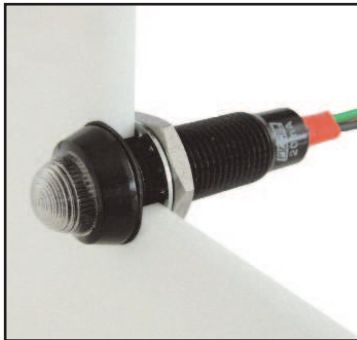


● PROFESSIONAL LED INDICATORS Ø8.1mm Mounting

## FEATURES



### 614 SERIES Tri-colour

PACK QUANTITY = 10 PIECES

- Black anodised aluminium housing
- Sealed to IP67
- Common cathode version available
- Colour coded flying lead terminations
- Internal reverse protection diode fitted as standard in all voltage models.
- This product is configured to work as a three colour option LED. Red, Green and Amber

## SPECIFICATION

Ordering Information & Typical Technical Characteristics (Ta = 25°C)

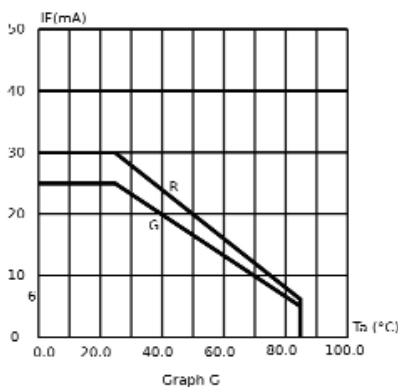
Mean Time Between Failure = 100,000 Hours. Luminous intensity figures refer to the unmodified discrete LED.

PART NUMBER	COLOUR	LENS	VOLTAGE DC (Vdc) Vopr	CURRENT DC (mA) Iopr	LUMINOUS INTENSITY Iv@20mA (mcd)	WAVE LENGTH λp (nm)	OPERATING TEMP ToPr	STORAGE TEMP Tstg	
<b>TRI-COLOUR STANDARD INTENSITY</b>									
614-538-04-35	Red/Green	Water Clear	2.0/2.2*	20/10	5/5	627/565	-40 ~ +85^	-40 ~ +85	Yes
614-538-20-35	Red/Green	Water Clear	5/6	20/10	5/5	627/565	-40 ~ +85^	-40 ~ +85	Yes
614-538-21-35	Red/Green	Water Clear	12	19/9	5/5	627/565	-40 ~ +85^	-40 ~ +85	Yes
614-538-22-35	Red/Green	Water Clear	24	13/7	5/5	627/565	-40 ~ +85^	-40 ~ +85	Yes
<b>UNITS</b>			<b>Vdc</b>	<b>mA</b>	<b>mcd</b>	<b>nm</b>	<b>°C</b>	<b>°C</b>	



Please note there are two LED die built into these units allowing the colour options as detailed above. Please contact our sales department for further details of other available options.

\* = Voltage DC for 20mA product if Vf@20mA, not Vopr.



^ = Products must be de-rated according to the derating information.

### How to Order:

website: [www.marl.co.uk](http://www.marl.co.uk) • email: [sales@marl.co.uk](mailto:sales@marl.co.uk) •

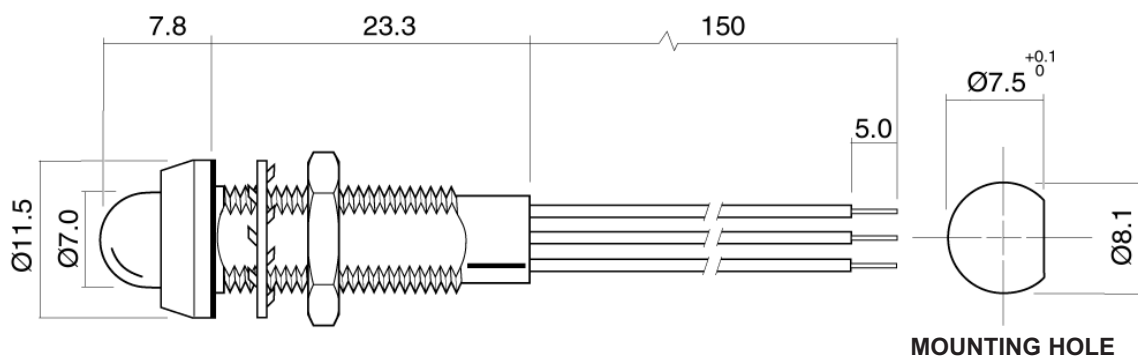
• Telephone +44 (0)1229 582430 • Fax: +44 (0)1229 585155

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### 614 Series



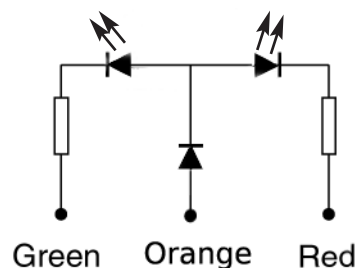
Dimensions in mm (Typical)  
Not to scale

Red wire denotes red cathode, green wire denotes green cathode. Centre wire is common anode orange.

#### MATERIALS

#### CIRCUIT DIAGRAM

Body	Black Anodised Aluminium
Nut	Bright Nickel Plated Brass
Panel Seal	Viton
Lens	Polycarbonate
Encapsulation	PC5430 Resin
Lock Washer	Spring Steel



#### TECHNICAL CHARACTERISTICS

SERIES	MAXIMUM POWER DISSIPATION	PANEL CUTOUT	NUT MOUNTING TORQUE	MINIMUM MOUNTING CENTRES	MIN/MAX. PANEL THICKNESS
614	700	8.1	0.6	x,y = 14.5	1.5-13.0
UNITS	mW	Vdc	Nm	mm	mm

#### CONNECTION OPTIONS

- Red LED option - Red wire termination cathode
- Green LED option - Green wire termination cathode
- Amber LED option - Red and Green wire termination cathode
- Orange wire termination anode

website: [www.marl.co.uk](http://www.marl.co.uk) • email: [sales@marl.co.uk](mailto:sales@marl.co.uk) •

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