

# Technical datasheet

## WORREC-859-S-840-2-50-BL



### 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.



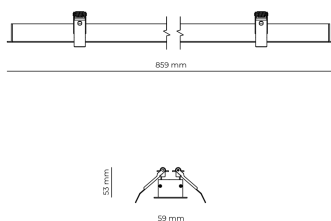
**LED**    220-240V  
50-60Hz    **IP20**        **CE**        **UGR < 19**    **DIMM Push**    

### Product technical data

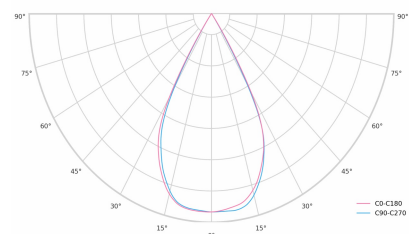
|                     |                        |
|---------------------|------------------------|
| Mains voltage       | 220 - 240V AC, 50/60Hz |
| Connection method   | Screw terminal         |
| Dimming type        | DALI                   |
| IP rating           | 20                     |
| Protection class    | I                      |
| Ambient temperature | 0 to +25 °C            |
| Light source        | LED                    |
| Rated luminous flux | 3,493 lm               |
| Connected load      | 27.21 W                |
| Luminous efficacy   | 128.4 lm/W             |

|                            |               |
|----------------------------|---------------|
| Ripple                     | 3 %           |
| DALI address               | 1             |
| Standby power              | 0.50 W        |
| Inrush current             | 5 A           |
| Inrush time                | 45 µs         |
| Optical system             | Lenses        |
| Optical part material      | PMMA          |
| Housing material           | Aluminium     |
| Surface finish             | Powder coated |
| 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