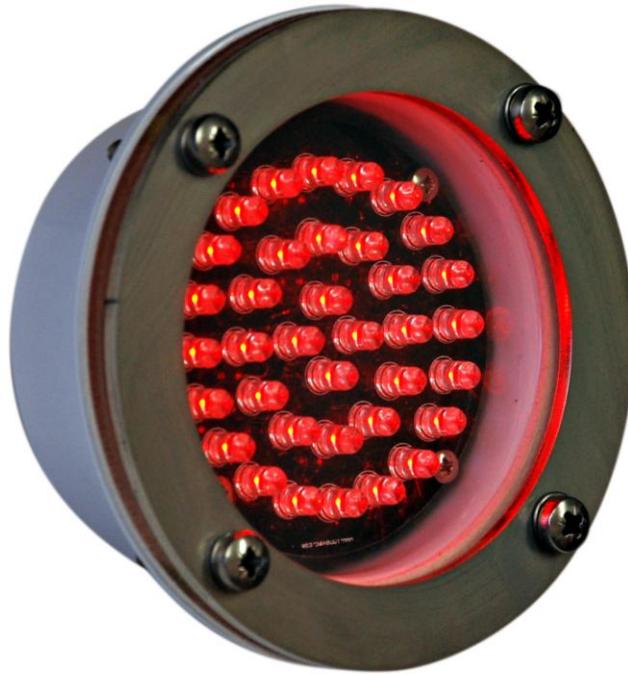


# INNOVEC

## CONTROLS PTY LTD

### INNOVEC LEDML36 MARKER LIGHT



**The LEDML36 MARKER LIGHT** is a 24VDC powered LED ARRAY (36 LED [light emitting diode]) Marker Light supplied in a panel mount enclosure with an IP65 weatherproof rating that has been chromate converted to Military Spec MIL-C-5541 Class 1A using a ROHS (European directive 2009/95/EC) compliant process. The enclosure is then powder coated appliance white.

#### FEATURES

- High intensity LED's with a 15 degree view angle
- Available in red and 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 LEDML36 marker light is an advanced instrument that have been designed and manufactured to stringent specifications. The LEDML36 is a Led array suitable for harsh and long life. It has been designed to be compliant with EN50155 and includes flying lead electrical connection.

## TECHNICAL SPECIFICATIONS

### Display

- An array of 36 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

- -40 to 70 degrees Celsius.
- 0-90% rh non-condensing.

### Connection Details

Supplied with Huber and Suhner Cable EN306-2 300V as flying leads

- Terminal 1: 24VDC active supply (marked with red heat shrink)
- Terminal 2: 0VDC supply (marked with black heat shrink)
- Terminal 3: Ground supply (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

### Weight

- LEDML36 is 325grams.

### Mounting Details

Supplied in a panel mount enclosure of case dimensions 110mm diameter by 40mm deep with an IP65 weatherproof rating that has been chromate converted to Military Spec MIL-C-5541 Class 1A using a ROHS (European directive 2009/95/EC) compliant process. The enclosure is then powder coated appliance white.

- The light incorporates a 4.5mm Makrolon polycarbonate window, 3mm stainless steel clamp ring, silicon foam gaskets and Sika Marine sealant. The light is mounted using 5mm x 25mm stainless steel pan head screws on a 97mm PCD.

### Ordering Information

- The part number is configured as.
- Model/input signal/display units/power supply/options.
- Sample number for white marker light: LEDML36/36/120/24VDC/R
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