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.

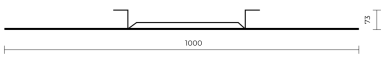
LED | 220-240 V 50-60 Hz | IP20 | UGR < 19 | CCT 3500 k | CRI 80+ | DIMM Push | CLO | DALI 2

Product technical data

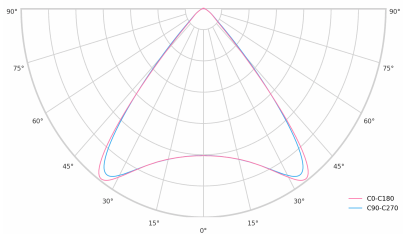
Mains voltage	220 - 240V AC, 50/60Hz
Connection method	Connection cable
Dimming type	DALI
IP rating	20
Protection class	I
Ambient temperature	0 to +30 °C
Light source	LED
Colour temperature	3500k
Color rendering index	80
Rated luminous flux	6,698 lm
Connected load	43.34 W
Luminous efficacy	154.5 lm/W

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



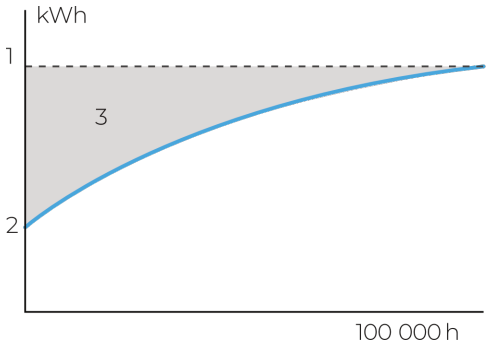
Light distribution



Constant Light Output (CLO)

This system compensates for the depreciation of 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