

# Technical datasheet

## FLITSUR-1000-L-850-1-90-BL



### Product description

Flit Surface is a surface-mounted linear LED luminaire with LED source with 60,000 hours lifetime and high efficiency up to 165 lm/W. Available in 2 lengths and 4 power options, wide range of color temperatures (3000K-6500K) with CRI 80+/90+. Five light distribution types and DALI control option available. Ideal for commercial premises, offices, warehouses and production halls with demanding visual tasks. 5-year warranty.



**LED** 220-240 V 50-60 Hz **IP20**  **CE** **UGR < 19** **CCT 5000 k** **CRI 80+** **CLO**

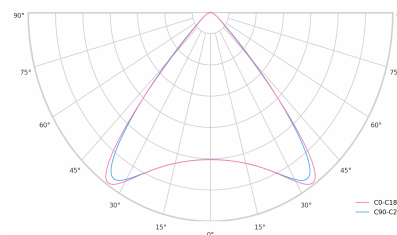
### Product technical data

|                       |                        |                            |               |
|-----------------------|------------------------|----------------------------|---------------|
| Mains voltage         | 220 - 240V AC, 50/60Hz | Inrush current             | 20 A          |
| Connection method     | Connection cable       | Inrush time                | 120 µs        |
| Dimming type          | Non-dimmable           | Optical system             | Lenses        |
| IP rating             | 20                     | Optical part material      | PMMA          |
| Protection class      | I                      | Housing material           | Aluminium     |
| Ambient temperature   | 0 to +30 °C            | Surface finish             | Powder coated |
| Light source          | LED                    | Width                      | 62.00 cm      |
| Colour temperature    | 5000k                  | Height                     | 57.00 cm      |
| Color rendering index | 80                     | Length                     | 1,000.00 cm   |
| Rated luminous flux   | 5,054 lm               | Weight                     | 1.40 kg       |
| Connected load        | 31.31 W                | Service lifetime (L80 B10) | 60 000 h      |
| Luminous efficacy     | 161.4 lm/W             | Warranty                   | 5 years       |

### Dimensions



### Light distribution



## Constant Light Output (CLO)

This system compensates for the depreciation of luminous flux to avoid excess lighting at the beginning of the installation's service life. Luminous depreciation over time must be taken into account to ensure a predefined lighting level during the luminaire's useful life.

Without a CLO feature, this simply means increasing the initial power upon installation in order to make up for luminous depreciation. By precisely controlling the luminous flux, the energy needed to reach the required level can be maintained throughout the luminaire's life.



A. Dimming level  
B. Time