

INNOVEC

CONTROLS PTY LTD

INNOVEC LEDML140 MARKER LIGHT



The **LEDML140 MARKER LIGHT** is a 24VDC powered LED ARRAY (60 LED [light emitting diode]) Marker Light supplied in a surface mount bright clear anodised enclosure with an IP65 weatherproof rating.

FEATURES

- High intensity LED's with a 15 degree view angle
- Available in white
- Constant light of 110 Lux minimum at one metre
- Nominal 24VDC [18-36VDC]
- Low cost - High performance
- Application is for marker light on railway rolling stock

The LEDML140 marker light is an advanced instrument that have been designed and manufactured to stringent specifications.

The LEDML140 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 diode's (LED) with a light emission angle of 15 degrees for each LED. The led's 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: 24VDC active supply (flying lead marked with red heat shrink)
- Terminal 2: 0VDC supply (flying lead unmarked)
- Terminal 3: Ground supply (flying lead marked with green & yellow heat shrink)

Power Supply

- 24VDC (18-36VDC). Other voltages on request
- Current consumption is 30mA @ 24VDC
- The power supply input to the light is protected by a interference suppression circuit compliant with EN50121
- Reverse polarity protection (reverse connection will not cause any damage to the light).

Weight

- LEDML140 is 200grams.

Mounting Details

- Surface mounting bright clear anodised aluminium enclosure of case dimensions 140mm diameter by 88mm deep. The light is mounted using bracket # 101180, which has three mounting holes of 4mm on a 95mm PCD.

Ordering Information

- The part number is configured as.
- Model/input signal/display units/power supply/options.
- Sample number for white marker light: LEDML140/60/100/24VDC/W.

