

## PROFESSIONAL LED INDICATORS Ø12.7mm Mounting

## FEATURES



## 532 SERIES

PACK QUANTITY = 10 PIECES

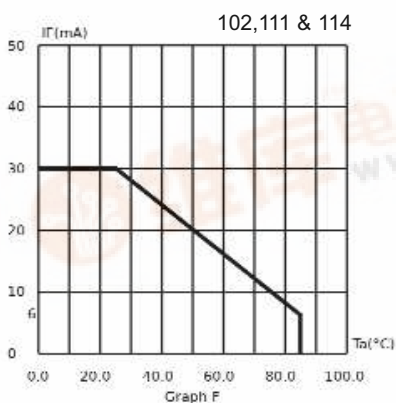
- Each product will operate over a wide voltage input range
- Robust stainless steel housing
- 180° viewing angle
- Full internal potting to resist shock and vibration
- Sealed to IP67
- True Bi-polar product

## SPECIFICATIONS

Ordering Information &amp; 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	RoHS 2002/95/EC
HIGH INTENSITY									
532-102-63	Red (GaAlAs)	Colour Diffused	12-28	6-16	450	660	-40 ~ +85 <sup>^</sup>	-40 ~ +85	Yes
532-111-63	Yellow	Colour Diffused	12-28	8-20	50	590	-40 ~ +85 <sup>^</sup>	-40 ~ +85	Yes
532-114-63	Green	Colour Diffused	12-28	8-20	60	565	-40 ~ +85 <sup>^</sup>	-40 ~ +85	Yes
532-102-75	Red (GaAlAs)	Colour Diffused	110Vac	6	450	660	-40 ~ +85 <sup>^</sup>	-40 ~ +85	Yes
532-111-75	Yellow	Colour Diffused	110Vac	6	50	590	-40 ~ +85 <sup>^</sup>	-40 ~ +85	Yes
532-114-75	Green	Colour Diffused	110Vac	6	60	565	-40 ~ +85 <sup>^</sup>	-40 ~ +85	Yes
UNITS			Vac/Vdc	mA	mcd	nm	°C	°C	



<sup>^</sup> = Products must be derated according to the derating information. Each derating graph refers to specific LEDs.

## How to Order:

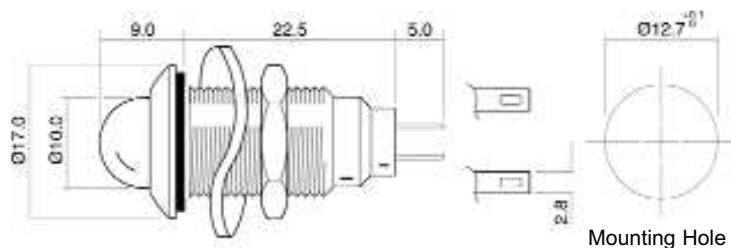
website: [www.marl.co.uk](http://www.marl.co.uk) • email: [sales@marl.co.uk](mailto:sales@marl.co.uk) •

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

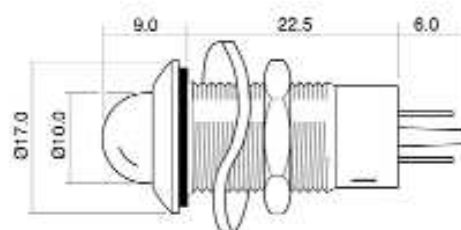
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## 532 Series

20mA to 48Vac/dc



All other voltages



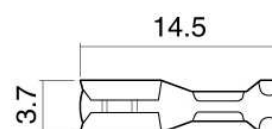
Dimensions in mm (Typical)  
Not to scale

Mounting hole to be clean and burr free

## MATERIALS

Body	Stainless steel grade 316
Nut	Stainless steel grade 316
Panel Seal	Viton
Termination	Copper with silver flash finish
Lock Washer	Stainless steel
Fresnel lens	Polycarbonate
Encapsulation	PC5430 resin
Header	Nylon 6 A82

## PUSH-ON CONNECTORS



925-000-00 is brass tin plated.  
For use with 532 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	
532	825	12.7	1.0	X,Y=19.5	1.5-8.0	
UNITS	mw	mm	Nm	mm	mm	

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Approved Manufacturer