

# Technical datasheet

## HEXSUR-1800-S-940-2-BL



### Product description

The design of the luminaire returns to the power of the basic geometric shapes of the hexagon. By combining several diameters, it is possible to achieve different configurations and lighting scenarios with a great visual impact on the interior.



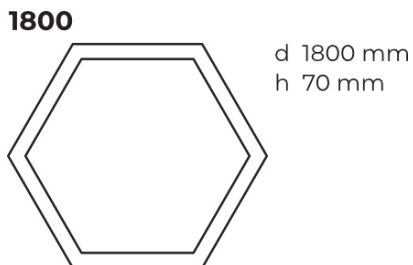
LED 220-240V 50-60Hz IP20   CCT 4000 k CRI 90+ DIMM Push CLO 

### Product technical data

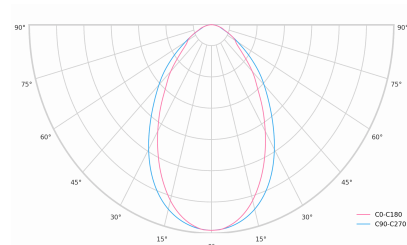
Mains voltage	220 - 240V AC, 50/60Hz
Connection method	Plug-in terminal
Dimming type	DALI
IP rating	20
Protection class	I
Ambient temperature	0 to +25 °C
Light source	LED
Colour temperature	4000k
Color rendering index	90
Rated luminous flux	4,488 lm
Connected load	46.62 W
Luminous efficacy	96.3 lm/W

Ripple	1 %
DALI address	1
Standby power	0.50 W
Inrush current	18 A
Inrush time	180 µs
Optical system	Diffuser
Optical part material	PMMA
Housing material	Aluminium
Surface finish	Powder coated
Width	1,800.00 cm
Height	70.00 cm
Length	1,800.00 cm
Weight	10.00 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 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