

Optix Recessed 1250x310

OPTIX RECESSED 1250X310 2L TW ALU SSC01

2023697



Product features

- OPTIX RECESSED 1250X310 2L TW ALU SSC01 is a high efficacy low glare luminaire for office and education applications. Ceiling recessed 1250x310 mm. Aluminised plastic extra low glare optics in 2 lines configuration. White RAL9016 fixture body. SylSmart Standalone controlled tunable white light engine, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 3600lm. Power consumption 27W. 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 1250X310 2L TW ALU SSC01
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Fixture rating	Enclosed
General application	Education, Office
ETIM Class	EC002892
Warranty	5 years
Fixture luminous flux (lm)	3200
Luminous flux (lm)	3200
Luminaire efficacy (lm/W)	107
Light colour	Tuneable White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Glare control	< 16
Photobiological Risk Group	RG1
Total power consumption (W)	31
Electrical protection	Class I
Control gear type	Other
Dimmable	Yes
Dimming method	SylSmart SSC
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5025768236978

DATA TABLE

General data

Product name	OPTIX RECESSED 1250X310 2L TW ALU SSC01
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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)	3200
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)	SDCM3
Distribution type	Symmetric
Glare control	< 16
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	31
Primary Supply/Product voltage - min (V)	198.0
Primary Supply/Product voltage - max (V)	264.0
Lamp power factor	0.97
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	10
Electrical protection	Class I
Control gear required	No
Control gear type	Other
Transformer required	No
Dimmable	Yes
Dimming method	SylSmart SSC
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
Max. products per 13A C Breaker	28
Max. products per 16A C Breaker	36
Max. products per 20A C Breaker	45

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Max. products per 10A B Breaker	13
Max. products per 13A B Breaker	17
Max. products per 16A B Breaker	22
Max. products per 20A B Breaker	27
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

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)	1246
Nominal Product Width (mm)	308.5
Nominal Product Height (mm)	38
Weight (kg)	5.7

Packaging

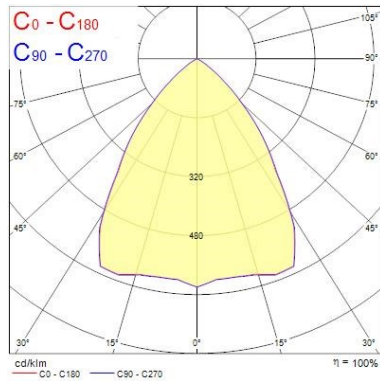
Single packaging type	Carton
Product EAN number	5025768236978
Packaging single length / height (cm)	137.0
Packaging single width (cm)	36.0
Packaging single depth (cm)	9.0
DUN14 (outer)	05025768236978
Units per outer package	1
Packaging outer length / height (cm)	137.0
Packaging outer width (cm)	36.0
Packaging outer depth (cm)	9.0

Safety data

Optimal operating condition (°C)	10-25
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PHOTOMETRY

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Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.79 0.78	5000 1900 1900
1.0	1.58 1.57	1250 460 460
1.5	2.37 2.35	580 210 210
2.0	3.16 3.14	490 120 120
2.5	3.95 3.92	310 70 70
3.0	4.74 4.70	220 50 50

TECHNICAL DRAWINGS

