

# Concord

## OPTIX RECESSED 600 4L LUMI 4K ALU DALI 2023877



### Features

- OPTIX RECESSED 600 4L LUMI 4000K ALU DALI is a ceiling recessed luminaire for office and education applications with Aluminised plastic extra low glare optics and RAL9016 colour fixture body. DALI dimmable. 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: 44W. Luminaire efficacy: 102lm/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

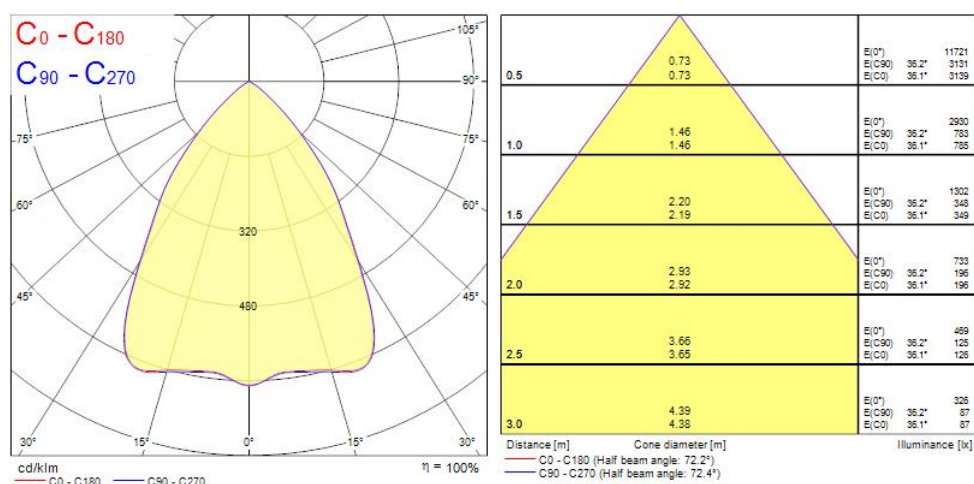
Product name	OPTIX RECESSED 600 4L LUMI 4K ALU DALI
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Office
ETIM Class	EC002892
Fixture luminous flux (lm)	4500
Luminaire efficacy (lm/W)	102
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	98
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	3
Glare control	< 16
Photobiological Risk Group	RG1

# Concord

## OPTIX RECESSED 600 4L LUMI 4K ALU DALI 2023877

Total power consumption (W)	44
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	Yes
Housing colour	RAL9016
IP rating	IP20
IK rating	IK07
Product EAN number	5025768238774
Warranty	5 years
Built in presence detector	NONE
Virtual assistant compatibility	N/A
Dimming method	DALI

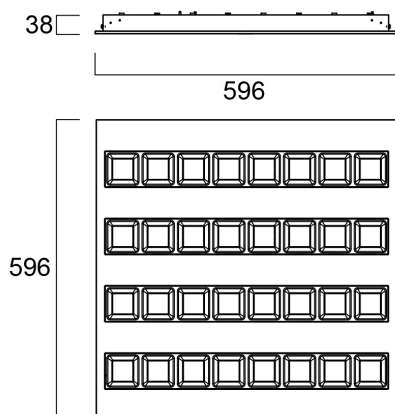
### Photometry



# Concord

## OPTIX RECESSED 600 4L LUMI 4K ALU DALI 2023877

### Technical drawings



### Data table

#### GENERAL DATA

Product name	OPTIX RECESSED 600 4L LUMI 4K ALU DALI
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Built in presence detector	NONE
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)	4500
----------------------------	------

# Concord

## OPTIX RECESSED 600 4L LUMI 4K ALU DALI 2023877

Luminaire efficacy (lm/W)	102
Correlated colour temperature (k)	4000
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)	44
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 %	9
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI
Drive current (mA)	300
Inrush Current (A)	23
Inrush Duration (µs)	174
Energy Efficiency Class (A->G) of contained light source	F
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	18
Max. products per 13A C Breaker	26
Max. products per 16A C Breaker	28
Max. products per 20A C Breaker	34
Max. products per 10A B Breaker	9
Max. products per 13A B Breaker	13
Max. products per 16A B Breaker	14

# Concord

## OPTIX RECESSED 600 4L LUMI 4K ALU DALI 2023877

Max. products per 20A B Breaker	17
---------------------------------	----

Connectable conductor cross section - Max (mm <sup>2</sup> )	2.5
---	-----

### 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	5025768238774
--------------------	---------------

Packaging single length / height (cm)	62.0
---------------------------------------	------

Packaging single width (cm)	6.5
-----------------------------	-----

Packaging single depth (cm)	65.0
-----------------------------	------

DUN14 (inner)	05025768238774
---------------	----------------

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
----------------------------------	-------

# Concord

OPTIX RECESSED 600 4L LUMI 4K ALU DALI

**2023877**

---

Special purpose lamp No

Dry applications use only No

Suitable for household illumination No