

CHIPLITE

CL-X0

TECHNICAL FEATURES

- // 2 SMD LEDS WITH OPTIC
- // LED CHIPS ARE CONSTANT CURRENT REGULATED
- // ALUMINIUM CIRCUIT BOARD
- // MODULES ARE SOLDERED TO FORM A CHAIN OF 30
- // DIMENSIONS 41 X 14.6 MM
- // OPERATING VOLTAGE 12 V
- // POWER INPUT 0.48 W PER MODULE
- // ANGLE OF RADIATION 160°
- // 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 | 40 | 0.48 | 12 | 44 | 91 | 7,000 K |
| Red | 40 | 0.48 | 12 | 12 | 25 | 620 nm |
| Green | 40 | 0.48 | 12 | 36 | 75 | 520 nm |
| Blue | 40 | 0.48 | 12 | 7 | 14.5 | 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