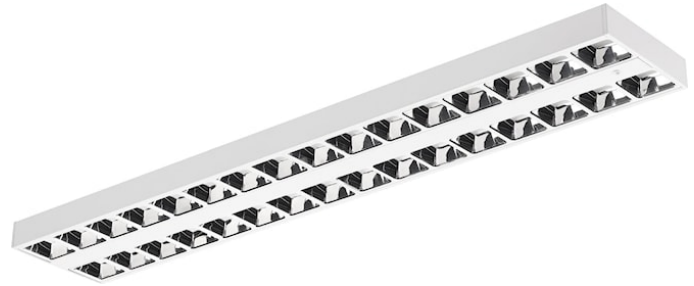
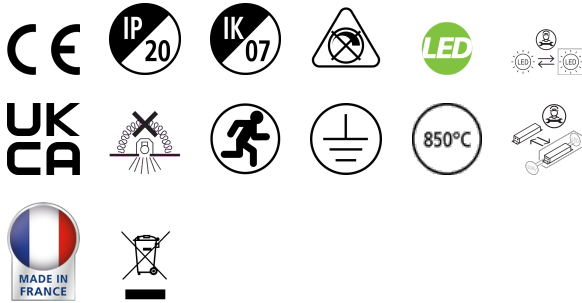


OPTIX SURFACE 1200x200 2 LINE D/I HO 4000K ALU EM

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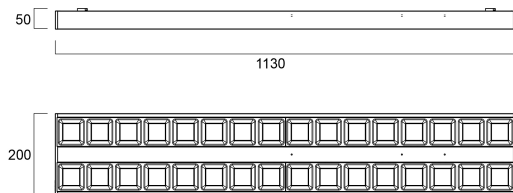
Concord



OPTIX SURFACE 1200x200 2 LINE D/I HO 4000K ALU EM 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. 3hr maintained emergency version. 4000K Neutral White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 5600lm. Power consumption 37W. Luminaire efficacy 151lm/W. Lifespan: 60,000 hours L90B10. UGR<16, Luminance at 65°<200 Cd/m², IK07, IP20. Photobiological safety risk group 1. Electrical protection Class I. Glow wire test 850°C.

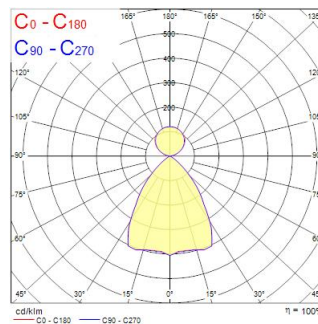
Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Beam flux [lm]	Beam illuminance [lx]
0.5	0.78	75.0°	0.78	0.38	1440	3770
1.0	1.56	75.0°	1.56	1.53	576	377
1.5	2.34	75.0°	2.34	2.80	384	138
2.0	3.12	75.0°	3.12	4.75	288	61
2.5	3.91	75.0°	3.91	7.68	216	28
3.0	4.69	75.0°	4.69	10.9	144	13



OPTIX SURFACE 1200x200 2 LINE D/I HO 4000K ALU EM

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General data

Product name	OPTIX SURFACE 1200x200 2 LINE D/I HO 4000K ALU EM
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Suspended
Built in presence detector	NONE
Fixture rating	Enclosed
General application	Office, Education
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)	5600
Luminaire efficacy (lm/W)	151
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 16
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	85

Electrical data

Emergency mode	Non-maintained
Emergency type	
Emergency duration (h)	3
Total power consumption (W)	37
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) ≤ xx.x %	10
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	250
Inrush Current (A)	32
Inrush Duration (µs)	240
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	16
Max. products per 13A C Breaker	21
Max. products per 16A C Breaker	26
Max. products per 20A C Breaker	35
Max. products per 10A B Breaker	10
Max. products per 13A B Breaker	13
Max. products per 16A B Breaker	16
Max. products per 20A B Breaker	21
Connectable conductor cross section - Min (mm²)	0.75
Connectable conductor cross section - Max (mm²)	2.5

OPTIX SURFACE 1200x200 2 LINE D/I HO 4000K ALU EM

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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
Reflector finish	High-gloss
Nominal Product Length (mm)	1129
Nominal Product Width (mm)	200
Nominal Product Height (mm)	45
Weight (kg)	4.8

Packaging

Product EAN number	5025768237470
Packaging single length / height (cm)	117.0
Packaging single width (cm)	22.5
Packaging single depth (cm)	6.8
DUN14 (inner)	05025768237470
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