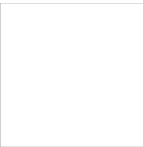# Technical datasheet

## LINESUR-1696-S-830-2-BL

## Product description

LINE Surface is an elegant linear LED luminaire with high-quality LED source with 50,000 hours lifetime and PMMA diffuser for uniform light. Available in 5 sizes (572-2820mm), color temperatures 3000K/4000K with CRI 80+/90+. DALI control option available. Ideal for offices and commercial spaces. 5-year warranty.

**LED**  220-240 V 50-60 Hz  IP**20**  ⏚  CE  CCT 3000 k  CRI 80+  DIMM Push  **CLO**  DALI

## Product technical data

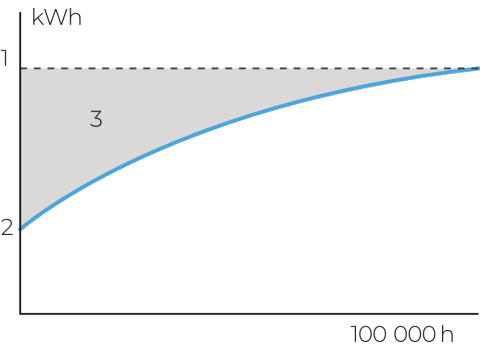| | | | | |
|---|---|---|---|---|
| Mains voltage | 220 - 240V AC, 50/60Hz | | Ripple | 1 % |
| Connection method | 3-phase track adapter | | DALI address | 1 |
| Dimming type | DALI | | Standby power | 0.50 W |
| | | | Inrush current | 18 A |
| IP rating | 20 | | Inrush time | 180 µs |
| Protection class | I | | | |
| Ambient temperature | 0 to +25 °C | | Optical system | Diffuser |
| | | | Optical part material | PMMA |
| Light source | LED | | Housing material | Aluminium |
| Colour temperature | 3000k | | Surface finish | Powder coated |
| Color rendering index | 80 | | | |
| Rated luminous flux | 2,155 lm | | Width | 50.00 cm |
| Connected load | 22.97 W | | Height | 70.00 cm |
| Luminous efficacy | 93.8 lm/W | | Length | 1,696.00 cm |
| | | | Weight | 4.00 kg |
| | | | | |
| | | | Service lifetime (L80 B10) | 50 000 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