

# Technical datasheet

## DIABLOSUS-M-840-2-24-WH-




### Product description

Diablo is a compact suspended 3-phase LED spotlight with integrated power supply and aluminum heatsink with 50,000 hours lifetime. Available in 3 power options, wide range of color temperatures (2700K-4000K) with CRI 80+/90+. Four light distribution types (15°, 24°, 36°, 60°) and DALI control option available. Ideal for commercial spaces, showrooms and households. 5-year warranty.

**LED**    220-240V  
50-60Hz    **IP20**                

### Product technical data

Mains voltage	220 - 240V AC, 50/60Hz
Connection method	3-phase track adapter
Dimming type	DALI
IP rating	20
Protection class	II
Ambient temperature	0 to +25 °C
Light source	LED
Rated luminous flux	2,842 lm
Connected load	19.33 W
Luminous efficacy	147.0 lm/W

Ripple	3 %
DALI address	1
Standby power	0.50 W
Inrush current	5 A
Inrush time	50 µs
Optical system	Lenses
Optical part material	PMMA
Housing material	Die-cast aluminium
Surface finish	Powder coated
Service lifetime (L80 B10)	50 000 h
Warranty	5 years

### Dimensions



### Light distribution



**Available cable colors**



**Optional products**



**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