

Features

- OPTIX RECESSED 600x600 3L HO 3000K ALU is a high efficacy low glare luminaire for office and education applications. Ceiling recessed 600x600 mm. Aluminised plastic extra low glare optics in 3 lines configuration. White RAL9016 fixture body. Constant current driver. 3000K Warm White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 4450lm. Power consumption 34W. Luminaire efficacy 131lm/W. Lifespan: 48,500 hours L90B10. UGR<16, Luminance at 65°<200 Cd/m2, IK07, IP20. Photobiological safety risk group 1. Electrical protection Class I. Glow wire test 850°C.

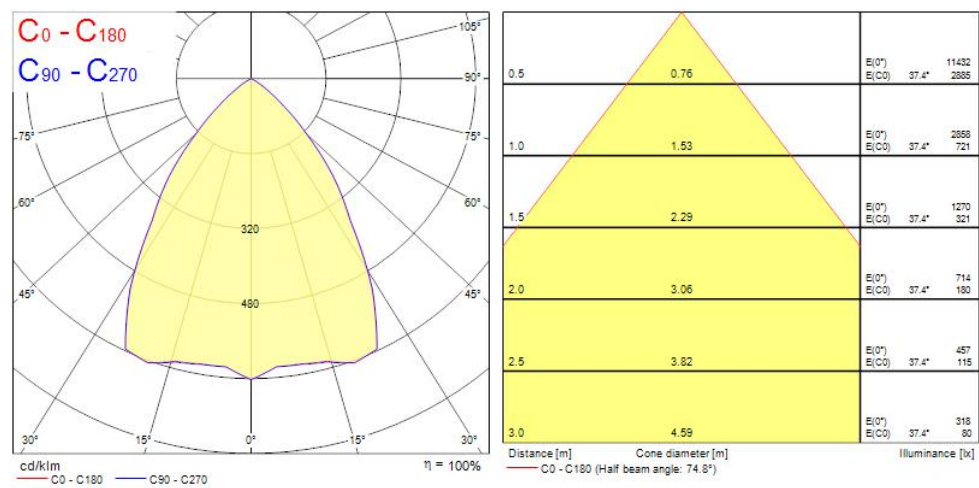
Product Overview

Product name	OPTIX RECESSED 600x600 3L HO 3000K ALU
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
General application	Education, Office
ETIM Class	EC002892
Fixture luminous flux (lm)	4450
Luminaire efficacy (lm/W)	131
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 16
Photobiological Risk Group	RG1
Total power consumption (W)	34
Electrical protection	Class I

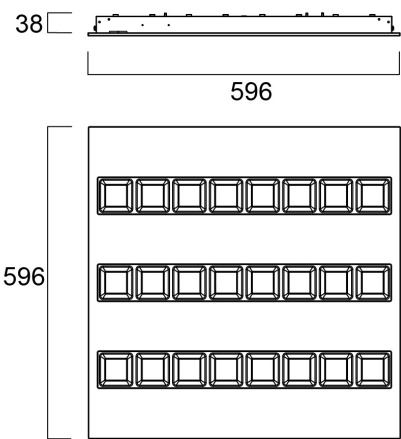
OPTIX RECESSED 600x600 3L HO 3000K ALU 2023618

Control gear type	LED driver constant current
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL9016
IP rating	IP20
IK rating	IK07
Product EAN number	5025768236183
Warranty	5 years
Dimming method	N/A

Photometry



Technical drawings



Data table

GENERAL DATA

Product name	OPTIX RECESSED 600x600 3L HO 3000K ALU
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
General application	Education, Office
Operating temperature range (°C)	10°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	4450
Luminaire efficacy (lm/W)	131

OPTIX RECESSED 600x600 3L HO 3000K ALU 2023618

Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Distribution type	Symmetric
Glare control	< 16
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	34
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	8
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	700
Inrush Current (A)	25
Inrush Duration (µs)	250
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	20
Max. products per 13A C Breaker	30
Max. products per 16A C Breaker	40
Max. products per 20A C Breaker	47
Max. products per 10A B Breaker	10
Max. products per 13A B Breaker	15
Max. products per 16A B Breaker	20
Max. products per 20A B Breaker	24

OPTIX RECESSED 600x600 3L HO 3000K ALU 2023618

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	RAL9016
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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)	596
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Nominal Product Width (mm)	596
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Nominal Product Height (mm)	38
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Weight (kg)	5.0
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PACKAGING

Product EAN number	5025768236183
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Packaging single length / height (cm)	62.0
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Packaging single width (cm)	6.5
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Packaging single depth (cm)	65.0
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DUN14 (inner)	05025768236183
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Units per outer package	1
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Packaging outer length / height (cm)	62.0
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Packaging outer width (cm)	6.5
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Packaging outer depth (cm)	65.0
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SAFETY DATA

Concord

OPTIX RECESSED 600x600 3L HO 3000K ALU 2023618

Glow Wire Test (°C)	850
Optimal operating condition (°C)	10-25
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No