

# OPTIX RECESSED 1200 2L LUMI 4K ALU SSC

Item No: 2023839

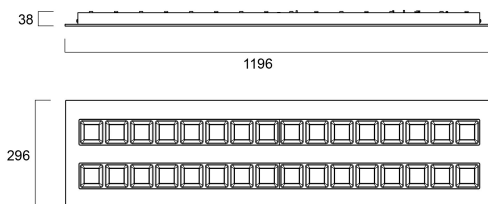
Concord



OPTIX RECESSED 1200 2L LUMI 4000K ALU SSC is a ceiling recessed luminaire for office and education applications with Aluminised plastic extra low glare optics and RAL9016 colour fixture body. SylSmart Standalone enabled. 4000K Neutral White LED, chromaticity tolerance of 3-step MacAdam ellipse. For 4000K - Colour rendering index  $R_a > 98$ ; Melanopic Ratio MEER: 0.782; Fidelity Index  $R_f$ : 93; Gamut Index  $R_g$ : 98. For 4000K luminous flux: 3800lm. Power consumption: 37W. Luminaire efficacy: 103lm/W.  $UGR < 16$  Luminance at  $65^\circ < 200$  Cd/m<sup>2</sup>, IK07, IP20. Photobiological safety risk group 0. Electrical protection Class I. Glow wire test 850°C. 60,000hrs L80B20 lifespan.

## Technical Assets

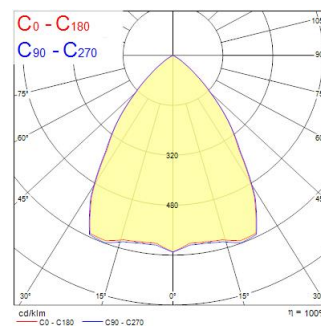
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [m]	Illuminance [lx]
0.5	0.76	0.76	0.76	960
1.0	1.55	1.55	1.55	240
1.5	2.33	2.33	2.33	160
2.0	3.10	3.10	3.10	120
2.5	3.88	3.88	3.88	96
3.0	4.65	4.65	4.65	80

Distance [m] Cone diameter [m] Illuminance [lx]  
 — C0 - C180 (Half beam angle: 75.6°)



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### General data

Product name	OPTIX RECESSED 1200 2L LUMI 4K ALU SSC
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Built in presence detector	NONE
Fixture rating	Enclosed
General application	Office, Education
Operating temperature range (°C)	10°C...+25°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Warranty	5 years

### Optical data

Fixture luminous flux (lm)	3810
Luminaire efficacy (lm/W)	103
Light colour	Neutral White
CRI (Ra)	98
Colour Variation Initial (SDCM)	SDCM3
Colour Consistency (SDCM)	3
Distribution type	Symmetric
Glare control	< 16
Photobiological Risk Group	RG0

### Electrical data

Emergency type	
Total power consumption (W)	37
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.99
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	9
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart Standalone (SSC)
Minimum dimming level (%)	1
Drive current (mA)	250
Inrush Current (A)	23
Inrush Duration (µs)	174
Energy Efficiency Class (A->G) of contained light source	F
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
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 (mm <sup>2</sup> )	0.75
Connectable conductor cross section - Max (mm <sup>2</sup> )	2.5

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### Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	60000

### Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Matt/satinized
Diffuser material	PC Polycarbonate
Reflector finish	High-gloss
Nominal Product Length (mm)	1196
Nominal Product Width (mm)	296
Nominal Product Height (mm)	38
Weight (kg)	5.0

### Packaging

Product EAN number	5025768238392
Packaging single length / height (cm)	124.5
Packaging single width (cm)	6.5
Packaging single depth (cm)	32.0
DUN14 (inner)	05025768238392
Units per outer package	1
Packaging outer length / height (cm)	124.5
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	32.0

### Safety data

Glow Wire Test (°C)	850
Optimal operating condition (°C)	10-25