

● PROFESSIONAL LED INDICATORS Ø8.1mm Mounting

## FEATURES



### 614 SERIES Bi-colour

PACK QUANTITY = 10 PIECES

- Black anodised aluminium housing
- Sealed to IP67
- Flying lead terminations available on the Bi-colour
- Dual state LED indicator saves panel space and reduces assembly time.

## 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>BI-COLOUR STANDARD INTENSITY</b>									
614-530-04	Red/Green	Water Clear	2.0/2.2	20	30/20	627/565	-40 ~ +85 <sup>^</sup>	-50 ~ +100	Yes
614-530-20	Red/Green	Water Clear	5/6	15/20	30/20	627/565	-40 ~ +85 <sup>^</sup>	-50 ~ +100	Yes
614-530-21	Red/Green	Water Clear	12	20	30/20	627/565	-40 ~ +85 <sup>^</sup>	-50 ~ +100	Yes
614-530-23	Red/Green	Water Clear	24-28	20	30/20	627/565	-40 ~ +85 <sup>^</sup>	-50 ~ +100	Yes
<b>UNITS</b>			<b>Vdc</b>	<b>mA</b>	<b>mcd</b>	<b>nm</b>	<b>°C</b>	<b>°C</b>	

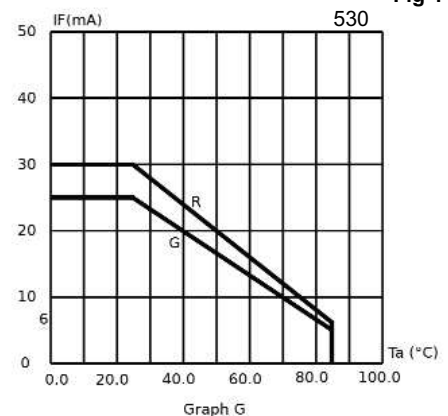


Other voltages AC/DC available. Please contact our Technical Sales.

<sup>^</sup> = Products must be derated according to the derating information -

Refer to Fig 1

Fig 1



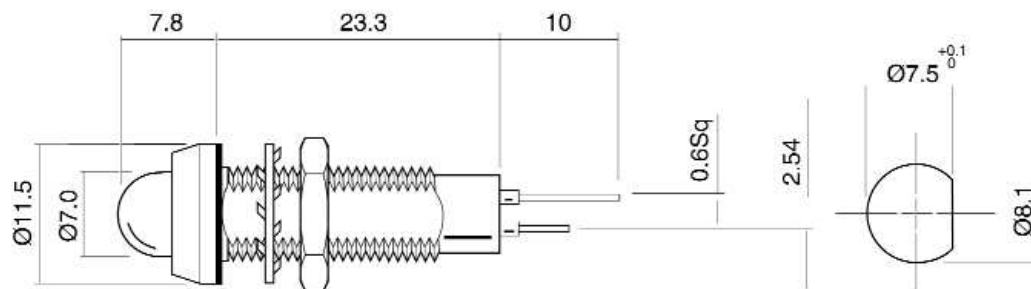
### How to Order:

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



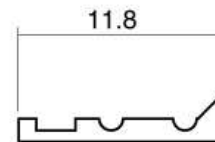
Dimensions in mm (Typical)  
Not to scale

Anode termination indicated by long pin.  
Mounting hole to be clean and burr free.

#### MATERIALS

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

#### PUSH-ON CONNECTORS



909-000-00 is gold plated.  
910-000-00 is tin plated  
For use with 614 (Bi-colour)  
series lamps.

Dimensions in mm (Typical)  
Not to scale

#### TECHNICAL CHARACTERISTICS

SERIES	MAXIMUM POWER DISSIPATION	PANEL CUTOUT	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	mm	Nm	mm	mm

#### OPTIONAL FLYING LEAD TERMINATIONS

ORDER CODE SUFFIX	SUPPLY VOLTAGE	WIRE COLOUR	WIRE LENGTH	NO/DIAMETER OF CONDUCTORS	DIAMETER OVER INSULATION	COMMENTS
15	DC Products	Red-anode / Black-cathode	150mm	19/0.15mm	1.2mm	Customised lengths available
19	DC Products	Red-anode / Black-cathode	1000mm			

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Approved Manufacturer