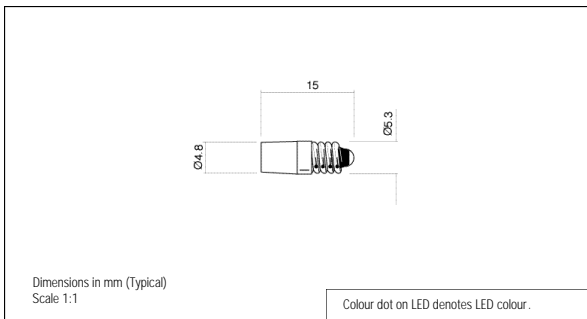
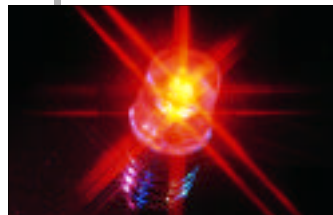


**FILAMENT REPLACEMENT LEDs - T1 3/4**



- Direct Replacement for T1 3/4 LES E5
- Reverse polarity options
- Centre contact, anode as standard



212 SERIES

MLQ = 20



LEDs

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>HIGH INTENSITY</b>									
212-501-04-38	Red	Water Clear	1.9*	20	2750	660	Wide	-40 ~ +80	-40 ~ +80
212-521-04-38	Yellow		2.1*	20	4500	590			
212-532-04-38	Green		3.4*	20	6000	525			
212-930-04-38	Blue		3.4*	20	2000	470			
212-997-04-38	White		3.4*	20	3000	•			
212-501-20-38	Red		5/6	16	2750	660			
212-521-20-38	Yellow		5/6	15	4500	590			
212-532-20-38	Green		5/6	14	6000	525			
212-930-20-38	Blue		5/6	14	2000	470			
212-997-20-38	White		5/6	14	3000	•			
212-501-21-38	red		12	20	2750	660			
212-521-21-38	Yellow		12	20	4500	590			
212-532-21-38	Green		12	20	6000	525			
212-930-21-38	Blue		12	20	2000	470			
212-997-21-38	White		12	20	3000	•			
<b>UNITS</b>				<b>Vdc</b>	<b>mA</b>	<b>mcd</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 (x,y co-ordinates) may vary between LEDs within a batch.

Please note - This product is also available at 24, 28 and 48Vdc. Please contact our Sales department for further details.



ISO 9001: 1994 APPROVED