



## CHIPLETE CL-XOM MODULE FOR SMALL LETTERS AND FULL ACRYLIC LETTERS

The CL-XOM module is fitted with a single SMD LED including an optical lens and an IP65 rated housing. At only 18.3mm x 10.3mm in size and available in chains of 50, it can be used from a depth of 33mm. This module generates a luminous flux of 32 lumens using 0.24 watts of power (133 lumens per watt)

### TECHNICAL FEATURES

- ONE SMD LED WITH AN OPTICAL LENS AND AN IP65 RATED HOUSING
- LED CHIPS ARE CONSTANT CURRENT REGULATED
- SUPPLIED CHAIN LENGTH: 50 MODULES
- DIMENSIONS: 18.3MM X 10.3MM
- OPERATING VOLTAGE: 12 VOLTS
- POWER CONSUMPTION: 0.24 WATTS PER MODULE
- LUMENS PER MODULE: 32
- EFFICIENCY: 133 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 7.5	25	0,24	12	32	133	7.500 K
Warmwhite 3.5	25	0,3	12	30	100	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.