



## CHIPLITE CL-XOH2 MODULE FOR LIGHTBOXES FROM 100 MM DEPTH

The CL-XOH2 module now has a new look and brighter LEDs. Fitted with two SMD LEDs including optical lenses and an IP65 rated housing. This module generates a luminous flux of 120 lumens using 0.96 watts of power (125 lumens per watt). At 100mm deep a grid of 150mm x 150mm is possible and at 120mm deep the grid can be increased to 180mm x 180mm.

### TECHNICAL FEATURES

- TWO SMD LEDs WITH OPTICAL LENSES AND AN IP65 RATED HOUSING
- LED CHIPS ARE CONSTANT CURRENT REGULATED
- SUPPLIED CHAIN LENGTH: 60 MODULES
- DIMENSIONS: 51.5MM X 21.5MM
- OPERATING VOLTAGE: 12 VOLTS
- POWER CONSUMPTION: 0.96 WATTS PER MODULE
- LUMENS PER MODULE: 120
- EFFICIENCY: 125 LUMENS PER WATT
- BEAM ANGLE: 160 DEGREES
- CE IN ACCORDANCE WITH EN 55015

### SAFETY AND ASSEMBLY INFORMATION

- The components on the circuit board should not be subjected to mechanical stress
- The conductors should not be damaged or interrupted
- Only power supplies approved by Chiplite may be used to operate our modules
- Avoid electrostatic charges and discharges


### ELECTRICAL AND OPTICAL OPERATING DATA

COLOUR	CURRENT (MA)	INPUT (WATTS)	VOLTAGE (DC)	LUMINOUS FLUX (LUMENS)	LUMENS PER WATT (LM/W)	COLOUR TEMPERATURE (KELVIN)
White 7.0	80	0,96	12	120	125	7.000 K

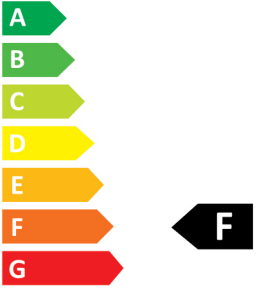
### LIMIT VALUES

TYPE	VOLTAGE (DC)		OPERATING TEMPERATURE °C		STORAGE TEMPERATURE °C	
	V MIN.	V MAX.	°C MIN.	°C MAX.	°C MIN.	°C MAX.
All Types	11	13	-20	70	-40	85


Exceeding the limit values can result in a significant shortening of the service life or destruction of the module.



**Chiplite**  
CL-XOH2-12V



**1**  
kWh/1000h



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