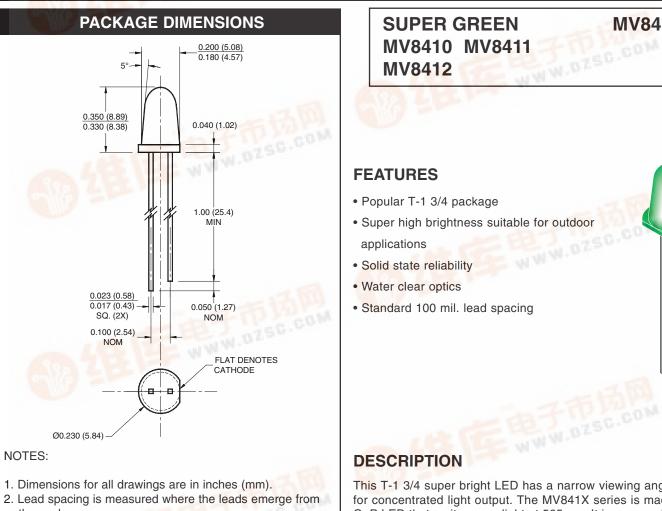


SUPER BRIGHT T-24小时加急出; 3/4 (5 mm) [-] LED LAMP - Water Clear

MV841X



the package.

3. Protruded resin under the flange is 1.5 mm (0.059") max.

zsc.com

This T-1 3/4 super bright LED has a narrow viewing angle of 12° for concentrated light output. The MV841X series is made with a GaP LED that emits green light at 565 nm. It is encapsulated in a water clear epoxy lens package.

Parameter	Symbol	Rating	Unit
Operating Temperature	T _{OPR}	-40 to +85	°C
Storage Temperature	T _{STG}	-40 to +100	°C
Lead Soldering Time	T _{SOL}	260 for 5 sec	°C
Continuous Forward Current	١ _F	30	mA
Peak Forward Current	1	100	mA
(f = <mark>1.0 KHz,</mark> Duty Factor = 1/10)	١ _F	160	
Reverse Voltage	V _R	5	V
Power Dissipation	PD	85	mW



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

SUPER GREENMV841XMV8410MV8411MV8412MV8412

ELECTRICAL / OPTICAL CHARACTERISTICS (TA =25°C)					
Part Number	MV8410	MV8411	MV8412	Condition	
Luminous Intensity (mcd)				$I_F = 20 \text{mA}$	
Minimum	160	250	400		
Typical	240	370	600		
Forward Voltage (V)				$I_F = 20 \text{mA}$	
Maximum	2.8	2.8	2.8		
Typical	2.1	2.1	2.1		
Peak Wavelength (nm)	565	565	565	$I_F = 20 \text{mA}$	
Spectral Line Half Width (nm)	30	30	30	$I_F = 20 \text{mA}$	
Viewing Angle (°)	12	12	12	I _F = 20mA	

TYPICAL PERFORMANCE CURVES

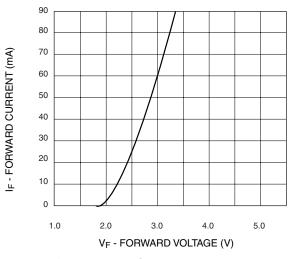
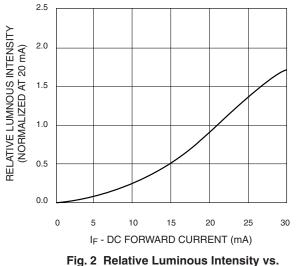


Fig. 1 Forward Current vs. Forward Voltage



DC Forward Current



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

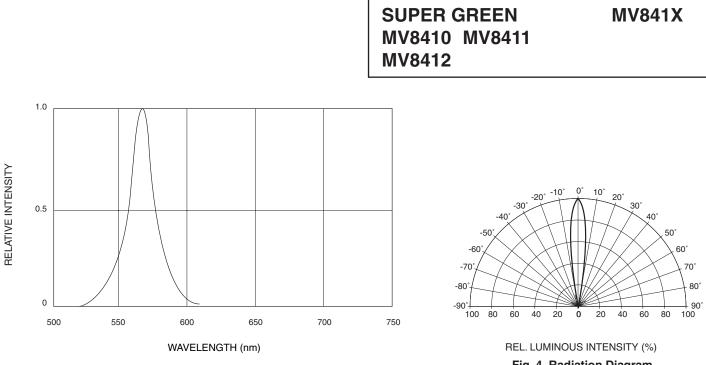
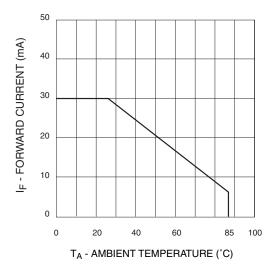


Fig. 3 Relative Intensity vs. Peak Wavelength

Fig. 4 Radiation Diagram





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

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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.