

# Concord

## OPTIX RECESSED 600 4L LUMI HCL TW ALU SSC 2023880



### Features

• OPTIX RECESSED 600 4L LUMI HCL TW ALU SSC is a ceiling recessed luminaire for office and education applications with Aluminised plastic extra low glare optics and RAL9016 colour fixture body. SylSmart Standalone controlled tunable white light engine. 2700-6200K Tunable White LED, chromaticity tolerance of 3-step MacAdam ellipse. For 2700K - Colour rendering index Ra >98; Melanopic Ratio MEER: 0.528; Fidelity Index R#: 97; Gamut Index R#: 101. For 4000K - Colour rendering index Ra >96; Melanopic Ratio MEER: 0.822; Fidelity Index R#: 95; Gamut Index R#: 101. For 6200K - Colour rendering index Ra >99; Melanopic Ratio MEER: 1.077; Fidelity Index R#: 96; Gamut Index R#: 99. For 4000K luminous flux: 4350lm. Power consumption: 46W. Luminaire efficacy: 95lm/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. 68,000hrs L80B20 lifespan.

### Product Overview

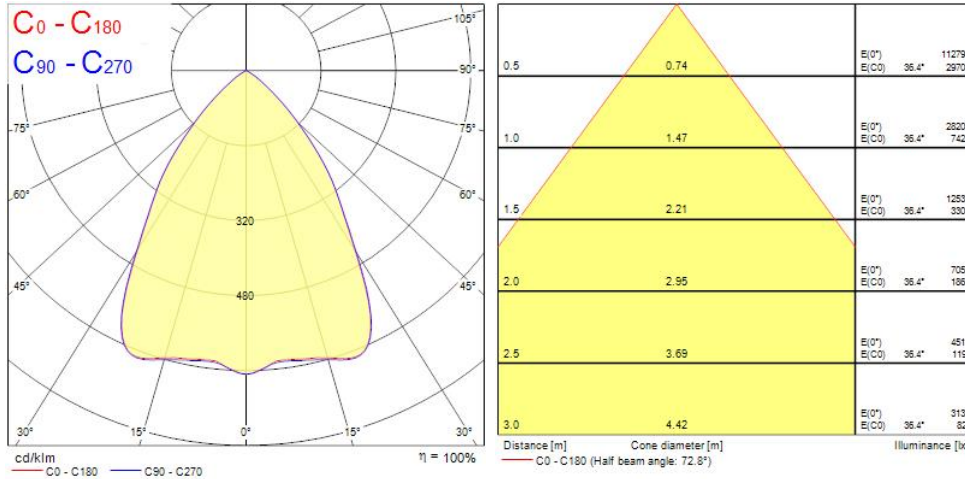
Product name	OPTIX RECESSED 600 4L LUMI HCL TW ALU SSC
Technology	LED LumiNature
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Office
ETIM Class	EC002892
Fixture luminous flux (lm)	4350
Luminaire efficacy (lm/W)	95
Correlated colour temperature (k)	4000
Light colour	Tuneable White HCL

# Concord

## OPTIX RECESSED 600 4L LUMI HCL TW ALU SSC 2023880

CRI (Ra)	96
Colour Consistency (SDCM)	3
Colour Variation Initial (SDCM)	3
Glare control	< 16
Photobiological Risk Group	RG1
Total power consumption (W)	46
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	5025768238804
Warranty	5 years
Dimming method	SylSmart SSC

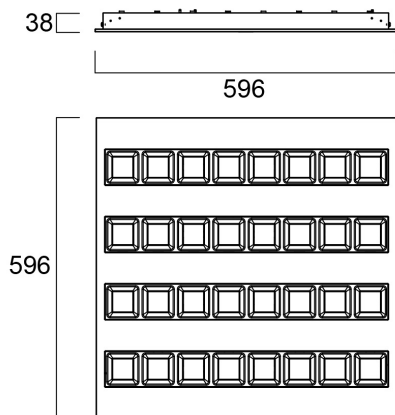
### Photometry



# Concord

## OPTIX RECESSED 600 4L LUMI HCL TW ALU SSC 2023880

### Technical drawings



### Data table

#### GENERAL DATA

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

#### OPTICAL DATA

<b>Fixture luminous flux (lm)</b>	4350
<b>Luminaire efficacy (lm/W)</b>	95

# Concord

## OPTIX RECESSED 600 4L LUMI HCL TW ALU SSC 2023880

Correlated colour temperature (k)	4000
Light colour	Tuneable White HCL
CRI (Ra)	96
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)	46
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) $\leq$ xx.x %	10
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart SSC
Drive current (mA)	300
Inrush Current (A)	23
Inrush Duration ( $\mu$ s)	290
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
Max. products per 10A C Breaker	13
Max. products per 16A C Breaker	19
Max. products per 10A B Breaker	11
Max. products per 16A B Breaker	19
Connectable conductor cross section - Max (mm <sup>2</sup> )	2.5

### LIFETIME DATA

# Concord

## OPTIX RECESSED 600 4L LUMI HCL TW ALU SSC 2023880

Lifespan L70 B50	100000
------------------	--------

Lifespan L80 B20	68000
------------------	-------

### 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	5025768238804
--------------------	---------------

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

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

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

DUN14 (inner)	05025768238804
---------------	----------------

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