# Technical datasheet

FLITSUR-1000-M-835-2-90-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 | 220-240 V 50-60 Hz | IP20 | CE | UGR < 19 | CCT 3500 k | CRI 80+ | DIMM Push | CLO | DALI 2

## Product technical data

| | |
|---|---|
| Mains voltage | 220 - 240V AC, 50/60Hz |
| Connection method | Connection cable |
| Dimming type | DALI |
| IP rating | 20 |
| Protection class | I |
| Ambient temperature | 0 to +30 °C |
| Light source | LED |
| Colour temperature | 3500k |
| Color rendering index | 80 |
| Rated luminous flux | 3,886 lm |
| Connected load | 25.18 W |
| Luminous efficacy | 154.3 lm/W |

| | |
|---|---|
| Ripple | 1 % |
| DALI address | 1 |
| Inrush current | 6 A |
| Inrush time | 800 µs |
| Optical system | Lenses |
| Optical part material | PMMA |
| Housing material | Aluminium |
| Surface finish | Powder coated |
| Width | 62.00 cm |
| Height | 57.00 cm |
| Length | 1,000.00 cm |
| 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 luminousflux to avoid excess lightingat the beginningof the installation's service life. Luminous depreciation over time must be taken into account to ensure a predefined lightinglevel duringthe luminaire's usefullife.

Without a CLO feature, this simply means increasingthe initial power upon installationin order tomake 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