

Features

• 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 R#: 97; Gamut Index R#: 101. For 4000K - Colour rendering index Ra >95; Melanopic Ratio MEER: 0.819; Fidelity Index R#: 94; Gamut Index R#: 101. For 6200K - Colour rendering index Ra >98; Melanopic Ratio MEER: 1.071; Fidelity Index R#: 95; Gamut Index R#: 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.

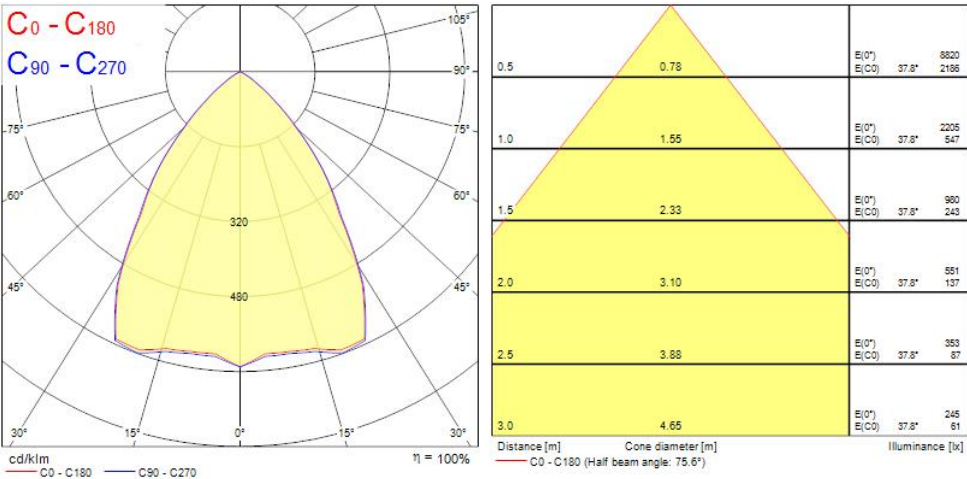
Product Overview

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
Fixture luminous flux (lm)	3500
Luminaire efficacy (lm/W)	97
Light colour	Tuneable White HCL
CRI (Ra)	95
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	3
Glare control	< 16

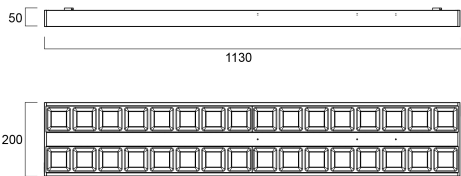
OPTIX SURFACE 1200 2L LUMI HCL TW ALU DALI
2023830

Photobiological Risk Group	RG0
Total power consumption (W)	36
Electrical protection	Class I
Control gear type	LED driver constant current
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5025768238309
Warranty	5 years

Photometry



Technical drawings



Data table

OPTIX SURFACE 1200 2L LUMI HCL TW ALU DALI 2023830

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
Performance ambient temperature Tq (°C)	25
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	3500
Luminaire efficacy (lm/W)	97
Correlated colour temperature range (K)	2800 - 6200
Light colour	Tuneable White HCL
CRI (Ra)	95
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	3
Glare control	< 16
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	36
Primary Supply/Product voltage - min (V)	198.0
Lamp power factor	0.95
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Drive current (mA)	480
Inrush Current (A)	23
Glow Wire Test (°C)	850

OPTIX SURFACE 1200 2L LUMI HCL TW ALU DALI 2023830

Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	13

LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L80 B20	68000

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
Weight (kg)	4.5

PACKAGING

Single packaging type	Carton
Product EAN number	5025768238309
Packaging single width (cm)	22.5
Packaging single depth (cm)	6.8
DUN14 (outer)	05025768238309
Packaging outer length / height (cm)	117.0

SAFETY DATA

Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No