

Technical datasheet

WORTDUO-L-850-2-50-BL



Product description

Worker Track Duo is a linear LED luminaire for 3-phase track system with LED source with 50,000 hours lifetime. Available in 3 power options, color temperatures 3000K/4000K/5000K with CRI 80+/90+. Five light distribution types (50°, 80°, ASYM, SYM, WAS) with special optics reducing glare and DALI control option available. Provides comfortable and natural lighting with easy track system installation. Ideal for offices and stores. 5-year warranty.

LED

220-240V  
50-60Hz

IP20

UGR  
< 19

CCT  
5000 k

CRI  
80+

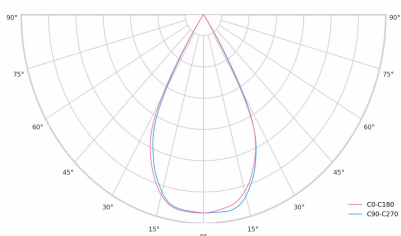
Product technical data

|                       |                        |                            |               |
|-----------------------|------------------------|----------------------------|---------------|
| Mains voltage         | 220 - 240V AC, 50/60Hz | Ripple                     | 1 %           |
| Connection method     | 3-phase track adapter  | DALI address               | 1             |
| Dimming type          | DALI                   | Standby power              | 0.30 W        |
| IP rating             | 20                     | Inrush current             | 15 A          |
| Protection class      | II                     | Inrush time                | 100 µs        |
| Ambient temperature   | 0 to +25 °C            | Optical system             | Lenses        |
| Light source          | LED                    | Optical part material      | PMMA          |
| Colour temperature    | 5000k                  | Housing material           | Aluminium     |
| Color rendering index | 80                     | Surface finish             | Powder coated |
| Rated luminous flux   | 5,395 lm               |                            |               |
| Connected load        | 42.44 W                | Service lifetime (L80 B10) | 50 000 h      |
| Luminous efficacy     | 127.1 lm/W             | 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