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.

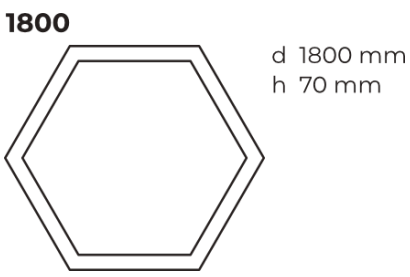
LED | 220-240 V 50-60 Hz | IP20 | CCT 4000 k | CRI 80+ | DIMM Push | CLO | DALI

Product technical data

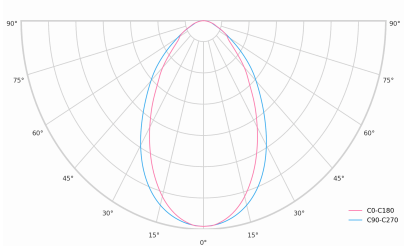
Mains voltage	220 - 240V AC, 50/60Hz
Connection method	Plug-in terminal
Dimming type	DALI
IP rating	20
Protection class	I
Ambient temperature	0 to +25 °C
Light source	LED
Colour temperature	4000k
Color rendering index	80
Rated luminous flux	5,107 lm
Connected load	49.53 W
Luminous efficacy	103.1 lm/W

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



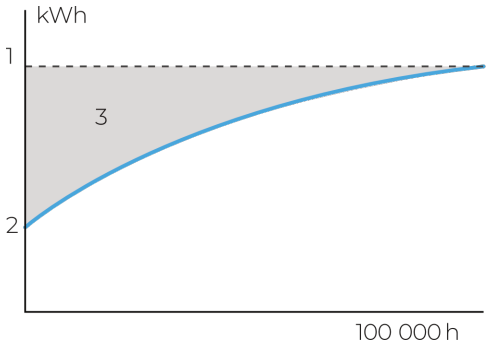
Light distribution



Constant Light Output (CLO)

This system compensates for the depreciation of 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