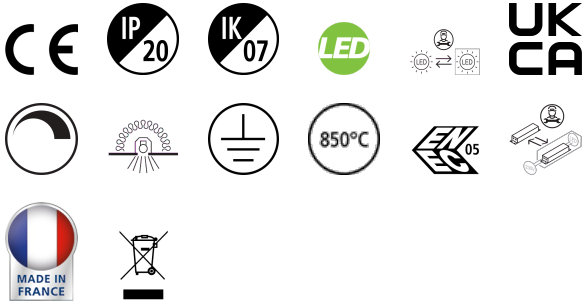


# OPTIX RECESSED 1200x300 2L 3000K ALU DALI

Item No: 2023661

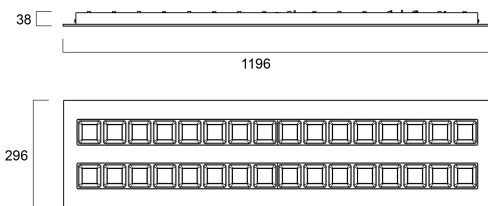
Concord



OPTIX RECESSED 1200x300 2L 3000K ALU DALI is a high efficacy low glare luminaire for office and education applications. Ceiling recessed 1200x300 mm. Alumined plastic extra low glare optics in 2 lines configuration. White RAL9016 fixture body. DALI dimmable. 3000K Warm White LED, CRI>80, chromaticity tolerance of 3-step MacAdam ellipse. Luminous flux 3250lm. Power consumption 24.5W. Luminaire efficacy 133lm/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

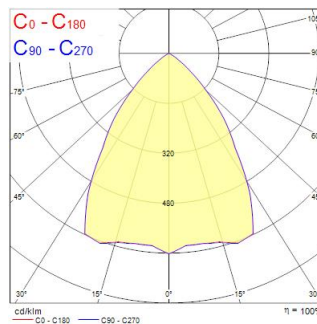
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Illuminance [lx]
0.5	0.76	0.76	8348
		37.4"	2119
		37.3"	1255
1.0	1.53	1.52	2087
		37.4"	830
		37.3"	691
1.5	2.29	2.29	925
		37.4"	288
		37.3"	238
2.0	3.06	3.06	622
		37.4"	182
		37.3"	151
2.5	3.82	3.81	324
		37.4"	88
		37.3"	88
3.0	4.59	4.57	232
		37.4"	58
		37.3"	58

Distance [m]      Cone diameter [m]      Illuminance [lx]  
 — C0 - C180 (Half beam angle: 74.8°)  
 — C90 - C270 (Half beam angle: 74.8°)



# OPTIX RECESSED 1200x300 2L 3000K ALU DALI

Item No: 2023661

## Concord

### General data

Product name	OPTIX RECESSED 1200x300 2L 3000K ALU DALI
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)	3250
Luminaire efficacy (lm/W)	133
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Distribution type	Symmetric
Glare control	< 16
Photobiological Risk Group	RG0

### Electrical data

Emergency type	
Total power consumption (W)	24.5
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.98
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	DALI-2
Minimum dimming level (%)	1
Drive current (mA)	250
Inrush Current (A)	22.4
Inrush Duration (µs)	176
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> )	0.75
Connectable conductor cross section - Max (mm <sup>2</sup> )	2.5

# OPTIX RECESSED 1200x300 2L 3000K ALU DALI

Item No: 2023661

## 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)	1196
Nominal Product Width (mm)	296
Nominal Product Height (mm)	38
Weight (kg)	5.0

### Packaging

Product EAN number	5025768236619
Packaging single length / height (cm)	124.5
Packaging single width (cm)	6.5
Packaging single depth (cm)	32.0
DUN14 (inner)	05025768236619
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