

Technical datasheet

FLITSUR-1000-L-840-2-90-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

UGR  
< 19

CCT  
4000 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           |
|                       |                        | Inrush time                | 800 µs        |
| IP rating             | 20                     | Optical system             | Lenses        |
| Protection class      | I                      | Optical part material      | PMMA          |
| Ambient temperature   | 0 to +30 °C            | Housing material           | Aluminium     |
|                       |                        | Surface finish             | Powder coated |
| Light source          | LED                    | Width                      | 62.00 cm      |
| Colour temperature    | 4000k                  | 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        | 30.60 W                |                            |               |
| Luminous efficacy     | 165.2 lm/W             | 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