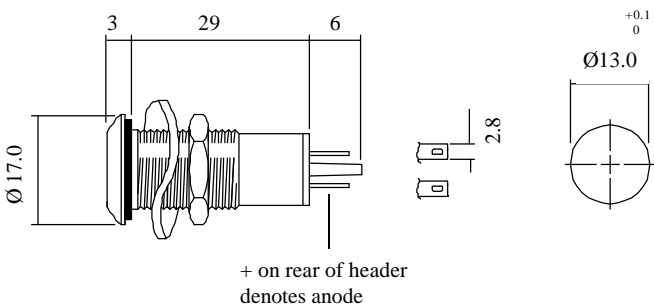


## New Product Information

Professional LED Indicator		Ø 13mm Mounting																	
<div><p>Dimensions in mm (typical) Not to Scale</p></div>		<ul style="list-style-type: none"><li>• Robust stainless steel housing for operation in harsh environments</li><li>• Flying Lead Options available</li><li>• Low Profile Styling</li><li>• Ingress Protection to IP67</li><li>• Sunlight Visible</li><li>• Ideal for Medical and Catering Applications</li></ul>																	
528 Series																			
Mean Time Between Failure 100,000 Hours		Operating Temperature Range: -40 to +60 °C Storage Temperature Range: -50 to +100 °C																	
Order Code : 528 – 501 – 22																			
<div>Series Options :  528</div>	<div>LED Options : Code – LED Colour / Intensity @ 20 mA</div> <table><tr><td>501 – Red 660nm</td><td>2750 mcd</td></tr><tr><td>521 – Yellow 590nm</td><td>4800 mcd</td></tr><tr><td>532 – Green 525nm</td><td>6000 mcd</td></tr><tr><td>930 – Blue 470nm</td><td>2000 mcd</td></tr><tr><td>997 – White*</td><td>4000 mcd</td></tr></table> <div>Intensity figures are typical and apply to discrete LED (non flat-topped)     Package power dissipation (max) 825mW</div>	501 – Red 660nm	2750 mcd	521 – Yellow 590nm	4800 mcd	532 – Green 525nm	6000 mcd	930 – Blue 470nm	2000 mcd	997 – White*	4000 mcd	<div>Voltage Options : Code – Voltage / Current</div> <table><tr><td>21 – 12 Vdc @ 20mA</td></tr><tr><td>22 – 24 Vdc @ 20mA</td></tr><tr><td>23 – 28 Vdc @ 17mA</td></tr><tr><td>24 – 48 Vdc @ 10mA</td></tr><tr><td>75 – 110 Vac @ 7mA</td></tr><tr><td>76 – 230 Vac @ 3mA</td></tr></table>		21 – 12 Vdc @ 20mA	22 – 24 Vdc @ 20mA	23 – 28 Vdc @ 17mA	24 – 48 Vdc @ 10mA	75 – 110 Vac @ 7mA	76 – 230 Vac @ 3mA
501 – Red 660nm	2750 mcd																		
521 – Yellow 590nm	4800 mcd																		
532 – Green 525nm	6000 mcd																		
930 – Blue 470nm	2000 mcd																		
997 – White*	4000 mcd																		
21 – 12 Vdc @ 20mA																			
22 – 24 Vdc @ 20mA																			
23 – 28 Vdc @ 17mA																			
24 – 48 Vdc @ 10mA																			
75 – 110 Vac @ 7mA																			
76 – 230 Vac @ 3mA																			
<div>Materials :</div> <div>Lock Washer: Stainless Steel Encapsulation: Alumina Filled Epoxy Termination: Silver Plated Brass Body / Nut: Stainless Steel 316 Termination Insulator: Nylon 6 Panel Washer: Viton Lens: Shatterproof Polycarbonate</div>	<div>Technical Information :</div> <div>Min. Clearance Behind Panel: 60mm Mounting Hole: Ø13.0mm Min. Mounting Centres: 26mm Min/Max Panel Thickness: 2mm/10mm Mounting Torque: 1.0Nm Max. Reverse Voltage: 1000 Vdc</div>	<div>* Typical emission colour: x=0.31, y=0.32 Colour temperature 8000K Intensities (Iv) and colour shades of white (x,y co-ordinates) may vary between LEDs within a batch</div>																	
<div>Marl International Limited Ulverston, Cumbria. LA12 7RY England Tel : + 44 (0) 1229 582430    Fax : + 44 (0) 1229 585155 E-mail : sales@marl.co.uk    Website : www.marl.co.uk</div>																			

**The company's services are recognised to the Internationally recognised quality standard BS EN ISO9001 : 1994**

The information above does not constitute part of any order or contract and should not be regarded as a representation relating to either products or service. No responsibility can be assumed for inaccuracies or printing errors. Marl International Ltd. reserve the right to alter without notice the specification or any condition of supply for products or service.