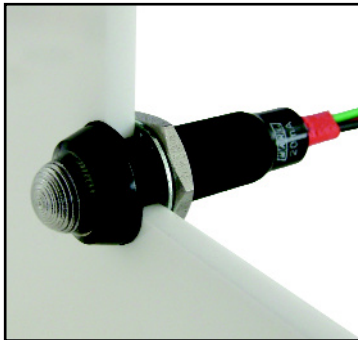


● PROFESSIONAL LED INDICATORS Ø8.1mm Mounting

FEATURES



614 SERIES Tri-colour

PACK QUANTITY = 10 PIECES

- Black anodised aluminium housing
- Sealed to IP67
- Common anode 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)

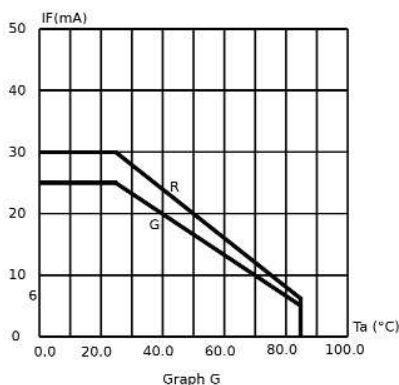
Mean Time Between Failure = 100,000 Hours. Luminous intensity figures refer to the unmodified discrete LED.

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	
TRI-COLOUR STANDARD INTENSITY									
614-535-04-35	Red/Green	Water Clear	2.0/2.2*	20/10	5/5	627/565	-40 ~ +85^	-40 ~ +85	Yes
614-535-20-35	Red/Green	Water Clear	5/6	20/10	5/5	627/565	-40 ~ +85^	-40 ~ +85	Yes
614-535-21-35	Red/Green	Water Clear	12	19/9	5/5	627/565	-40 ~ +85^	-40 ~ +85	Yes
614-535-22-35	Red/Green	Water Clear	24	13/7	5/5	627/565	-40 ~ +85^	-40 ~ +85	Yes
UNITS			Vdc	mA	mcd	nm	°C	°C	



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 • email: sales@marl.co.uk •

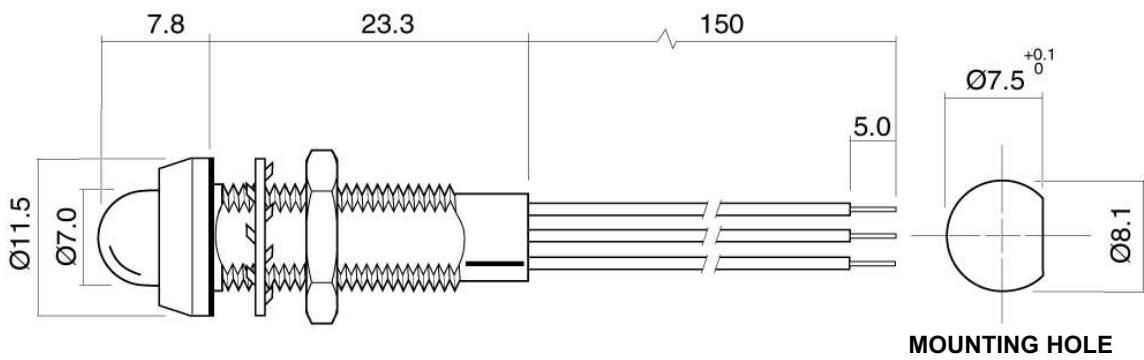
• Telephone +44 (0)1229 582430 • Fax: +44 (0)1229 585155

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614 Series



Dimensions in mm (Typical)
Not to scale

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

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

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