

# Technical datasheet

## WORREC-859-S-850-2-80-WH



### Product description

Premium recessed luminaire with precision optics for minimal glare. Ideal for offices, retail spaces and schools where light quality matters. Efficiency up to 141 lm/W, CRI up to 90+, selectable 50° or 80° distribution. Available with DALI control. Lifetime 50,000h, 5-year warranty. Modular sizes 579/859/1139 mm.



LED

220-240V  
50-60Hz

IP20

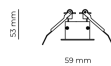
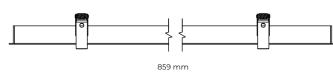
UGR  
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DIMM  
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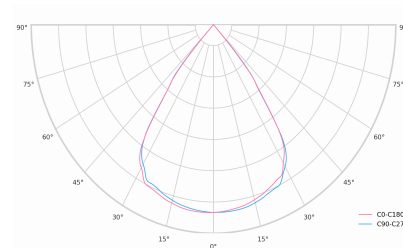
### Product technical data

|                     |                        |                            |               |
|---------------------|------------------------|----------------------------|---------------|
| Mains voltage       | 220 - 240V AC, 50/60Hz | Ripple                     | 3 %           |
| Connection method   | Screw terminal         | DALI address               | 1             |
| Dimming type        | DALI                   | Standby power              | 0.50 W        |
| IP rating           | 20                     | Inrush current             | 5 A           |
| Protection class    | I                      | Inrush time                | 45 µs         |
| Ambient temperature | 0 to +25 °C            | Optical system             | Lenses        |
| Light source        | LED                    | Optical part material      | PMMA          |
| Rated luminous flux | 3,585 lm               | Housing material           | Aluminium     |
| Connected load      | 27.21 W                | Surface finish             | Powder coated |
| Luminous efficacy   | 131.8 lm/W             | Width                      | 59.00 cm      |
|                     |                        | Height                     | 53.00 cm      |
|                     |                        | Length                     | 859.00 cm     |
|                     |                        | Weight                     | 1.00 kg       |
|                     |                        | Service lifetime (L80 B10) | 50 000 h      |
|                     |                        | Warranty                   | 5 years       |

## Dimensions



## Light distribution



## DALI 2

**DALI** (Digital Addressable Lighting Interface) is an international standard for digital lighting control systems. It enables individual control of each luminaire in the network using digital signals - unlike traditional analog solutions.

### Key DALI2 innovations:

- Advanced diagnostic capabilities
- Better fault reporting and device status
- Enhanced scene programming options
- Support for RGB/RGBW and tunable white