# Technical datasheet

## WORTDUO-S-830-2-50-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.

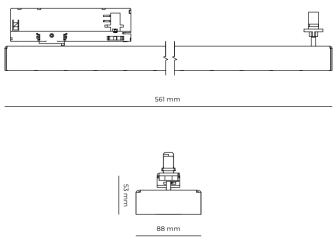
LED | 220-240 V 50-60 Hz | IP20 | UGR < 19 | CCT 3000 k | CRI 80+ | DALI 2

### Product technical data

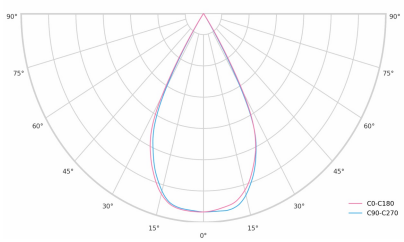
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|---|---|
| Mains voltage | 220 - 240V AC, 50/60Hz |
| Connection method | 3-phase track adapter |
| Dimming type | DALI |
| IP rating | 20 |
| Protection class | II |
| Ambient temperature | 0 to +25 °C |
| Light source | LED |
| Colour temperature | 3000k |
| Color rendering index | 80 |
| Rated luminous flux | 3,410 lm |
| Connected load | 26.96 W |
| Luminous efficacy | 126.5 lm/W |

| | |
|---|---|
| Ripple | 3 % |
| DALI address | 1 |
| Standby power | 0.25 W |
| Inrush current | 18 A |
| Inrush time | 104 µs |
| Optical system | Lenses |
| Optical part material | PMMA |
| Housing material | Aluminium |
| Surface finish | Powder coated |
| Width | 44.00 cm |
| Height | 53.00 cm |
| 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