

# Technical datasheet

## FLITSUR-1000-S-850-2-90-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** 220-240V 50-60Hz **IP20**  **CE** **UGR < 19** **CCT 5000 k** **CRI 80+** **DIMM Push** **CLO** 

### Product technical data

|                       |                        |                            |               |
|-----------------------|------------------------|----------------------------|---------------|
| Mains voltage         | 220 - 240V AC, 50/60Hz | Ripple                     | 1 %           |
| Connection method     | Connection cable       | DALI address               | 1             |
| Dimming type          | DALI                   | Inrush current             | 6 A           |
| IP rating             | 20                     | Inrush time                | 800 µs        |
| Protection class      | I                      | Optical system             | Lenses        |
| Ambient temperature   | 0 to +30 °C            | Optical part material      | PMMA          |
| Light source          | LED                    | Housing material           | Aluminium     |
| Colour temperature    | 5000k                  | Surface finish             | Powder coated |
| Color rendering index | 80                     | Width                      | 62.00 cm      |
| Rated luminous flux   | 3,059 lm               | Height                     | 57.00 cm      |
| Connected load        | 19.23 W                | Length                     | 1,000.00 cm   |
| Luminous efficacy     | 159.1 lm/W             | Weight                     | 1.40 kg       |
|                       |                        | Service lifetime (L80 B10) | 60 000 h      |
|                       |                        | 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

## 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