

# HIGH EFFICIENCY RECESSED LED LUMINAIRE

CYFELCO REC-PNL-24W-3920LM-5000K-L30W60H75

PRODUCT DATA



820-102



## General Information

|                                   |                                                                                        |
|-----------------------------------|----------------------------------------------------------------------------------------|
| Order Code                        | 820-102                                                                                |
| Product Description               | CYFELCO REC-PNL-24W-3920LM-5000K-L30W60H75                                             |
| 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 186444                                                        |
| Dimming                           | Not Dimmable                                                                           |
| 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<br>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     |

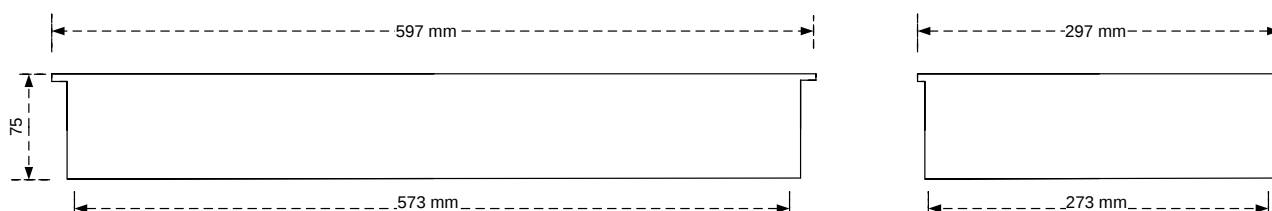
## Over Time Performance

|                               |              |
|-------------------------------|--------------|
| 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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