



CHIPLITE CL-FLEXO MODULE FOR SHADOW FREE ILLUMINATION OF LIGHTBOXES FROM 40 MM DEPTH

This module has an optical lens of 170° degrees and a flexible circuit board instead of wires between the modules. This makes it possible to have shadow free illumination of light boxes from 40 mm depth. You will not have the problem often seen with other systems where you see the series cables through the illuminated face of the sign. The CL-FLEXO comes on a 4800 mm long roll with 60 LED modules. The FLEXO is also available as an outdoor version.

TECHNICAL FEATURES

- ONE SMD LED WITH OPTICAL LENS AND AN IP65 RATED HOUSING ON THE OUTDOOR VERSION
- SUPPLIED ROLL LENGTH: 4800MM WITH 60 MODULES PER ROLL
- DIMENSIONS: 35MM X 23MM
- OPERATING VOLTAGE: 12 VOLTS
- POWER CONSUMPTION: 0.72 WATTS PER MODULE
- LUMENS PER MODULE: 69 (WHITE)
- EFFICIENCY: 95 LUMENS PER WATT (WHITE)
- BEAM ANGLE: 170 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 Chiplate 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	60	0,72	12	69	95	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.