

## CHIPLETE CL-EL2 MODULE FOR EDGE ILLUMINATION OF LARGER LIGHT BOXES

This module is perfect for edge lighting larger light boxes typically over 1800mm high. 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 250 lumens using 2.80 watts of power (89 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: 20 MODULES
- DIMENSIONS: 68MM X 34MM
- OPERATING VOLTAGE: 12 VOLTS
- POWER CONSUMPTION: 2.80 WATTS PER MODULE
- LUMENS PER MODULE: 250
- EFFICIENCY: 89 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 | 233          | 2,8           | 12           | 250                    | 89                     | 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-EL2 12V

|   |   |
|---|---|
| A | → |
| B | → |
| C | → |
| D | → |
| E | → |
| F | → |
| G | ← |

**2**  
kWh/1000h



2019/2015