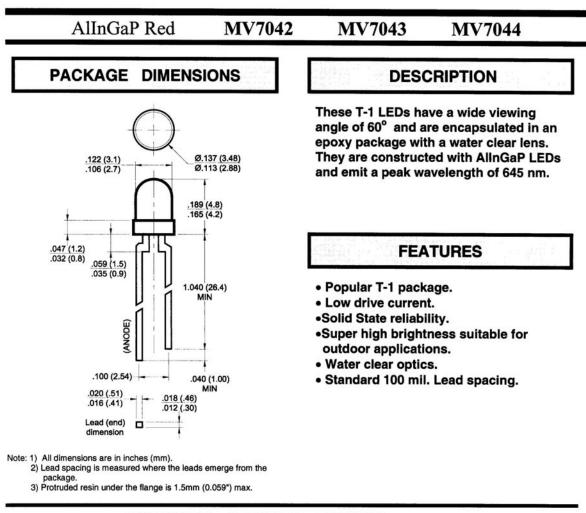


SUPER BRIGHT T-1 (3mm) LED LAMP - Water Clear



ABSOLUTE MAXIMUM RATINGS (TA=25°C unless otherwise specified)

DC forward current (I _F)	30 mA
Peak forward current (IF) @ f = 1.0 KHz, Duty factor = 1/10	160 mA
Power dissipation (P _d)	85 mW
Reversed voltage (V _R) I _R = 10 µA	5 V
	-40°C to +100°C
Storage temperature range	-40°C to +100°C
Lead soldering time	5 secs @ 260°C

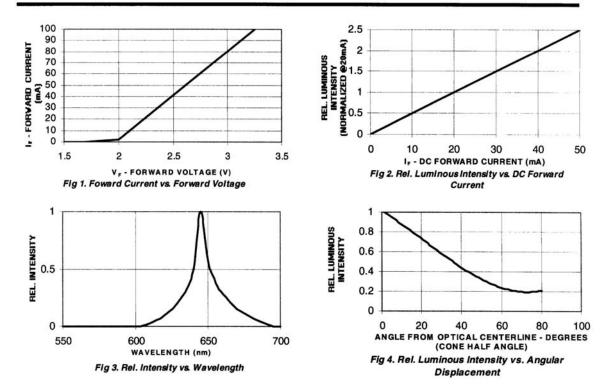


SUPER BRIGHT T-1 (3mm) LED LAMP - Water Clear

ELECTRO-OPTICAL CHARACTERISTICS (Ta=25°C unless otherwise specified)

Part Number:	<u>MV7042</u>	<u>MV7043</u>	<u>MV7044</u>	Test <u>Condition</u>
Luminous intensity (mcd)				I _F = 20 mA
Minimum	100	160	250	
Typical	150	240	375	
Forward voltage (V _F)				I _F = 20 mA
Typical	2.1	2.1	2.1	1.20
Maximum	2.8	2.8	2.8	
Peak Wavelength	645	645	645	$I_F = 20 \text{ mA}$
Spectral line half width (nm)	20	20	20	I _F = 20 mA
Viewing angle	60	60	60	I _F = 20 mA

TYPICAL ELECTRO-OPTICAL CHARACTERISTIC CURVES (TA = 25°C)





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2. A critical component in any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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