

PROFESSIONAL LED INDICATORS Ø12.7mm Mounting

## 695 SERIES

- PACK QUANTITY = 10 PIECES
- **Natural Anodised Aluminium**
- Low profile styling, sunlight readable LEDs
- Sealed to IP67
- Flying lead terminations available
- Suitable for high vibration applications
- Internal reverse protection diode fitted as standard in all voltage models.

**FEATURES** 

### **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	VOLTAGI DC (Vdc) Vopr		LUMINOUS INTENSITY Iv@20mA (mcd)	WAVE LENGTH λp (nm)	OPERATING TEMP Topr	STORAGE TEMP Tstg	RoHS
	HIGH INTENSITY								
695-501-21	Red	Smok	ed 12	20	11000	643	-40 ~ +95^	-40 ~ +100	Yes
695-521-21	Yellow	Smok	ed 12	20	16000	591	-40 ~ +95^	-40 ~ +100	Yes
695-532-21	Green	Smok	ed 12	20	23000	527	-40 ~ +95^	-40 ~ +100	Yes
695-930-21	Blue	Smok	ed 12	20	7000	470	-40 ~ +95^	-40 ~ +100	Yes
695-997-21	Cool White	Smok	ed 12	20	14000	*see below	-40 ~ +95^	-40 ~ +100	Yes
695-501-23	Red	Smok	ed 24-28	20	11000	643	-40 ~ +95^	-40 ~ +100	Yes
695-521-23	Yellow	Smok	ed 24-28	20	16000	591	-40 ~ +95^	-40 ~ +100	Yes
695-532-23	Green	Smok	ed 24-28	20	23000	527	-40 ~ +95^	-40 ~ +100	Yes
695-930-23	Blue	Smok	ed 24-28	20	7000	470	-40 ~ +95^	-40 ~ +100	Yes
695-997-23	Cool White	Smok	ed 24-28	20	14000	*see below	-40 ~ +95^	-40 ~ +100	Yes
UNITS			Vdc	mA	mcd	nm	°C	°C	

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

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

997F-C	*Typical emission colour cool white						
х	0.245	0.361	0.356	0.264			
У	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:

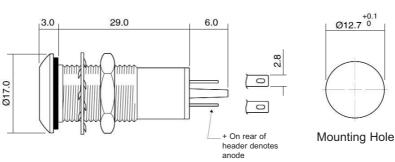
website: www.marl.co.uk • email: sales@marl.co.uk •

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

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# 695 Series



Dimensions in mm (Typical) Not to scale Mounting hole to be clean and burr free

**MATERIALS PUSH-ON CONNECTORS** Natural anodised aluminium Body Nut Natural anodised aluminium 14.5 Panel Seal Termination Brass to BS2874 CZ108 copper flash undercoat with silver flash finish Lock Washer Spring Steel Fresnel lens Polycarbonate Encapsulation PC5430 resin Dimensions in mm (Typical) 925-000-00 is brass tin plated. Header Nylon 6 A82 Not to scale For use with 695 series lamps.

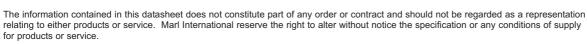
#### TECHNICAL CHARACTERISTICS

SERIES	MAXIMUM POWER DISSIPATION	MAXIMUM REVERSE VOLTAGE	PANEL CUTOUT	NUT MOUNTING TORQUE	MINIMUM MOUNTING CENTRES	MIN/MAX. PANEL THICKNESS
695	825	1000	12.7	1.0	19.5	2.0-10.0
	mw	Vdc	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				
15	AC Products	Brown-live / Blue-neutral	150mm	19/0.15mm	4.0	Customised	
19	DC Products	Red-anode / Black-cathode	1000mm	19/0.15mm	1.2mm	lengths available	
19	AC Products	Brown-live / Blue-neutral	1000mm				

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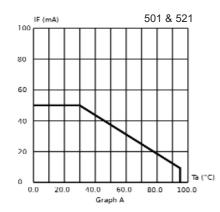
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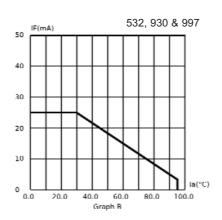






### **DERATING INFORMATION**





PART NO.	COLOUR	VOLTAGE DC
		(Vdc) Vopr
695-501-20-15	Red	5/6Vdc
695-501-22-52	Red	24Vdc
695-501-25-50	Red	110Vdc
695-501-25-51	Red	110Vdc
695-501-25-52	Red	110Vdc
695-501-42	Red	15Vdc
695-501-58	Red	70Vdc
695-501-72	Red	24Vac
695-501-74	Red	48Vac
695-509-22	Yellow	24Vdc
695-509-75	Yellow	110Vac
695-521-22-51	Yellow	24Vdc
695-521-25-50	Yellow	110Vdc
695-521-25-52	Yellow	110Vdc
695-521-58	Yellow	70Vdc
695-521-58-19	Yellow	70Vdc
UNITS		

PART NO.	COLOUR	VOLTAGE DC
		(Vdc) Vopr
695-521-72	Yellow	24Vac
695-521-74	Yellow	48Vac
695-532-25-50	Green	110Vdc
695-532-25-52	Green	110Vdc
695-532-58	Green	70Vdc
695-532-58-19	Green	70Vdc
695-906-75	Yellow	110Vac
695-930-20-15	Blue	5/6Vdc
695-930-25-50	Blue	110Vdc
695-930-52-50	Blue	5Vdc
695-930-76	Blue	230Vac
695-997-72	White	24Vac
695-997-74	White	48Vac
695-997-76	White	230Vac
UNITS		

The products listed above illustrate all of the options available to order. These products may have custom modifications that alter their operation beyond the generic information contained within this datasheet. Please contact sales for further information.

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