

OPTIX RECESSED 625 4L LUMI HCL TW ALU SSC

Item No: 2023886

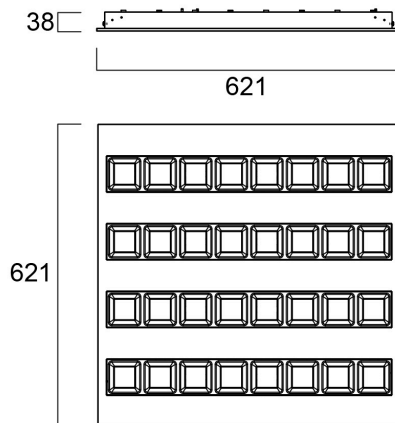
Concord



OPTIX RECESSED 625 4L LUMI HCL TW 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 controlled tunable white light engine. 2700-6200K Tunable White LED, chromaticity tolerance of 3-step MacAdam ellipse. For 2700K - Colour rendering index Ra >98; Melanopic Ratio MEER: 0.528; Fidelity Index R_f: 97; Gamut Index R_g: 101. For 4000K - Colour rendering index Ra >96; Melanopic Ratio MEER: 0.822; Fidelity Index R_f: 95; Gamut Index R_g: 101. For 6200K - Colour rendering index Ra >99; Melanopic Ratio MEER: 1.077; Fidelity Index R_f: 96; Gamut Index R_g: 99. For 4000K luminous flux: 4350lm. Power consumption: 46W. Luminaire efficacy: 95lm/W. UGR<16 Luminance at 65°<200 Cd/m², IK07, IP20. Photobiological safety risk group 0. Electrical protection Class I. Glow wire test 850°C. 68,000hrs L80B20 lifespan.

Technical Assets

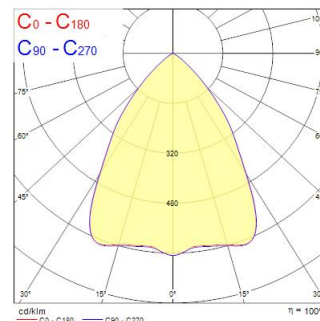
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [ft]	Illuminance [lx]
0.5	0.74	0.74	36.4"	11279
1.0	1.47	1.47	36.4"	2802
1.5	2.21	2.21	36.4"	1233
2.0	2.95	2.95	36.4"	705
2.5	3.69	3.69	36.4"	481
3.0	4.42	4.42	36.4"	312

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 72.8°)



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General data

Product name	OPTIX RECESSED 625 4L LUMI HCL TW ALU SSC
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Built in presence detector	NONE
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)	4350
Luminaire efficacy (lm/W)	95
Light colour	Tuneable White HCL
CRI (Ra)	95
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 16
Photobiological Risk Group	RG1

Electrical data

Emergency type	
Total power consumption (W)	46
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 %	10
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)	300
Inrush Current (A)	23
Inrush Duration (µs)	290
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	13
Max. products per 16A C Breaker	19
Max. products per 10A B Breaker	11
Max. products per 16A B Breaker	19
Connectable conductor cross section - Min (mm ²)	0.75
Connectable conductor cross section - Max (mm ²)	2.5

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	68000

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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)	621
Nominal Product Width (mm)	621
Nominal Product Height (mm)	38
Weight (kg)	5.0

Packaging

Product EAN number	5025768238866
Packaging single length / height (cm)	67.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	64.5
DUN14 (inner)	05025768238866
Units per outer package	1
Packaging outer length / height (cm)	67.0
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	64.5

Safety data

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