



CHIPLITE CL-EL1 MODULE FOR EDGE ILLUMINATION OF LIGHT BOXES FROM 80 mm DEPTH

This module is perfect for edge lighting in many applications. Fitted with a single SMD LED including an optical lens and an IP65 rated housing. Flexible spacing means that the illumination levels can be adjusted on single and double sided light boxes. This module generates a luminous flux of 150 lumens using 1.50 watts of power (100 lumens per watt).

TECHNICAL FEATURES

- ONE SMD LED WITH AN OPTICAL LENS AND AN IP65 RATED HOUSING
- LED CHIPS ARE CONSTANT CURRENT REGULATED
- ALUMINIUM CIRCUIT BOARD
- SUPPLIED CHAIN LENGTH: 30 MODULES
- DIMENSIONS: 43MM X 36MM
- OPERATING VOLTAGE: 12 VOLTS
- POWER CONSUMPTION: 1.50 WATTS PER MODULE
- LUMENS PER MODULE: 150
- EFFICIENCY: 100 LUMENS PER WATT
- BEAM ANGLE: 56 X 12 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	125	1,5	12	150	100	7.000 K
Warmwhite 3:5	125	1,5	12	133	89	3.500 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.

