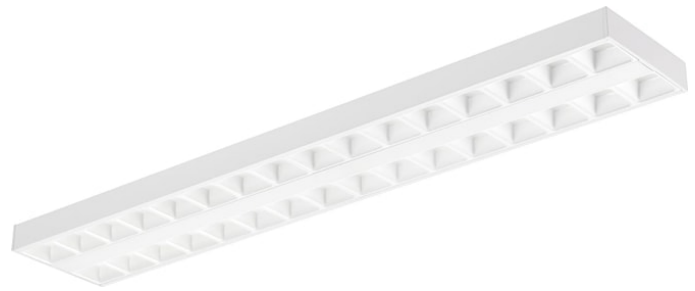
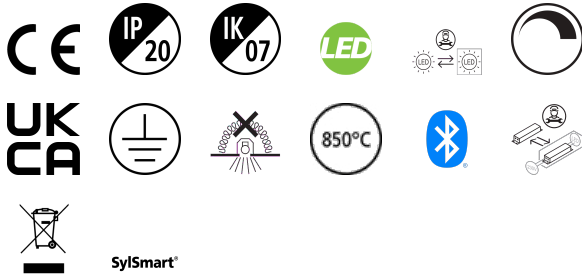


# OPTIX SURFACE 1200x200 2 LINE 4000K WHT SSC

Item No: 2023719

Concord



OPTIX SURFACE 1200x200 2 LINE 4000K WHT SSC is a high efficacy low glare luminaire for office and education applications. Suitable for surface and suspended mounting. Size: 1129x200x45mm. White plastic 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 3600lm. Power consumption 24W. Luminaire efficacy 150lm/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

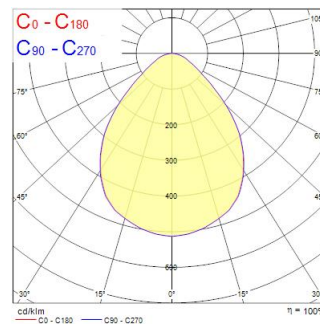
## Technical Assets

### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam angle [°]	Illuminance [lx]
0.5	0.93	0.93	42.8°	739
	0.93	0.93	42.8°	1481
1.0	1.85	1.85	42.8°	584
	1.85	1.85	42.8°	365
1.5	2.78	2.77	42.8°	251
	2.78	2.77	42.8°	165
2.0	3.70	3.69	42.8°	112
	3.70	3.69	42.8°	69
2.5	4.63	4.61	42.8°	70
	4.63	4.61	42.8°	45
3.0	5.56	5.54	42.8°	49
	5.56	5.54	42.8°	31



# OPTIX SURFACE 1200x200 2 LINE 4000K WHT SSC

Item No: 2023719

# Concord

## General data

Product name	OPTIX SURFACE 1200x200 2 LINE 4000K WHT SSC
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting
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)	3600
Luminaire efficacy (lm/W)	150
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)	24
Primary Supply/Product voltage - min (V)	198.0
Primary Supply/Product voltage - max (V)	264.0
Lamp power factor	0.98
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	9
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart Standalone (SSC)
Drive current (mA)	225
Inrush Current (A)	29
Inrush Duration (µs)	180
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	21
Max. products per 13A C Breaker	28
Max. products per 16A C Breaker	36
Max. products per 20A C Breaker	45
Max. products per 10A B Breaker	13
Max. products per 13A B Breaker	17
Max. products per 16A B Breaker	22
Max. products per 20A B Breaker	27
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 4000K WHT SSC

Item No: 2023719

## 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)	4.6

### Packaging

Product EAN number	5025768237197
Packaging single length / height (cm)	117.0
Packaging single width (cm)	22.5
Packaging single depth (cm)	6.8
DUN14 (inner)	05025768237197
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