Technical datasheet

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



Product description

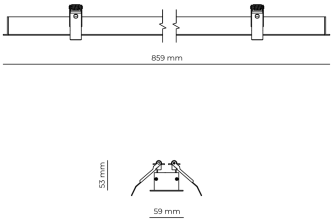
Premium recessed luminaire with precision optics for minimal glare. Ideal for offices, retail spaces and schools where light quality matters. Efficiency up to 141 lm/W, CRI up to 90+, selectable 50° or 80° distribution. Available with DALI control. Lifetime 50,000h, 5-year warranty. Modular sizes 579/859/1139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

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

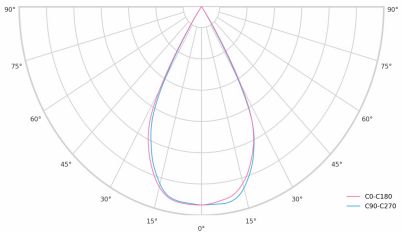
Product technical data

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