

# HIGH EFFICIENCY RECESSED LED LUMINAIRE

CYFELCO REC-PNL-24W-3920LM-5000K-L30W60H75 1-10V

PRODUCT DATA



820-106



## General Information

Order Code	820-106
Product Description	CYFELCO REC-PNL-24W-3920LM-5000K-L30W60H75 1-10V
Application	Offices, shops, educational and public centres, etc.
Installation	Ceiling type exposed T-bar, plasterboard with accessories 590-001
Luminaire type	Recessed LED Luminaire
Light Source	LED modules SMD Vossloh-Schwabe
Number of light sources	1 pc
Light Source Colour	5000K, daylight
Driver	Built-in Vossloh-Schwabe
Dimming	1-10V
Energy Class	A++
Optical Risk	RG 0
Protection class	Class I
Ingress protection code	IP 20 [Finger-protected]
Mechanical impact protection code	IK03
Standards	2014/30/EU Electromagnetic Compatibility Directive 2014/35/EU Low Voltage Directive
CE mark	Yes
Warranty	5 years

## Electrical Data

Input Power	27 W
Input voltage	220-240V
Input Frequency	50-60 Hz
Drive Current	500 mA
Power Factor	0.97

## Mechanical Characteristics

Housing Material	Sheet steel 0,5mm
Surface Finish	White powder coating (RAL 9003)
Optical Cover	Opal PMMA

## Initial Performance

Source Luminous Flux	3920 lm
Source Efficacy	161 lm/W
Initial Luminaire Luminous Flux	2979 lm
Initial Luminaire Efficacy	110 lm/W
Initial Corr. Colour Temperature (CCT)	5000 K
Initial Color Rendering Index (CRI)	>80 (Typ. 85)
Initial chromaticity	SDCM < 3

## Logistics

Net weight per piece	2.02 kg
Gross weight per piece	4.30 kg
Volume	0.20 m <sup>3</sup>
Packing	1 pc per carton

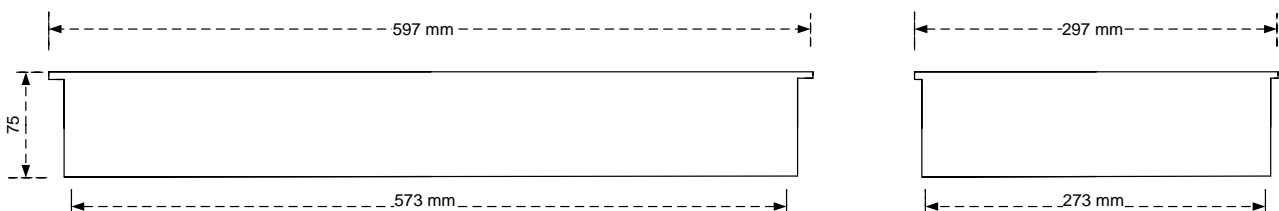
## Over Time Performance

Driver Service Life Time	100,000 hrs
LED Median Useful Life L80B10	60,000 hours

## Application Conditions

Operating Temperature Range	-20 to +40 °C
Average Ambient Temperature	+25 °C

## Dimensional Drawing



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