

INNOVEC

CONTROLS PTY LTD

INNOVEC LEDMLER MARKER LIGHT



The LEDMLER MARKER LIGHT is a 20 – 80VDC powered LED ARRAY (36 LED [light emitting diode]) Marker Light supplied in a surface mount enclosure with an IP65 weatherproof rating that has been 3D Printed.

FEATURES

- It has a flange dimension of 110mm
- Body diameter of 90mm
- 3mm Makrolon clear polycarbonate window which is UV coated both sides
- It is protection class IP65
- An array of 36 LEDs in red or white
- 100 candela minimum output at one Metre per AS7531
- 55CM of 4GKWAX-1.5 + IP68 cable gland & 3 pole Wago connector set
- 22 to 80VDC supply
- 2 of 20 mm conduit entries

The LEDMLER Engine Room light is an advanced instrument that have been designed and manufactured to stringent specifications. The LEDMLER 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 4GKWAX-1.5 as flying leads

- Terminal 1: 20-80VDC 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

- 20 -80VDC supply. Other voltages on request
- Current consumption is 30mA @ 74VDC [2.2 watts]
- The power supply input to the light is protected by an interference suppression circuit compliant with EN50121
- Reverse polarity protection

Weight

- LEDMLER is 200grams.

Mounting Details

Supplied in a surface mount enclosure of case flange dimensions 110mm, body diameter of 90mm by 84mm deep with an IP65 weatherproof rating that has been.

- The light incorporates a 3mm Makrolon polycarbonate window.
- The light is mounted using 4 of 5mm x 16mm stainless steel pan head screws on a 90mm PCD.

Ordering Information

- The part number is configured as.
- Model/input signal/display units/power supply/options.
- Sample number for white marker light: LEDMLER/36/120/74VDC/W
- Sample number for white marker light: LEDMLER/36/120/74VDC/R

