

PROFESSIONAL LED INDICATORS Ø8.1mm Mounting



677 SERIES

PACK QUANTITY = 10 PIECES

FEATURES

- Black anodised aluminium housing
- Sealed to IP67
- Wide viewing angle
- Suitable for high vibration applications
- Internal reverse protection diode fitted as standard in all voltage models.
- Smoked lens for good on/off contrast ratio

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) lopr	LUMINOUS INTENSITY Iv@20mA (mcd)	WAVE LENGTH λp (nm)	OPERATING TEMP Topr	STORAGE TEMP Tstg	RoHS
			HI	GH INTE	NSITY				
677-501-21	Red	Smoked	12	20	11000	643	-40 ~ +95^	-40 ~ +100	Yes
677-521-21	Yellow	Smoked	12	20	16000	591	-40 ~ +95^	-40 ~ +100	Yes
677-532-21	Green	Smoked	12	20	23000	527	-40 ~ +95^	-40 ~ +100	Yes
677-930-21	Blue	Smoked	12	20	7000	470	-40 ~ +95^	-40 ~ +100	Yes
677-997-21	Cool White	Smoked	12	20	14000	see below	-40 ~ +95^	-40 ~ +100	Yes
677-501-23	Red	Smoked	24-28	20	11000	643	-40 ~ +95^	-40 ~ +100	Yes
677-521-23	Yellow	Smoked	24-28	20	16000	591	-40 ~ +95^	-40 ~ +100	Yes
677-532-23	Green	Smoked	24-28	20	23000	527	-40 ~ +95^	-40 ~ +100	Yes
677-930-23	Blue	Smoked	24-28	20	7000	470	-40 ~ +95^	-40 ~ +100	Yes
677-997-23	Cool White	Smoked	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			on colou	r cool white	Intensities (Iv) and colour shades of white (x,y co-ordinates) may vary between LEDs within
х	0.245	0.361	0.356	0.264	a batch.
у	0.229	0.385	0.351	0.220	

How to Order:

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

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

The information contained in this datasheet does not constitute part of any order or contract and should not be regarded as a representation relating to either products or service. Marl International reserve the right to alter without notice the specification or any conditions of supply for products or service.

SAMPLES AVAILABLE



677 Series 3.7 23.3 6.0 7.5 0 Ø11.5 1.0+ Ø7.0 2.8 Ø8. aaaaa C MOUNTING HOLE Dimensions in mm (Typical) Anode termination indicated by red sleeve Not to scale Mounting hole to be clean and burr free

	MATERIALS	PUSH-ON CONNECTORS			
Body	Black Anodised Aluminium				
Nut	Bright Nickel Plated Brass	14.5			
Panel Seal	Viton				
Termination Tags	Silver Flash Coated Brass	3.7			
Fresnel lens	Polycarbonate				
Encapsulation	PC5430 Resin	925-000-00 is brass tin plated. Dimensions in mm (Typical)			
Lock Washer	Spring Steel	For use with 677 series lamps. Not to scale			

TECHNICAL	CHARACTERISTICS

SERIES	MAXIMUM POWER DISSIPATION	MAXIMUM REVERSE VOLTAGE	PANEL CUTOUT	NUT MOUNTING TORQUE	MINIMUM MOUNTING CENTRES	MIN/MAX. PANEL THICKNESS
677	700	3* / 1000•	8.1	0.6	x,y = 14.5	1.5-13.0
UNITS	mW	Vdc	mm	Nm	mm	mm

* = Current Version • = Voltage Version

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	10/0 15	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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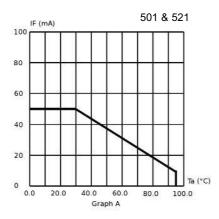


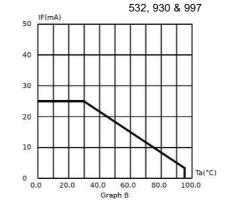
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DERATING INFORMATION





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