





# SUPER BRIGHT T-1 3/4 (5 mm) LED LAMP – Water Clear

## ELECTRO-OPTICAL CHARACTERISTICS (T<sub>A</sub>=25°C unless otherwise specified)

Part Number:	MV8W00	Test Condition
Luminous Intensity (mcd) <i>Testing Condition @ 550nm</i>		I <sub>F</sub> = 20 mA
Minimum	1300	
Typical	2500	
Forward Voltage (V)		I <sub>F</sub> = 20 mA
Typical	3.8	
Maximum	5.0	
Peak Wavelength (nm)	550	I <sub>F</sub> = 20 mA
Chromaticity Coordinates		I <sub>F</sub> = 10 mA
Typical	X = 0.31 Y = 0.32	
Reverse Breakdown Voltage (V)	5	I <sub>R</sub> = 10 μA
Viewing Angle (Deg.)	20	I <sub>F</sub> = 20 mA

## TYPICAL ELECTRO-OPTICAL CHARACTERISTIC CURVES (T<sub>A</sub> = 25°C)

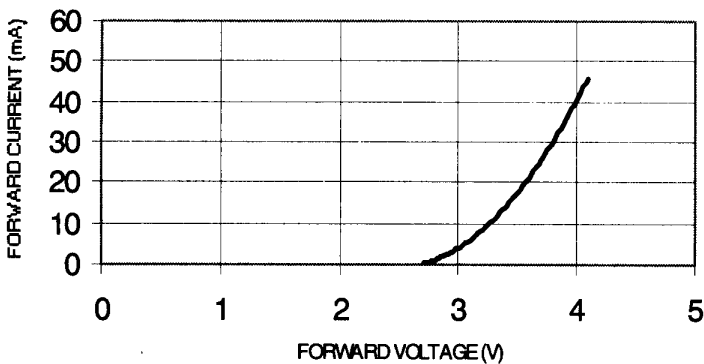


Fig 1. Forward Voltage vs. Forward Current

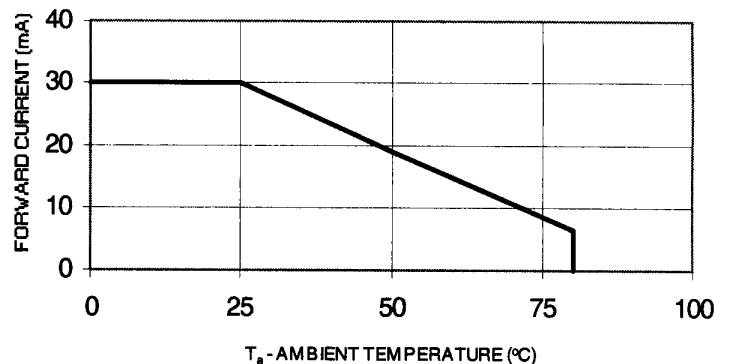


Fig 2. Forward Current vs. Ambient Temperature

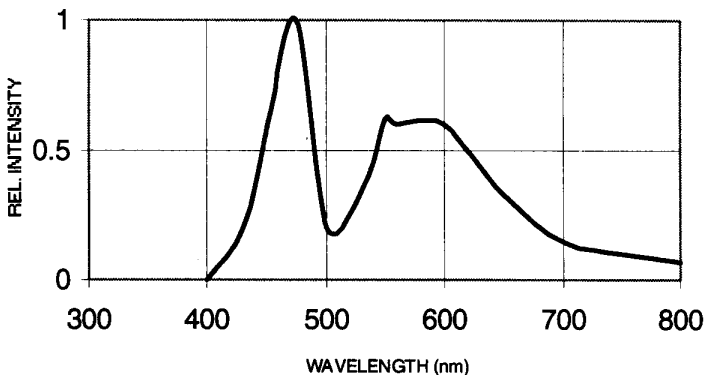


Fig 3. Rel. Intensity vs. Wavelength

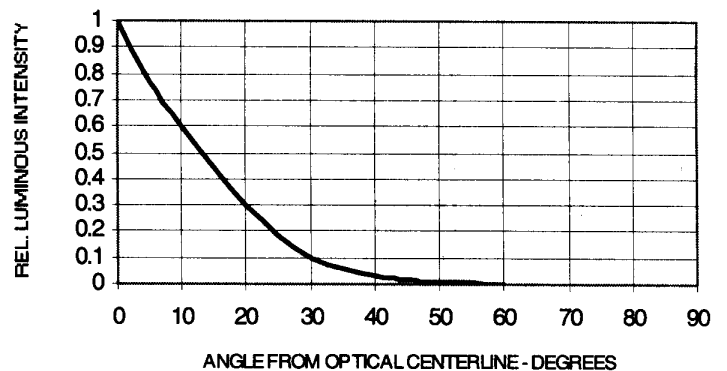


Fig 4. Rel. Intensity vs. Angular Displacement