

# RECESSED LED LUMINAIRE

## PRODUCT DATA



820-515



### General Information

|                                   |                                                                                        |
|-----------------------------------|----------------------------------------------------------------------------------------|
| Order Code                        | 820-515                                                                                |
| Product Description               | CYFELCO REC-2WND-34W-5350LM-6500K-L60W60H57 DALI                                       |
| 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           | 2 pcs                                                                                  |
| Light Source Colour               | 6500K, cool daylight                                                                   |
| Driver                            | Built-in Vossloh-Schwabe                                                               |
| Dimming                           | Dimmable DALI                                                                          |
| 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     | 38 W     |
| Input voltage   | 220-240V |
| Input Frequency | 50-60 Hz |
| Drive Current   | 700 mA   |
| Power Factor    | 0.97     |

### Mechanical Characteristics

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

### Initial Performance

|                                        |               |
|----------------------------------------|---------------|
| Source Luminous Flux                   | 5350 lm       |
| Source Efficacy                        | 157 lm/W      |
| Initial Luminaire Luminous Flux        | 4036 lm       |
| Initial Luminaire Efficacy             | 107 lm/W      |
| Initial Corr. Colour Temperature (CCT) | 6500 K        |
| Initial Color Rendering Index (CRI)    | >80 (Typ. 85) |
| Initial chromaticity                   | SDCM < 3      |

### Logistics

|                        |                     |
|------------------------|---------------------|
| Net weight per piece   | xxx kg              |
| Gross weight per piece | xxx kg              |
| Volume                 | 0.33 m <sup>3</sup> |
| Packing                | 1 pc per carton     |

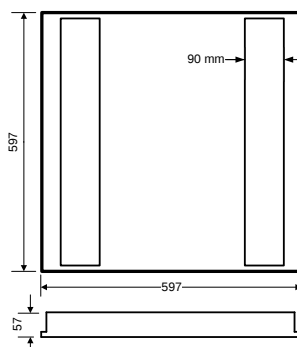
### Over Time Performance

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



ELMASCO INDUSTRIES S.A.

Head Office : 44 K. Palama, 14343 N. Chalkidona, Athens, Greece

Production Plant : Ag. Adrianos, 21100 Nafplio, Greece

Email: elmasco@elmasco.eu

Tel : +30 210 2583100

Fax: +30 210 2583107

