

Technical datasheet

LINESUS2820-S-840-2-BL-DI-





Product description

LINE Suspended is a pendant linear LED luminaire with high-quality LED source with 50,000 hours lifetime and PMMA diffuser. Available in 5 sizes (572-2820mm), color temperatures 3000K/4000K with CRI 80+/90+. Direct and indirect lighting options with DALI control available. Wide range of cable colors. Ideal for offices and commercial spaces. 5-year warranty.

LED

220-240V  
50-60Hz

IP20





CCT  
4000 k

CRI  
80+

DIMM  
Push

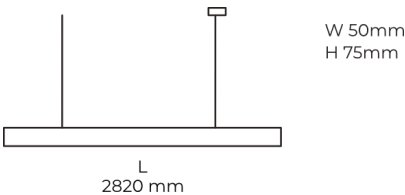
CLO



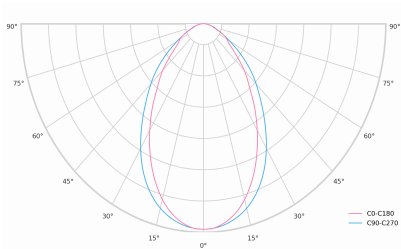
Product technical data

|                       |                        |                            |               |
|-----------------------|------------------------|----------------------------|---------------|
| Mains voltage         | 220 - 240V AC, 50/60Hz | Ripple                     | 1 %           |
| Connection method     | Plug-in terminal       | DALI address               | 1             |
| Dimming type          | DALI                   | Standby power              | 0.50 W        |
| IP rating             | 20                     | Inrush current             | 18 A          |
| Protection class      | I                      | Inrush time                | 180 µs        |
| Ambient temperature   | 0 to +25 °C            | Optical system             | Diffuser      |
| Light source          | LED                    | Optical part material      | PMMA          |
| Colour temperature    | 4000k                  | Housing material           | Aluminium     |
| Color rendering index | 80                     | Surface finish             | Powder coated |
| Rated luminous flux   | 3,772 lm               | Width                      | 5.00 cm       |
| Connected load        | 37.45 W                | Height                     | 7.00 cm       |
| Luminous efficacy     | 100.7 lm/W             | Length                     | 282.00 cm     |
|                       |                        | Weight                     | 6.80 kg       |
|                       |                        | Service lifetime (L80 B10) | 50 000 h      |
|                       |                        | Warranty                   | 5 years       |

Dimensions



Light distribution



Available cable colors



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