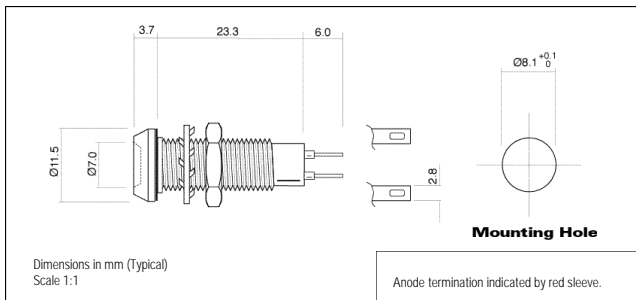


● PROFESSIONAL LED INDICATORS - Ø 8.1mm Mounting



- Bright nickel plated brass housing
- Water clear & smoked lens options
- Domed lens available
- Sealed to IP67



507 SERIES

MLQ = 10



Ordering Information & Typical Technical Characteristics (Ta = 25°C)

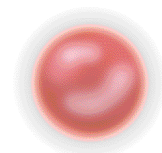
Mean Time Between Failure = 100,000 Hours. Luminous intensity figures refer to the unmodified discrete LED.

PART NUMBER	COLOUR	LENS	VOLTAGE DC Vopr	CURRENT DC Iopr	LUMINOUS INTENSITY Iv@20mA	WAVE LENGTH p	VIEWING ANGLE	OPERATING TEMP Topr	STORAGE TEMP Tstg
<b>STANDARD INTENSITY</b>									
507-503-04	Red	Coloured Diffused	2.0*	20	110	625	Wide	-20 ~ +60	-30 ~ +85
507-509-04	Yellow		2.1*	20	32	575			
507-512-04	Green		2.2*	20	50	565			
507-503-22	Red		24	20	110	625			
507-509-22	Yellow		24	20	32	575			
507-512-22	Green		24	20	50	565			
<b>HIGH INTENSITY</b>									
507-501-04	Red	Coloured Diffused	1.9*	20	2750	660	Wide	-20 ~ +60	-30 ~ +85
507-521-04	Yellow		2.0*	20	4500	590			
507-532-04	Green		3.4*	20	6000	525			
507-930-04	Blue		3.4*	20	2000	470			
507-997-04	White		3.4*	20	3000	•			
507-501-22	Red		24	20	2750	660			
507-521-22	Yellow		24	20	4500	590			
507-532-22	Green		24	20	6000	525			
507-930-22	Blue		24	20	2000	470			
507-997-22	White		24	20	3000	•			
<b>UNITS</b>			<b>Vdc</b>	<b>mA</b>	<b>mcd</b>	<b>nm</b>		<b>°C</b>	<b>°C</b>

\* = Voltage DC for 20mA product is Vf@20mA, not Vopr

• = 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.

Please note - This product is also available from 20mA up to 150Vac/Vdc. Please contact our Sales department for further details.



● ISO 9001: 1994 APPROVED

**Making Light Work For You!**

<p><b>Industrial Panel Mounting LED Indicator</b></p> <p>Dimensions in mm (Typical) Not to Scale</p> <p>* Red Sleeve Denotes Anode Termination</p>	<p style="text-align: right;"><b>Ø8.1mm Mounting Hole</b></p> <ul style="list-style-type: none"> <li>• High Intensity, Sunlight Readable LEDs</li> <li>• Range of Colours &amp; Voltages available</li> <li>• Fully potted internally to protect from vibration, shock and water ingress</li> <li>• Brass body for safe use in hazardous areas</li> <li>• Sealed to IP67</li> </ul>
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**507 / 508 Series**

Mean Time Between Failure 90,000 Hours

Operating Temperature Range: -20 to +60°C

Storage Temperature Range: -30 to +85°C

Order Code : **507 – 501 – 04**

<p><b>Series Options :</b></p> <p><b>507</b> – Coloured Diffused Lens</p> <p><b>508</b> – Smoked Lens</p>	<p><b>LED Options :</b> Code – LED Colour / Intensity @ 20 mA</p> <table style="width:100%;"> <tr><td><b>501</b> – Red 660nm</td><td>2750 mcd</td></tr> <tr><td><b>521</b> – Yellow 590nm</td><td>4800 mcd</td></tr> <tr><td><b>532</b> – Green 525nm</td><td>6000 mcd</td></tr> <tr><td><b>930</b> – Blue 470nm</td><td>2000 mcd</td></tr> <tr><td><b>997</b> – White *</td><td>4000 mcd</td></tr> </table> <p>Intensity figures are typical and apply to discrete LED Package power dissipation (max) 700mW</p>	<b>501</b> – Red 660nm	2750 mcd	<b>521</b> – Yellow 590nm	4800 mcd	<b>532</b> – Green 525nm	6000 mcd	<b>930</b> – Blue 470nm	2000 mcd	<b>997</b> – White *	4000 mcd	<p><b>Voltage Options :</b> Code – Voltage / Current</p> <p><b>04</b> – 20mA</p> <p><b>20</b> – 5/6 Vdc @ 15/20mA</p> <p><b>21</b> – 12 Vdc @ 20mA</p> <p><b>22</b> – 24 Vdc @ 20mA</p> <p><b>23</b> – 28 Vdc @ 20mA</p> <p><b>24</b> – 48 Vdc @ 14mA</p>
<b>501</b> – Red 660nm	2750 mcd											
<b>521</b> – Yellow 590nm	4800 mcd											
<b>532</b> – Green 525nm	6000 mcd											
<b>930</b> – Blue 470nm	2000 mcd											
<b>997</b> – White *	4000 mcd											

**Materials :**

Body and Nut: Bright Nickel Plated Brass  
 Lens: Polycarbonate  
 Termination: Silver Plated Brass 2.8mm Flat Tags  
 Panel Seal: Fluoroelastomer  
 Lockwasher: Zinc Plated Steel  
 Encapsulation: Alumina Filled Epoxy

**Technical Information:**

Panel Cutout: 8.1mm  
 Min. Mounting Centres: x,y = 14.5mm  
 Min/Max Panel Thickness: 1.5-13.0mm  
 Mounting Torque: 0.65Nm  
 Max. Reverse Voltage: 3Vdc (20mA versions)  
 IP Rating: 67

\* Typical emission colour:  
 x=0.31, y=0.32  
 Colour temperature 8000K  
 Intensities (Iv) and colour shades of white (x,y coordinates) may vary between LEDs within a

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**The company's services are recognised to the Internationally recognised quality standard BS EN ISO9001:2000**

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