

● PROFESSIONAL LED INDICATORS Ø12.7mm Mounting

FEATURES



538 SERIES

PACK QUANTITY = 10 PIECES

- Each product will operate over a wide voltage input range
- Robust stainless steel housing
- Full internal potting to resist shock and vibration
- Sealed to IP67
- Fitted with an internal diode to provide reverse voltage protection to 1000Vdc

SPECIFICATIONS

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									
538-501-63	Red ●	Colour Diffused	12-28	8-20	11000	643	-40 ~ +95 [^]	-40 ~ +100	Yes
538-521-63	Yellow ●	Colour Diffused	12-28	8-20	16000	591	-40 ~ +95 [^]	-40 ~ +100	Yes
538-532-63	Green ●	Colour Diffused	12-28	8-20	23000	527	-40 ~ +95 [^]	-40 ~ +100	Yes
538-930-63	Blue ●	Colour Diffused	12-28	8-20	7000	470	-40 ~ +95 [^]	-40 ~ +100	Yes
538-997-63	Cool White ●	Colour Diffused	12-28	8-20	14000	*see below	-40 ~ +95 [^]	-40 ~ +100	Yes
538-501-75	Red ●	Colour Diffused	110Vac	6	11000	643	-40 ~ +95 [^]	-40 ~ +100	Yes
538-521-75	Yellow ●	Colour Diffused	110Vac	6	16000	591	-40 ~ +95 [^]	-40 ~ +100	Yes
538-532-75	Green ●	Colour Diffused	110Vac	6	23000	527	-40 ~ +95 [^]	-40 ~ +100	Yes
538-930-75	Blue ●	Colour Diffused	110Vac	6	7000	470	-40 ~ +95 [^]	-40 ~ +100	Yes
538-997-75	Cool White ●	Colour Diffused	110Vac	6	14000	*see below	-40 ~ +95 [^]	-40 ~ +100	Yes
UNITS			Vdc	mA	mcd	nm	°C	°C	

[^] = Products must be derated according to the derating information. Each derating graph refers to specific LEDs. Refer to page 3.

997F-C	*Typical emission colour cool white			
x	0.245	0.361	0.356	0.264
y	0.229	0.385	0.351	0.220

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 •

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

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