

OPTIX RECESSED 1200x300 2L TW ALU DALI 2023682



Features

• OPTIX RECESSED 1200x300 2L TW ALU DALI is a high efficacy low glare luminaire for office and education applications. Ceiling recessed 1200x300 mm. Aluminised plastic extra low glare optics in 2 lines configuration. White RAL9016 fixture body. DALI DT8 controlled tunable white light engine, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 3200lm. Power consumption 30W. Luminaire efficacy 107lm/W. Lifespan: 48,500 hours L90B10. UGR<16, Luminance at 65°<200 Cd/m2, IK07, IP20. Photobiological safety risk group 0. Electrical protection Class I. Glow wire test 850°C

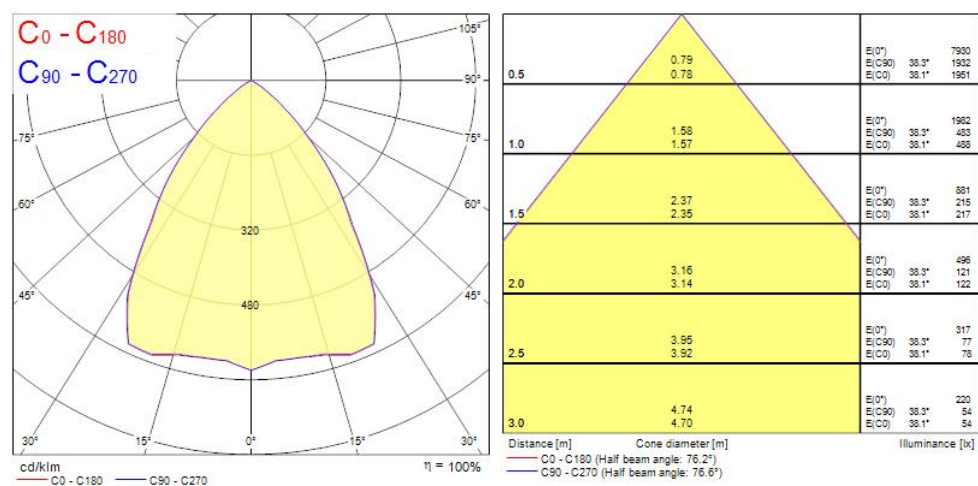
Product Overview

Product name	OPTIX RECESSED 1200x300 2L TW ALU DALI
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
Fixture luminous flux (lm)	3200
Luminaire efficacy (lm/W)	107
Light colour	Tuneable White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 16
Photobiological Risk Group	RG1
Total power consumption (W)	30
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

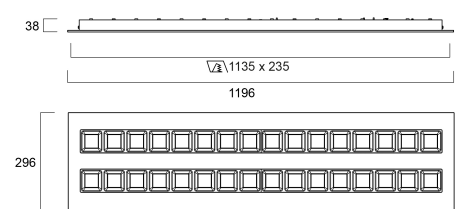
OPTIX RECESSED 1200x300 2L TW ALU DALI 2023682

IK rating	IK07
Product EAN number	5025768236824
Warranty	5 years

Photometry



Technical drawings



Data table

GENERAL DATA

Product name	OPTIX RECESSED 1200x300 2L TW ALU DALI
Technology	LED (3 SDCM)
Cap/Base	N/A

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Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
Operating temperature range (°C)	10°C...+25°C
Performance ambient temperature Tq (°C)	25
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	3200
Luminaire efficacy (lm/W)	107
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

ELECTRICAL DATA

Total power consumption (W)	30
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)	600
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

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Max. products per 20A B Breaker	27
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Connectable conductor cross section - Min (mm ²)	2.5
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Connectable conductor cross section - Max (mm ²)	2.5
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LIFETIME DATA

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

Housing colour	RAL 9016 - Traffic white / Bezel
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IP rating	IP20
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IK rating	IK07
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Diffuser finish	Matt/satinized
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Diffuser material	PC Polycarbonate
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Nominal Product Length (mm)	1196
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Nominal Product Width (mm)	296
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Weight (kg)	5.0
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PACKAGING

Single packaging type	Carton
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Product EAN number	5025768236824
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Packaging single width (cm)	6.5
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Packaging single depth (cm)	32.0
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DUN14 (outer)	05025768236824
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Packaging outer length / height (cm)	124.5
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SAFETY DATA

Optimal operating condition (°C)	10-25
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Special purpose lamp	No
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Dry applications use only	No
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Concord

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Suitable for household illumination

No