

Features

• OPTIX RECESSED 600x600 2L SO 4000K ALU EM is a high efficacy low glare luminaire for office and education applications. Ceiling recessed 600x600 mm. Aluminised plastic extra low glare optics in 2 lines configuration. White RAL9016 fixture body. Constant current driver. 3hr combined maintained emergency version. 4000K Neutral White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 2800lm. Power consumption 21W. Luminaire efficacy 133lm/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.

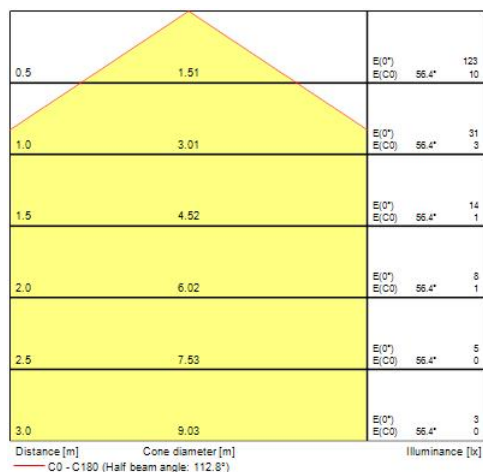
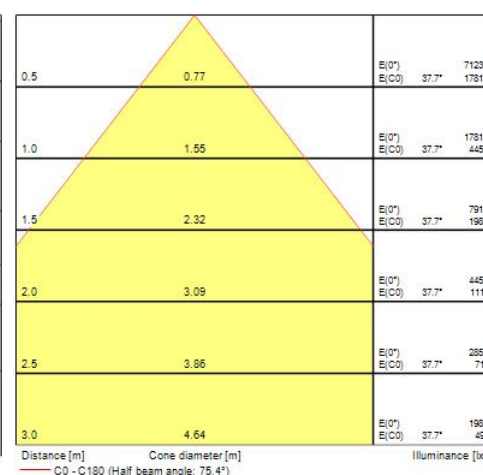
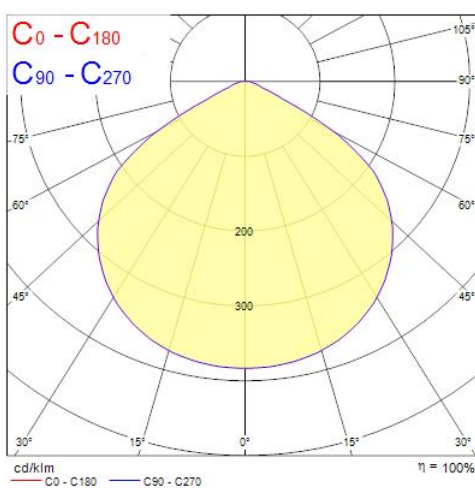
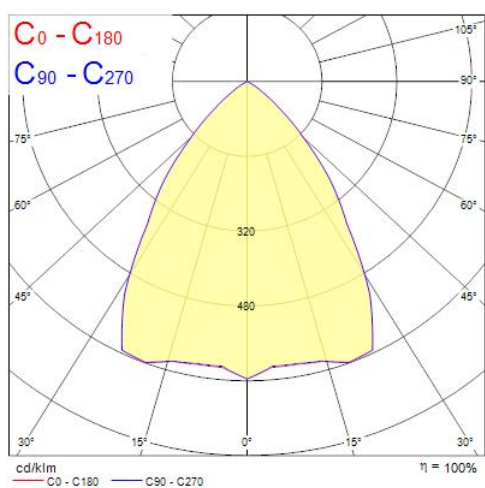
Product Overview

Product name	OPTIX RECESSED 600x600 2L SO 4000K ALU EM
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
Fixture luminous flux (lm)	2900
Luminaire efficacy (lm/W)	138
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Glare control	< 16
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	80
Total power consumption (W)	21
Electrical protection	Class I

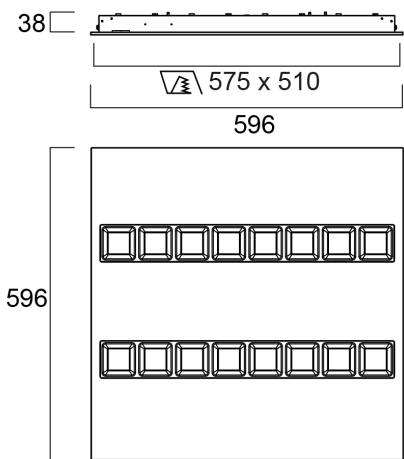
OPTIX RECESSED 600x600 2L SO 4000K ALU EM
2023597

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	5025768235971
Warranty	5 years

Photometry



Technical drawings



Data table

GENERAL DATA

Product name	OPTIX RECESSED 600x600 2L SO 4000K ALU 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

OPTICAL DATA

Fixture luminous flux (lm)	2900
Luminaire efficacy (lm/W)	138
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80

OPTIX RECESSED 600x600 2L SO 4000K ALU EM 2023597

Colour Variation Initial (SDCM)	3
Glare control	< 16
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	80
Emergency duration (h)	3

ELECTRICAL DATA

Total power consumption (W)	21
Primary Supply/Product voltage - min (V)	198.0
Lamp power factor	0.95
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Drive current (mA)	400
Inrush Current (A)	15
Inrush Duration (µs)	250
Glow Wire Test (°C)	850
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	40
Max. products per 20A B Breaker	48
Connectable conductor cross section - Min (mm²)	2.5
Connectable conductor cross section - Max (mm²)	2.5

LIFETIME DATA

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

PHYSICAL DATA

OPTIX RECESSED 600x600 2L SO 4000K ALU EM 2023597

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)	596
Nominal Product Width (mm)	596
Weight (kg)	5.0

PACKAGING

Single packaging type	Carton
Product EAN number	5025768235971
Packaging single width (cm)	6.5
Packaging single depth (cm)	65.0
DUN14 (outer)	05025768235971
Packaging outer length / height (cm)	62.0

SAFETY DATA

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