

Technical datasheet

HEXSUR-1800-S-840-2-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

220-240 V
50-60 Hz

IP20

CE

CCT
4000 k

CRI
80+

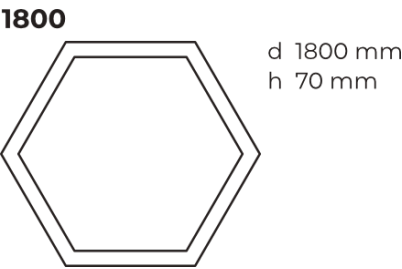
DIMM
Push

CLO

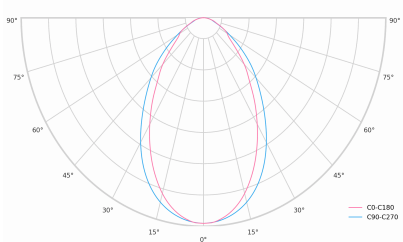
Product technical data

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	5,107 lm	Width	1,800.00 cm
Connected load	49.53 W	Height	70.00 cm
Luminous efficacy	103.1 lm/W	Length	1,800.00 cm
		Weight	10.00 kg
		Service lifetime (L80 B10)	50 000 h
		Warranty	5 years

Dimensions



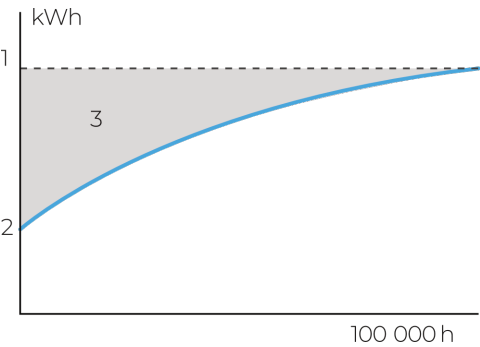
Light distribution



Constant Light Output (CLO)

This system compensates for the depreciation of 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