

INNOVEC

CONTROLS PTY LTD

INNOVEC LEDMLM MARKER LIGHT



The **LEDMLM** is a 120VDC powered LED ARRAY (60 LED [light emitting diode]) Marker Light supplied in a surface mount enclosure with an IP54 weatherproof rating intended for rail cars.

FEATURES

- High intensity LEDs with 15 degrees view angle
- LEDS arranged in 6 independent circuits
- Constant light
- Available in red and white
- Nominal 120VDC [72-150VDC]
- Low cost - High performance
- Application is for marker light on railway rolling stock

The LEDMLM marker light is an advanced instrument that have been designed and manufactured to stringent specifications.

The LEDML-65 is a Led array suitable for harsh and long life. It has been designed to reject electrical interference that normally abounds in industrial environments and includes flying lead electrical connection.

TECHNICAL SPECIFICATIONS

Display

- An array of 60 high contrast light emitting diodes (LED) with a light emission angle of 15 degrees for each LED and a minimum light intensity of 110 Lux. The LEDs are arranged in 6 independent circuits so the loss of one led will not stop the light from functioning.

Environmental Parameters

- 0-70 degrees Celsius.
- 0-90% RH non-condensing.

Connection Details

- Terminal 1: 120VDC active supply (flying lead marked with red heat sink)
- Terminal 2: 0VDC supply (flying lead unmarked)
- Terminal 3: Ground supply (6mm brass earth stud)

Power Supply

- 120VDC (75-150VDC). Other voltages on request
- Current consumption is 30mA @ 24VDC
- The power supply input to the light is protected by an interference suppression circuit.
- Reverse polarity protection (reverse connection will not cause any damage to the light).

Weight

- LEDML is 200grams.

Mounting Details

- Panel mounting clear anodised aluminium enclosure of case dimensions 180mm diameter flange by 65mm deep, a body diameter of 133mm (panel cut out) with fixing centres on a 160mm PCD using an 6mm hole.

Ordering Information

- The part number is configured as.
- Model/input signal/display units/power supply/options.
- Sample number for red marker light: LEDMLM/60/40/120VDC/R.
- Sample number for white marker light: LEDML/60/40/120VDC/W.