

Technical datasheet

DIABLOSUS-L-827-2-36-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

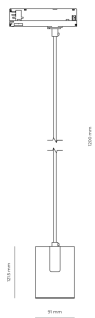
220-240V  
50-60Hz

IP20

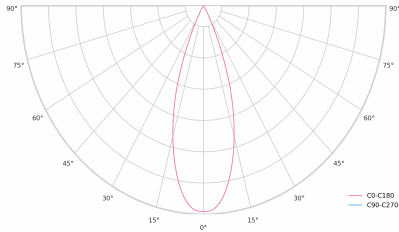
Product technical data

|                     |                        |                            |                    |
|---------------------|------------------------|----------------------------|--------------------|
| Mains voltage       | 220 - 240V AC, 50/60Hz | Ripple                     | 3 %                |
| Connection method   | 3-phase track adapter  | DALI address               | 1                  |
| Dimming type        | DALI                   | Standby power              | 0.50 W             |
| IP rating           | 20                     | Inrush current             | 5 A                |
| Protection class    | II                     | Inrush time                | 50 µs              |
| Ambient temperature | 0 to +25 °C            | Optical system             | Lenses             |
| Light source        | LED                    | Optical part material      | PMMA               |
| Rated luminous flux | 3,580 lm               | Housing material           | Die-cast aluminium |
| Connected load      | 27.58 W                | Surface finish             | Powder coated      |
| Luminous efficacy   | 129.8 lm/W             | Service lifetime (L80 B10) | 50 000 h           |
|                     |                        | Warranty                   | 5 years            |

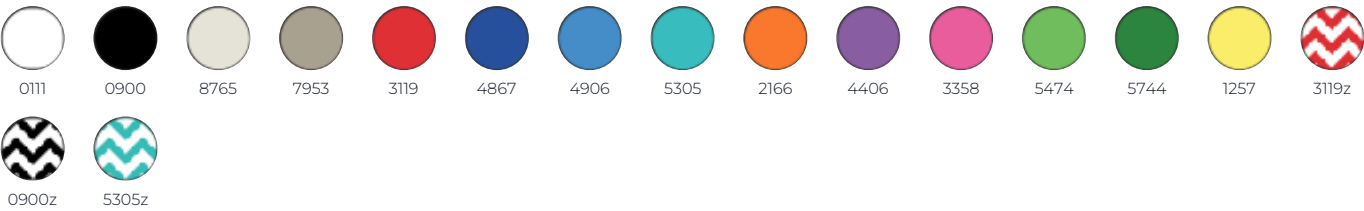
Dimensions



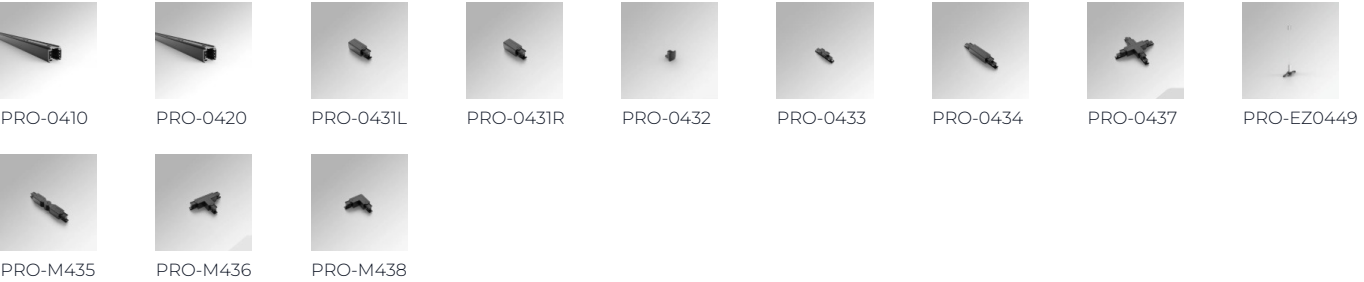
Light distribution



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