# Technical datasheet

WORREC-859-S-840-2-80-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.

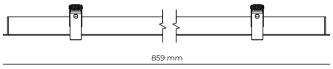
LED 220-240V 50-60Hz IP20 UGR < 19 DIMM Push DALI 2

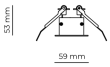
## Product technical data

| | |
|---|---|
| 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 | 3,585 lm |
| Connected load | 27.21 W |
| Luminous efficacy | 131.8 lm/W |

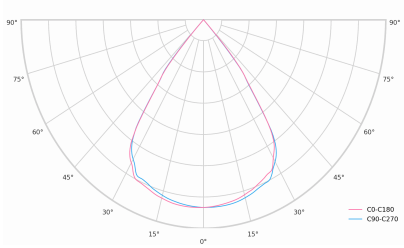
| | |
|---|---|
| Ripple | 3 % |
| DALI address | 1 |
| Standby power | 0.50 W |
| Inrush current | 5 A |
| Inrush time | 45 µs |
| Optical system | Lenses |
| Optical part material | PMMA |
| Housing material | Aluminium |
| Surface finish | Powder coated |
| Width | 59.00 cm |
| Height | 53.00 cm |
| 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