

# Technical datasheet

## FLITSUR-1000-XL-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** 220-240V 50-60Hz **IP20**  **CE** **UGR < 19** **CCT 3500 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	3500k	Surface finish	Powder coated
Color rendering index	80	Width	62.00 cm
Rated luminous flux	6,698 lm	Height	57.00 cm
Connected load	43.34 W	Length	1,000.00 cm
Luminous efficacy	154.5 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