

Technical datasheet

FLITSUR-1000-XL-830-2-90-WH



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 3000 k** **CRI 80+** **DIMM Push** **CLO** 

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	3000k
Color rendering index	80
Rated luminous flux	6,622 lm
Connected load	43.34 W
Luminous efficacy	152.8 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 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