

Features

- OPTIX LINEAR RECESSED 1200 TW ALU DALI EM is a high efficacy low glare linear luminaire for office and education applications. Suitable for continuous light line installations with accessories separately available. Ceiling recessed 1146x95x90 mm. Aluminised plastic extra low glare optics in a single line configuration. White RAL9016 fixture body. 3hr maintained emergency version with DALI monitoring capability. DALI DT8 colour control and dimming. Tunable white colour 3000-6000K, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 2200lm. Power consumption 24W. Luminaire efficacy 92lm/W. Lifespan: 48,500 hours L90B10. UGR<19, Luminance at 65°<200 Cd/m², IK07, IP20. Ultra Low Flicker: <5% Photobiological safety risk group 1. Electrical protection Class I. Glow wire test 850°C. Suitable for use with Linect quick connection systems.

Product Overview

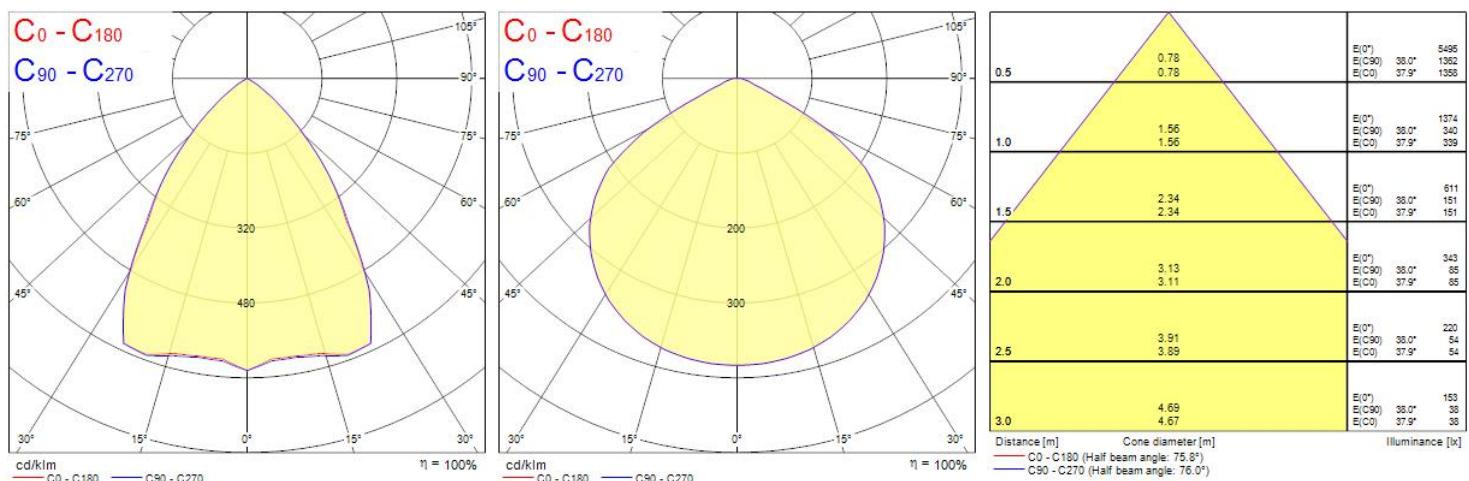
Product name	OPTIX LINEAR RECESSED 1200 TW ALU DALI EM
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
Fixture luminous flux (lm)	2200
Luminaire efficacy (lm/W)	92
Light colour	Tunable White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 16

Concord

OPTIX LINEAR RECESSED 1200 TW ALU DALI EM 2023794

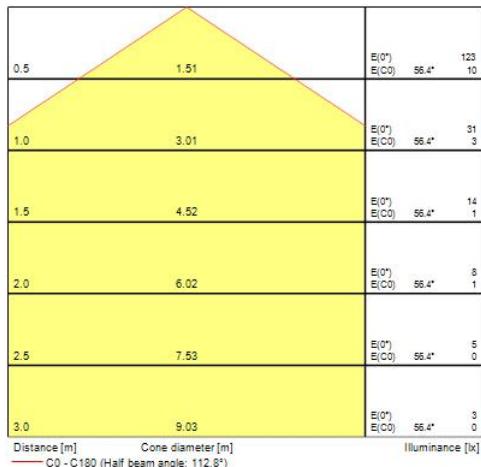
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	80
Total power consumption (W)	24
Electrical protection	Class I
Control gear type	LED driver constant current
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5025768237944
Warranty	5 years

Photometry

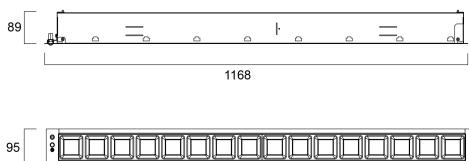


Concord

OPTIX LINEAR RECESSED 1200 TW ALU DALI EM 2023794



Technical drawings



Data table

GENERAL DATA

Product name	OPTIX LINEAR RECESSED 1200 TW ALU DALI EM
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
Performance ambient temperature Tq (°C)	25
Warranty	5 years

Concord

OPTIX LINEAR RECESSED 1200 TW ALU DALI EM 2023794

OPTICAL DATA

Fixture luminous flux (lm)	2200
Luminaire efficacy (lm/W)	92
Correlated colour temperature range (K)	3000 - 6000
Light colour	Tuneable White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 16
Photobiological Risk Group	RG1
Luminous flux (emergency) (lm)	80
Emergency duration (h)	3

ELECTRICAL DATA

Total power consumption (W)	24
Primary Supply/Product voltage - min (V)	198.0
Lamp power factor	0.97
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Drive current (mA)	400
Inrush Current (A)	29
Inrush Duration (μs)	180
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	21
Max. products per 20A B Breaker	27
Connectable conductor cross section - Min (mm ²)	2.5
Connectable conductor cross section - Max (mm ²)	2.5

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LIFETIME DATA

Lifespan L70 B50	120000
Lifespan L80 B20	107500
Lifespan L90 B10	48500

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)	1169
Nominal Product Width (mm)	95
Weight (kg)	3.15

PACKAGING

Single packaging type	Carton
Product EAN number	5025768237944
Packaging single width (cm)	10.0
Packaging single depth (cm)	11.0
DUN14 (outer)	05025768237944
Packaging outer length / height (cm)	119.0

SAFETY DATA

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