



## 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.

