



CHIPLITE NEON-FLEX FLAT

This is the domed version of Neon-Flex which looks like a traditional neon tube. This profile can be curved in the horizontal plane and is ideal for forming shapes. It can easily be cut to the required length.

TECHNICAL FEATURES

HORIZONTALLY BENDABLE, MIN DIAMETER, 70MM
 ENHANCED LEDS DEVELOPED SPECIFICALLY FOR STRIP PRODUCTS
 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
- Maximum number per lead: 10 meters

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	350		7000 K
Red	500	12	24	150		620 Nm
Green	500	12	24	280		520 Nm
Blue	500	12	24	75		465 Nm

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.

