

# Concord

## OPTIX RECESSED 600 4L LUMI 4K ALU 2023876



### Features

• OPTIX RECESSED 600 4L LUMI 4000K ALU is a ceiling recessed luminaire for office and education applications with Aluminised plastic extra low glare optics and RAL9016 colour fixture body. Constant current driver. 4000K Neutral White LED, chromaticity tolerance of 3-step MacAdam ellipse. For 4000K - Colour rendering index Ra >98; Melanopic Ratio MEER: 0.776; Fidelity Index R#: 94; Gamut Index R#: 98. For 4000K luminous flux: 4500lm. Power consumption: 43W. Luminaire efficacy: 105lm/W. 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. 60,000hrs L80B20 lifespan.

### Product Overview

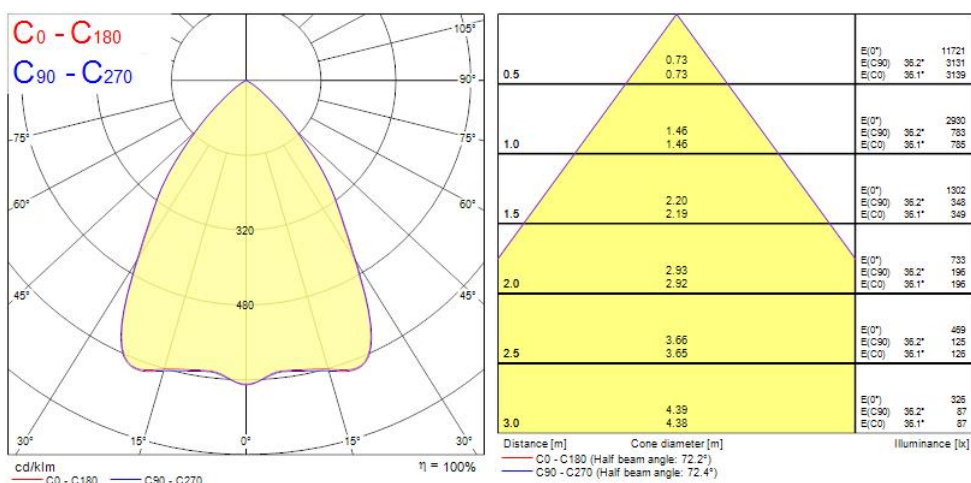
Product name	OPTIX RECESSED 600 4L LUMI 4K ALU
Technology	LED LumiNature
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Office
ETIM Class	EC002892
Fixture luminous flux (lm)	4500
Luminaire efficacy (lm/W)	105
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	98
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	3
Glare control	< 16
Photobiological Risk Group	RG1

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## OPTIX RECESSED 600 4L LUMI 4K ALU 2023876

Total power consumption (W)	43
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	No
Housing colour	RAL9016
IP rating	IP20
IK rating	IK07
Product EAN number	5025768238767
Warranty	5 years
Dimming method	N/A

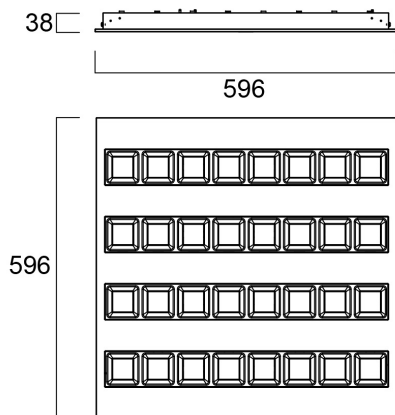
### Photometry



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## OPTIX RECESSED 600 4L LUMI 4K ALU 2023876

### Technical drawings



### Data table

#### GENERAL DATA

Product name	OPTIX RECESSED 600 4L LUMI 4K ALU
Technology	LED LumiNature
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Office
Operating temperature range (°C)	10°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

#### OPTICAL DATA

Fixture luminous flux (lm)	4500
Luminaire efficacy (lm/W)	105
Correlated colour temperature (k)	4000

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## OPTIX RECESSED 600 4L LUMI 4K ALU 2023876

Light colour	Neutral White
CRI (Ra)	98
Colour Variation Initial (SDCM)	3
Colour Consistency (SDCM)	3
Distribution type	Symmetric
Glare control	< 16
Photobiological Risk Group	RG1

### ELECTRICAL DATA

Total power consumption (W)	43
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	1
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)	300
Inrush Current (A)	30
Energy Efficiency Class (A->G) of contained light source	F
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	27
Max. products per 13A C Breaker	35
Max. products per 16A C Breaker	45
Max. products per 20A C Breaker	58
Max. products per 10A B Breaker	16
Max. products per 13A B Breaker	21
Max. products per 16A B Breaker	27
Max. products per 20A B Breaker	35
Connectable conductor cross section - Max (mm <sup>2</sup> )	2.5

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## OPTIX RECESSED 600 4L LUMI 4K ALU 2023876

### LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L80 B20	60000

### PHYSICAL DATA

Housing colour	RAL9016
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	5025768238767
Packaging single length / height (cm)	62.0
Packaging single width (cm)	6.5
Packaging single depth (cm)	65.0
DUN14 (inner)	05025768238767
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
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No

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