

Technical datasheet

FLITSUR-1000-XL-840-1-90-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

UGR  
< 19

CCT  
4000 K

CRI  
80+

CLO

Product technical data

|                       |                        |                            |               |
|-----------------------|------------------------|----------------------------|---------------|
| Mains voltage         | 220 - 240V AC, 50/60Hz | Ripple                     | 3 %           |
| Connection method     | Connection cable       | Inrush current             | 20 A          |
| Dimming type          | Non-dimmable           | Inrush time                | 120 µs        |
| IP rating             | 20                     | Optical system             | Lenses        |
| Protection class      | I                      | Optical part material      | PMMA          |
| Ambient temperature   | 0 to +30 °C            | Housing material           | Aluminium     |
| Light source          | LED                    | Surface finish             | Powder coated |
| Colour temperature    | 4000k                  | Width                      | 62.00 cm      |
| Color rendering index | 80                     | Height                     | 57.00 cm      |
| Rated luminous flux   | 7,002 lm               | Length                     | 1,000.00 cm   |
| Connected load        | 43.73 W                | Weight                     | 1.40 kg       |
| Luminous efficacy     | 160.1 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 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