

# Technical datasheet





## WORTDUO-S-850-2-50-BL

ARLI



### Product description

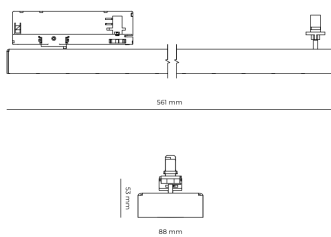
Worker Track Duo is a linear LED luminaire for 3-phase track system with LED source with 50,000 hours lifetime. Available in 3 power options, color temperatures 3000K/4000K/5000K with CRI 80+/90+. Five light distribution types (50°, 80°, ASYM, SYM, WAS) with special optics reducing glare and DALI control 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+ 

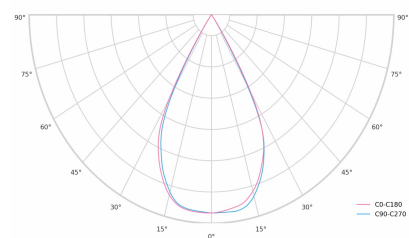
### Product technical data

|                       |                        |                            |               |
|-----------------------|------------------------|----------------------------|---------------|
| Mains voltage         | 220 - 240V AC, 50/60Hz | Ripple                     | 3 %           |
| Connection method     | 3-phase track adapter  | DALI address               | 1             |
| Dimming type          | DALI                   | Standby power              | 0.25 W        |
| IP rating             | 20                     | Inrush current             | 18 A          |
| Protection class      | II                     | Inrush time                | 104 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   | 3,582 lm               | Width                      | 44.00 cm      |
| Connected load        | 26.96 W                | Height                     | 53.00 cm      |
| Luminous efficacy     | 132.9 lm/W             | Length                     | 1,122.00 cm   |
|                       |                        | Weight                     | 2.80 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