

# Technical datasheet

## DIABLOSUS-L-840-2-24-BL-




### 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 | 3,880 lm               |
| Connected load      | 27.58 W                |
| Luminous efficacy   | 140.7 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