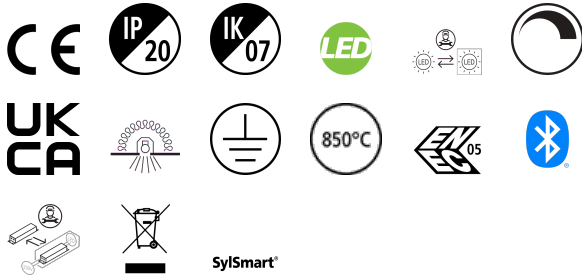


# OPTIX RECESSED 600x600 3L TW ALU SSC01

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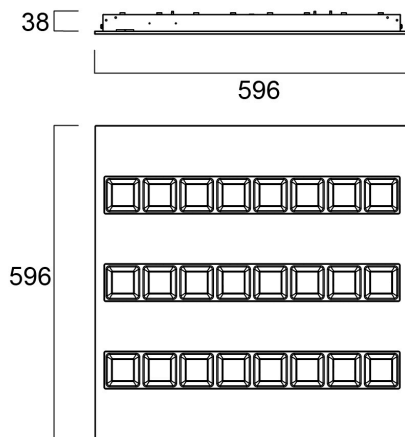
Concord



OPTIX RECESSED 600x600 3L TW ALU SSC01 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. SylSmart Standalone controlled tunable white light engine, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 3400lm. Power consumption 31W. Luminaire efficacy 110lm/W. Lifespan: 48,500 hours L90B10. UGR<16, Luminance at 65°<200 Cd/m<sup>2</sup>, IK07, IP20. Photobiological safety risk group 0. Electrical protection Class I. Glow wire test 850°C.

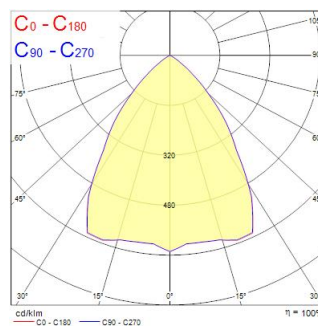
## Technical Assets

### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [m]	Illuminance [lx]
0.5	0.78	0.78	0.78	6549
	0.76	0.76	0.76	2099
1.0	1.56	1.56	1.56	2137
	1.56	1.56	1.56	525
1.5	2.34	2.34	2.34	980
	2.34	2.34	2.34	233
2.0	3.13	3.11	3.11	534
	3.11	3.11	3.11	131
2.5	3.91	3.89	3.89	342
	3.89	3.89	3.89	84
3.0	4.69	4.67	4.67	237
	4.67	4.67	4.67	58



# OPTIX RECESSED 600x600 3L TW ALU SSC01

Item No: 2023637

# Concord

## General data

Product name	OPTIX RECESSED 600x600 3L TW ALU SSC01
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Built in presence detector	NONE
Fixture rating	Enclosed
General application	Education, Office
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)	3400
Luminaire efficacy (lm/W)	113
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	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart Standalone (SSC)
Drive current (mA)	600
Inrush Current (A)	29
Inrush Duration (µs)	180
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
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> )	2.5
Connectable conductor cross section - Max (mm <sup>2</sup> )	2.5

## Lifetime data

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

# OPTIX RECESSED 600x600 3L TW ALU SSC01

Item No: 2023637

## Concord

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

### Packaging

Product EAN number	5025768236374
Packaging single length / height (cm)	62.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	65.0
DUN14 (inner)	05025768236374
Units per outer package	1
Packaging outer length / height (cm)	62.0
Packaging outer width (cm)	6.5
Packaging outer depth (cm)	65.0

### Safety data

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