

OPTIX SURFACE 1200 2L LUMI HCL TW
ALU DALI

Item No: 2023830

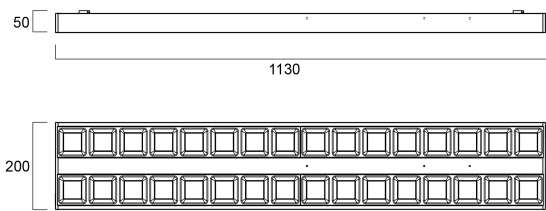
Concord



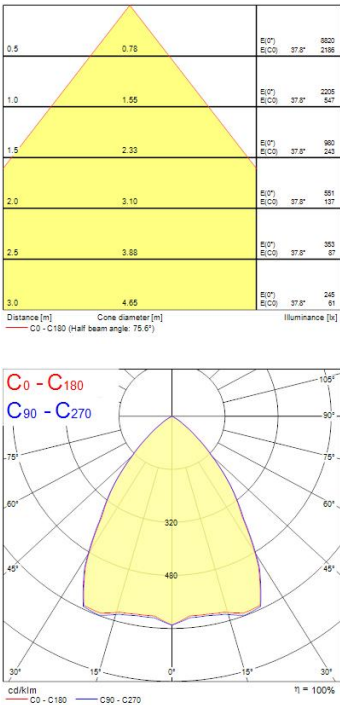
OPTIX SURFACE 1200 2L LUMI HCL TW ALU DALI is a surface mounted luminaire for office and education applications with Aluminised plastic extra low glare optics and RAL9016 colour fixture body. DALI DT8 controlled tunable white light engine. 2700-6200K Tunable White LED, chromaticity tolerance of 3-step MacAdam ellipse. For 2700K - Colour rendering index Ra >98; Melanopic Ratio MEER: 0.524; Fidelity Index Rf: 97; Gamut Index Rg: 101. For 4000K - Colour rendering index Ra >95; Melanopic Ratio MEER: 0.819; Fidelity Index Rf: 94; Gamut Index Rg: 101. For 6200K - Colour rendering index Ra >98; Melanopic Ratio MEER: 1.071; Fidelity Index Rf: 95; Gamut Index Rg: 99. For 4000K luminous flux: 3500lm. Power consumption: 36W. Luminaire efficacy: 97lm/W. UGR<16 Luminance at 65°<200 Cd/m2, IK07, IP20. Photobiological safety risk group 0. Electrical protection Class I. Glow wire test 850°C. 68,000hrs L80B20 lifespan.

Technical Assets

Dimensions (mm)



Photometrics



OPTIX SURFACE 1200 2L LUMI HCL TW
ALU DALI

Item No: 2023830

Concord

General data

Product name	OPTIX SURFACE 1200 2L LUMI HCL TW ALU DALI
Technology	LED LumiNature
Cap/Base	N/A
Housing	Steel
Mount	Ceiling surface mounting
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 (Φuse)	3500
Fixture luminous flux (lm)	3500
Luminous flux (lm)	3500
Luminaire efficacy (lm/W)	97
Light colour	Tuneable White HCL
CRI (Ra)	95
Colour Variation Initial (SDCM)	SDCM3
Colour Consistency (SDCM)	3
Distribution type	Symmetric
Glare control	< 16
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	36
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 %	10
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI
Drive current (mA)	480
Inrush Current (A)	23
Inrush Duration (µs)	180
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	13
Max. products per 16A C Breaker	19
Max. products per 16A B Breaker	22
Connectable conductor cross section - Max (mm²)	2.5

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	68000

OPTIX SURFACE 1200 2L LUMI HCL TW ALU DALI

Item No: 2023830

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	5025768238309
Packaging single length / height (cm)	117.0
Packaging single width (cm)	22.5
Packaging single depth (cm)	6.8
DUN14 (inner)	05025768238309
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