

OPTIX LINEAR RECESSED 1200 LUMI HCL TW ALU DA

Item No: 2023850

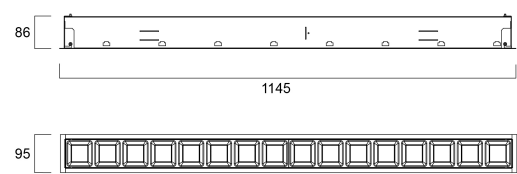
Concord



OPTIX LINEAR RECESSED 1200 LUMI HCL TW ALU DALI is a ceiling recessed linear 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: 0.527; Fidelity Index Rf: 97; Gamut Index Rg: 102. For 4000K - Colour rendering index Ra >95; Melanopic Ratio MEER: 0.827; Fidelity Index Rf: 95; Gamut Index Rg: 101. For 6200K - Colour rendering index Ra >98; Melanopic Ratio MEER: 1.087; Fidelity Index Rf: 96; Gamut Index Rg: 99. For 4000K luminous flux: 2200lm. Power consumption: 26W. Luminaire efficacy: 85lm/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.

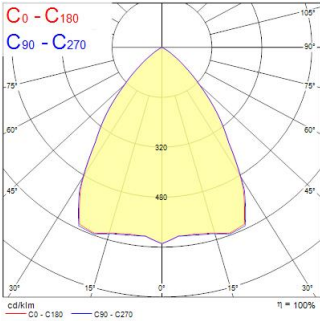
Technical Assets

Dimensions (mm)



Photometrics

0.5	0.78	8071	37.8"	8934	198
1.0	1.55	8071	37.8"	1984	98
1.5	2.33	8071	37.8"	695	33
2.0	3.10	8071	37.8"	546	16
2.5	3.88	8071	37.8"	321	8
3.0	4.65	8071	37.8"	194	3
Distance [m] Cone diameter [m] Illuminance [lx]					
C0 - C180 (Half beam angle: 75.6°)					



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General data

Product name	OPTIX LINEAR RECESSED 1200 LUMI HCL TW ALU DA
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
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)	2200
Luminaire efficacy (lm/W)	85
Light colour	Tuneable White HCL
CRI (Ra)	95
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 16
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	26
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.95
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI
Drive current (mA)	165
Inrush Current (A)	23
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

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)	1146
Nominal Product Width (mm)	95
Nominal Product Height (mm)	90
Weight (kg)	3.15

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Packaging

Product EAN number	5025768238507
Packaging single length / height (cm)	119.0
Packaging single width (cm)	10.0
Packaging single depth (cm)	11.0
DUN14 (inner)	05025768238507
Units per outer package	1
Packaging outer length / height (cm)	119.0
Packaging outer width (cm)	10.0
Packaging outer depth (cm)	11.0

Safety data

Glow Wire Test (°C)	850
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