

● PROFESSIONAL LED INDICATORS Ø6.1mm Mounting

FEATURES



520 SERIES











PACK QUANTITY = 10 PIECES

- Robust stainless steel housing
- Counter sunk mounting for flush styling, sunlight readable LEDs
- Sealed to IP67
- Vandal Resistant
- Internal reverse protection diode fitted as standard in all voltage models.

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	
HIGH INTENSITY									
520-301-21	Red 	Colour Diffused	12	20	850	660	-40 ~ +95^	-40 ~ +100	Yes
520-325-21	Yellow 	Colour Diffused	12	20	4400	590	-40 ~ +95^	-40 ~ +100	Yes
520-324-21	Green 	Colour Diffused	12	20	3400	525	-40 ~ +95^	-40 ~ +100	Yes
520-934-21	Blue 	Colour Diffused	12	20	1000	470	-40 ~ +95^	-40 ~ +100	Yes
520-998-21	Cool White 	Colour Diffused	12	20	2000	*	-40 ~ +95^	-40 ~ +100	Yes
520-301-23	Red 	Colour Diffused	24-28	20	850	660	-40 ~ +95^	-40 ~ +100	Yes
520-325-23	Yellow 	Colour Diffused	24-28	20	4400	590	-40 ~ +95^	-40 ~ +100	Yes
520-324-23	Green 	Colour Diffused	24-28	20	3400	525	-40 ~ +95^	-40 ~ +100	Yes
520-934-23	Blue 	Colour Diffused	24-28	20	1000	470	-40 ~ +95^	-40 ~ +100	Yes
520-998-23	Cool White 	Colour Diffused	24-28	20	2000	*	-40 ~ +95^	-40 ~ +100	Yes
UNITS			Vdc	mA	mcd	nm	°C	°C	



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

* = Typical emission colour: cool white x=0.31, y=0.32

Intensities (Iv) and colour shades of white (x,y co-ordinates) may vary between LEDs within a batch.

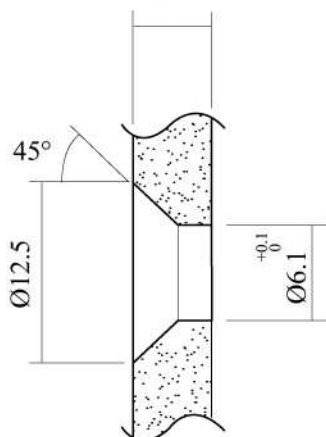
How to Order:

website: www.marl.co.uk • email: sales@marl.co.uk • webstore: www.leds.co.uk

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

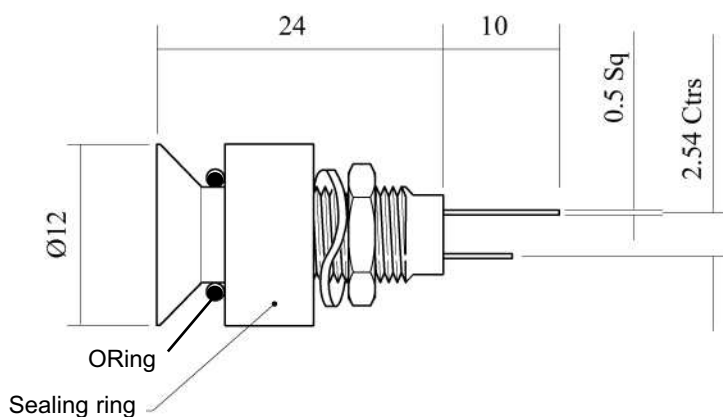
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520 Series



Panel and Mounting Hole

Dimensions in mm (Typical)
Not to scale

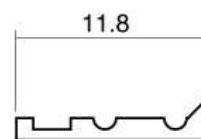


ORing and sealing ring positioned on inside of panel
Anode termination indicated by longer lead
Mounting hole to be clean and burr free

MATERIALS

Body	Stainless steel grade 303
Nut	Stainless steel grade 303
Sealing Ring	Stainless steel grade 303
Panel Seal	Nitrile
Termination	Phosphor bronze with tin on nickel finish
Lock Washer	Stainless steel
Fresnel lens	Polycarbonate
Encapsulation	PC5430 resin

PUSH-ON CONNECTORS



909-000-00 is gold plated
910-000-00 is tin plated
For use with 520 series lamps

Dimensions in mm (Typical)
Not to scale

TECHNICAL CHARACTERISTICS

SERIES	MAXIMUM POWER DISSIPATION	MAXIMUM REVERSE VOLTAGE	PANEL CUTOUT	MOUNTING TORQUE	MINIMUM MOUNTING CENTRES	MIN/MAX. PANEL THICKNESS
520	500	1000	6.1	0.65	x,y=15	3.0-6.5
	mw	Vdc	mm	Nm	mm	mm

OPTIONAL FLYING LEADS 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
15	AC Products	Brown-live / Blue-neutral	150mm			
19	DC Products	Red-anode / Black-cathode	1000mm			
19	AC Products	Brown-live / Blue-neutral	1000mm			

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