



CHIPLITE NEON-FLEX FLAT

This is the FLAT version of Neon-Flex in square form. This profile can be curved in the vertical plane and is also ideal for straight lines. It can easily be cut to the required length.

TECHNICAL FEATURES

- VERTICALLY BENDABLE, MIN DIAMETER, 110MM
- ENHANCED LEDS DEVELOPED SPECIFICALLY FOR STRIP PRODUCTS
- ILLUMINATED SIDES
- DIFFUSED SILICONE LENS AND THERMAL CONDUCTIVE BASE
- UV AND YELLOWING RESISTANT
- IP67 AND SALT-MIST PROOF
- FLEXIBLE AND CAN BE CUT IN MULTIPLES OF 6 LEDS
- L70B50 50,000HRS
- CONNECTION ACCESSORIES AVAILABLE

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	500	12	24	1000		7000 K
Red	500	12	24	270		620 Nm
Green	500	12	24	460		520 Nm
Blue	500	12	24	165		465 Nm
Warmwhite	500	12	24	950		3500 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	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.