CHIPLITE CL-XOL-24 MODULE FOR LETTERS AND LIGHTBOXES FROM 50 MM DEPTH

The CL-XOL-24 module is fitted with two SMD LEDs including optical lenses and an IP65 rated housing. At only 57mm x 17mm in size and available in chains of 100, it can be used from a depth of 50mm. This module generates a luminous flux of 60 lumens using only 0.36 watts of power (165 lumens per watt) making it suitable for use in lettering and light boxes of practically any size.

TECHNICAL FEATURES

- TWO SMD LEDS WITH OPTICAL LENSES AND AN IP65 RATED HOUSING
- LED CHIPS ARE CONSTANT CURRENT REGULATED
- SUPPLIED CHAIN LENGTH: 100 MODULES
- DIMENSIONS: 57MM X 17MM
- OPERATING VOLTAGE: 24 VOLTS
- POWER CONSUMPTION: 0.36 WATTS PER MODULE
- LUMENS PER MODULE: 60
- EFFICIENCY: 165 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	15	0,36	24	60	165	7.500 K

LIMIT VALUES

TYPE	VOLTAGE (DC) V MIN.	V MAX.	OPERATING TEMPERATURE °C °C MIN.	°C MAX.	STORAGE TEMPERATURE °C °C MIN.	°C MAX.
All Types	23	25	-20	70	-40	85

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