

Optix Linear Surface 1200 Direct-Indirect
OPTIX LINEAR SURFACE 1200 DI LUMI 4K ALU DALI
2023858



Product features

- OPTIX LINEAR SURFACE 1200 D/I LUMI 4000K ALU DALI is a suspended linear luminaire for office and education applications with Aluminised plastic extra low glare optics and RAL9016 colour fixture body. DALI dimmable. 4000K Neutral White LED, chromaticity tolerance of 3-step MacAdam ellipse. For 4000K - Colour rendering index Ra >98; Melanopic Ratio MEER: 0.784; Fidelity Index R :93; Gamut Index R :98. For 4000K luminous flux: 4000lm. Power consumption: 36W. Luminaire efficacy: 111lm/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. 60,000hrs L80B20 lifespan.



PRODUCT OVERVIEW

Product name	OPTIX LINEAR SURFACE 1200 DI LUMI 4K ALU DALI
Technology	LED LumiNature
Cap/Base	N/A
Housing	Steel
Mount	Suspended
Fixture rating	Enclosed
General application	Education, Office
ETIM Class	EC002892
Warranty	5 years
Fixture luminous flux (lm)	4020
Luminaire efficacy (lm/W)	112
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	98
Colour Variation Initial (SDCM)	SDCM3
Colour Consistency (SDCM)	3
Glare control	< 16
Photobiological Risk Group	RG1
Total power consumption (W)	36
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5025768238583

DATA TABLE

General data	
Product name	OPTIX LINEAR SURFACE 1200 DI LUMI 4K ALU DALI

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Technology	LED LumiNature
Cap/Base	N/A
Housing	Steel
Mount	Suspended
Fixture rating	Enclosed
General application	Education, Office
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4020
Luminaire efficacy (lm/W)	112
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	98
Colour Variation Initial (SDCM)	SDCM3
Colour Consistency (SDCM)	3
Glare control	< 16
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	36
Primary Supply/Product voltage - min (V)	198.0
Primary Supply/Product voltage - max (V)	264.0
Lamp power factor	0.98
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI
Drive current (mA)	250
Inrush Current (A)	23
Inrush Duration (µs)	174
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	F, F(more than 1 Light Source)
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	18
Max. products per 13A C Breaker	26
Max. products per 16A C Breaker	28
Max. products per 20A C Breaker	34
Max. products per 10A B Breaker	9
Max. products per 13A B Breaker	13
Max. products per 16A B Breaker	14
Max. products per 20A B Breaker	17

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Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	60000

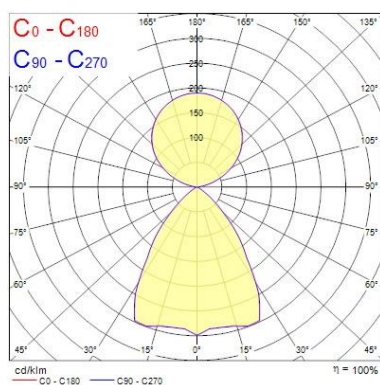
Physical data

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)	90
Nominal Product Height (mm)	80
Weight (kg)	3.5

Packaging

Single packaging type	Carton
Product EAN number	5025768238583
Packaging single length / height (cm)	119.0
Packaging single width (cm)	10.0
Packaging single depth (cm)	11.0
DUN14 (outer)	05025768238583
Units per outer package	1
Packaging outer length / height (cm)	119.0
Packaging outer width (cm)	10.0
Packaging outer depth (cm)	11.0

PHOTOMETRY



Distance [m]	Cone diameter [m]	Half beam angle [°]	Illuminance [lx]
0.5	0.77 0.78	75.9°	4803 1190 1152
1.0	1.55 1.56	75.9°	1201 296 296
1.5	2.32 2.34	75.9°	534 133 131
2.0	3.09 3.11	75.9°	300 75 74
2.5	3.86 3.89	75.9°	192 48 47
3.0	4.64 4.67	75.9°	133 33 33

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 75.9°)
C90 - C270 (Half beam angle: 75.9°)

TECHNICAL DRAWINGS

