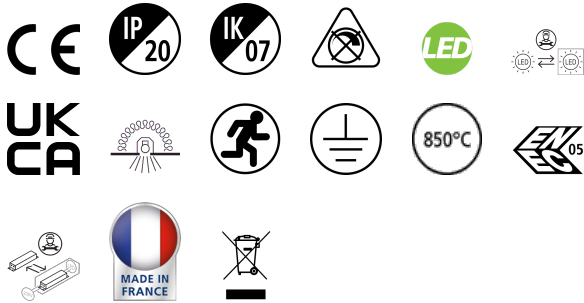


# OPTIX RECESSED 625x625 3L 4000K ALU EMCB

Item No: 2023642

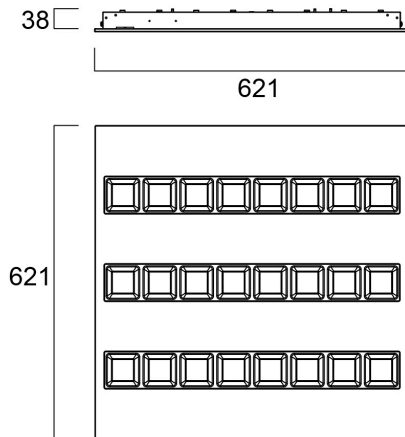
Concord



OPTIX RECESSED 625x625 3L 4000K ALU EMCB is a high efficacy low glare luminaire for office and education applications. Ceiling recessed 625x625 mm. White plastic low glare optics in 3 lines configuration. White RAL9016 fixture body. Constant current driver. Suitable for central battery DC emergency operation. 4000K Neutral White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 3600lm. Power consumption 26W. Luminaire efficacy 138lm/W. Lifespan: 48,500 hours L90B10. UGR<19, Luminance at 65°<3000 Cd/m<sup>2</sup>, IK07, IP20. Photobiological safety risk group 0. Electrical protection Class I. Glow wire test 850°C.

## Technical Assets

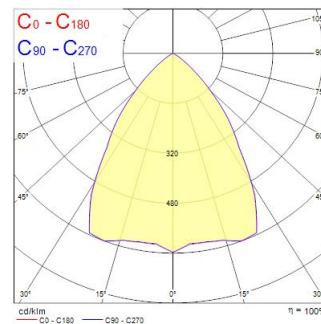
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [m]	Illuminance [lx]
0.5	0.77	0.77	0.77	9175
1.0	1.54	1.54	1.54	2294
1.5	2.31	2.31	2.31	1019
2.0	3.08	3.08	3.08	573
2.5	3.85	3.85	3.85	367
3.0	4.62	4.62	4.62	260

Distance [m] Cone diameter [m] Illuminance [lx]  
 — C0 - C180 (Half beam angle: 75.2°)



# OPTIX RECESSED 625x625 3L 4000K ALU EMCB

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**Concord**

## General data

Product name	OPTIX RECESSED 625x625 3L 4000K ALU EMCB
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)	3600
Luminaire efficacy (lm/W)	138
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 16
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	80

## Electrical data

Emergency mode	Non-maintained
Emergency type	
Emergency duration (h)	3
Total power consumption (W)	26
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 %	8
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	500
Inrush Current (A)	25
Inrush Duration (µs)	250
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	20
Max. products per 13A C Breaker	30
Max. products per 16A C Breaker	40
Max. products per 20A C Breaker	47
Max. products per 10A B Breaker	10
Max. products per 13A B Breaker	15
Max. products per 16A B Breaker	20
Max. products per 20A B Breaker	24
Connectable conductor cross section - Min (mm <sup>2</sup> )	0.75
Connectable conductor cross section - Max (mm <sup>2</sup> )	2.5

# OPTIX RECESSED 625x625 3L 4000K ALU EMCB

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## Concord

### 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
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	5025768236428
Packaging single length / height (cm)	67.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	64.5
DUN14 (inner)	05025768236428
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