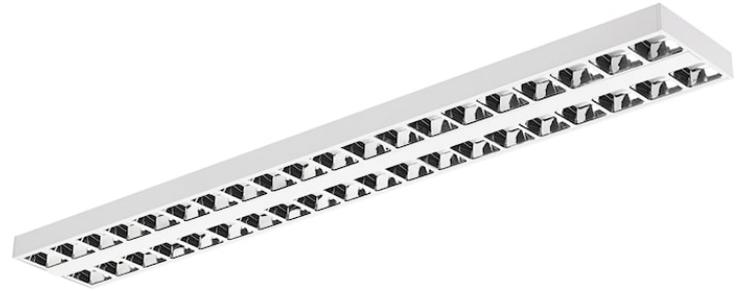
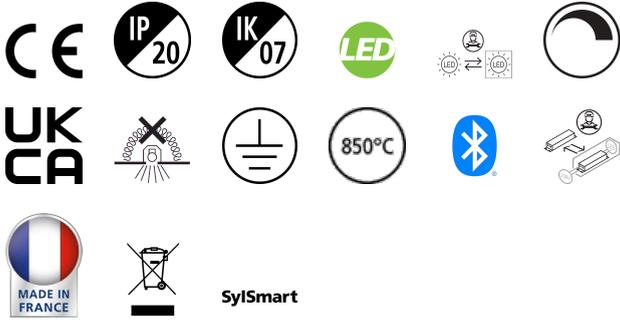


# OPTIX SURFACE 1500x200 2 LINE D/I HO 4000K ALU SSC

Item No: 2023776

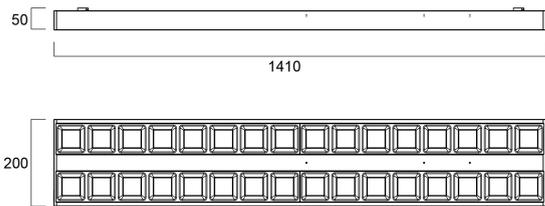
Concord



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. Alumined 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 45W. Luminaire efficacy 156lm/W. Lifespan: 60,000 hours L90B10. UGR<16, Luminance at 65°<200 Cd/m<sup>2</sup>, IK07, IP20. Photobiological safety risk group 1. Electrical protection Class I. Glow wire test 850°C

## Technical Assets

### Dimensions (mm)

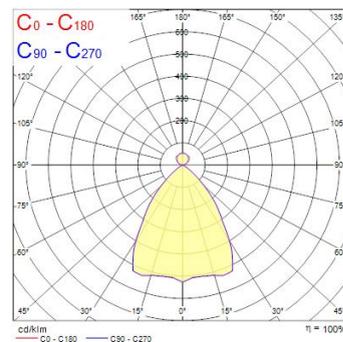


### Photometrics

Distance [m]	Cone diameter [m]	E <sub>0</sub> <sup>(1)</sup> [lx]	E <sub>(C90)</sub> <sup>(2)</sup> [lx]	E <sub>(C0)</sub> <sup>(2)</sup> [lx]	Illuminance [lx]
0.5	0.78 0.78	14735	3871	3648	
1.0	1.55 1.56	3688	918	911	
1.5	2.33 2.34	1638	408	402	
2.0	3.10 3.11	921	229	228	
2.5	3.88 3.89	590	147	146	
3.0	4.65 4.67	409	102	101	

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0 - C180 (Half beam angle: 75.6°)  
— C90 - C270 (Half beam angle: 75.6°)



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

Item No: 2023776

## Concord

### General data

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
General application	Education, Office
Operating temperature range (°C)	10°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

### Optical data

Useful luminous flux ( $\Phi_{use}$ )	7000
Fixture luminous flux (lm)	7000
Luminous flux (lm)	7000
Luminaire efficacy (lm/W)	156
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 14
Photobiological Risk Group	RG1

### Electrical data

Total power consumption (W)	45
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.98
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x %	6.1
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart SSC
Drive current (mA)	950
Inrush Current (A)	35
Inrush Duration ( $\mu$ s)	170
Energy Efficiency Class (A->G) of contained light source	D, 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 13A C Breaker	28
Max. products per 16A C Breaker	35
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	21
Max. products per 20A B Breaker	27
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 1500x200 2 LINE D/ HO 4000K ALU SSC

Item No: 2023776

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)	1410
Nominal Product Width (mm)	200
Nominal Product Height (mm)	45
Weight (kg)	1.6

## Packaging

Product EAN number	5025768237760
Packaging single length / height (cm)	147.0
Packaging single width (cm)	22.5
Packaging single depth (cm)	6.8
DUN14 (inner)	05025768237760
Units per outer package	1
Packaging outer length / height (cm)	147.0
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