

# Technical datasheet

## FLITSUR-1000-XL-830-1-90-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**    220-240 V    IP20            UGR < 19    CCT 3000 k    CRI 80+    **CLO**

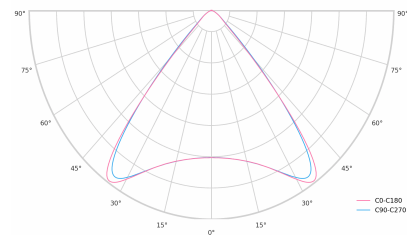
### Product technical data

Mains voltage	220 - 240V AC, 50/60Hz	Inrush current	20 A
Connection method	Connection cable	Inrush time	120 µs
Dimming type	Non-dimmable	Optical system	Lenses
IP rating	20	Optical part material	PMMA
Protection class	I	Housing material	Aluminium
Ambient temperature	0 to +30 °C	Surface finish	Powder coated
Light source	LED	Width	62.00 cm
Colour temperature	3000k	Height	57.00 cm
Color rendering index	80	Length	1,000.00 cm
Rated luminous flux	6,622 lm	Weight	1.40 kg
Connected load	43.73 W	Service lifetime (L80 B10)	60 000 h
Luminous efficacy	151.4 lm/W	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