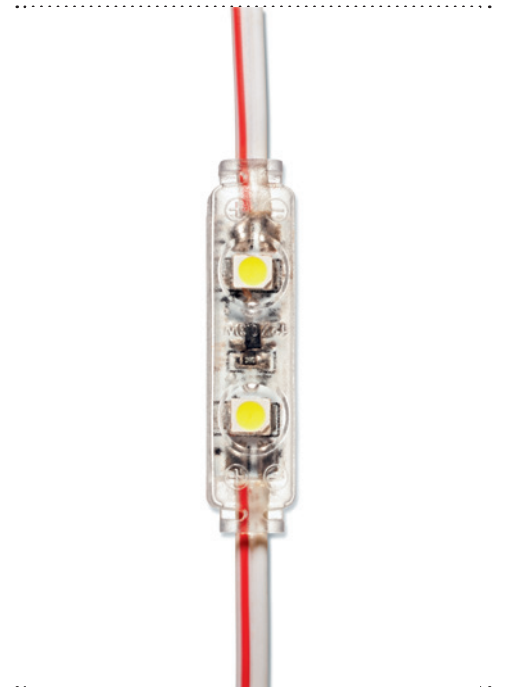


# CHIPLITE

## CL-XM

### TECHNICAL FEATURES

- // 2 SMD LEDS IN A PLASTIC HOUSING
- // LED CHIPS ARE CONSTANT CURRENT REGULATED
- // MODULES ARE SOLDERED TO FORM A CHAIN OF 50
- // DIMENSIONS 30 X 7 MM
- // OPERATING VOLTAGE 12 V
- // POWER INPUT 0.3 W PER MODULE
- // ANGLE OF RADIATION 120°
- // PROTECTION TYPE IP65
- // CE IN ACCORDANCE WITH EN 55015



### ELECTRICAL AND OPTICAL OPERATING DATA

Colour	Current mA	Input in watts	Voltage DC	Luminous flux in lumens	Lumens per watt (lm/W)	Dom. wavelength (nanometer) Colour temperature in kelvin
White	25	0.3	12	14	46	7,500 K
Red	25	0.3	12	4	13.4	620 nm
Green	25	0.3	12	8	26.7	520 nm
Blue	25	0.3	12	2.2	7.4	465 nm

### Limit values

Type	Voltage DC		Operating temperature at tc point		Storage temperature	
	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.

### SAFETY AND ASSEMBLY INFORMATION

- // The components on the circuit board may not be subjected to mechanical stress
- // The conductors may be neither damaged nor interrupted
- // Only our CHIPPOWER power supply units may be used to operate them
- // Avoid electrostatic discharges and charges
- // Maximum number per lead: 30 modules