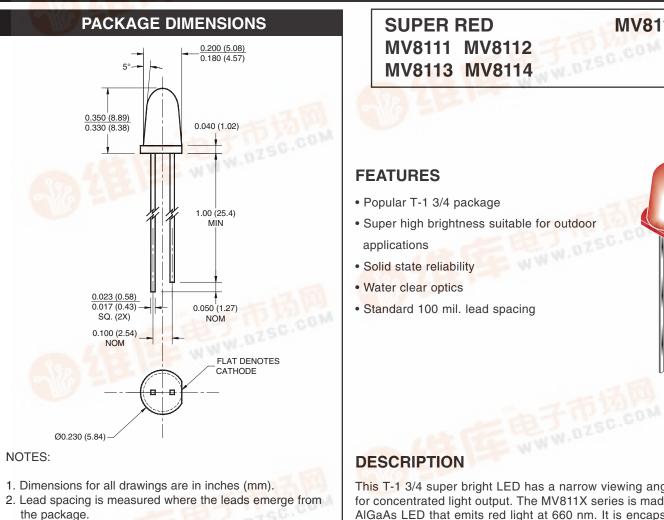


SUPER BRIGHT T-24小时加急出 3/4 (5 mm) [-] LED LAMP - Water Clear

MV811X



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 MV811X series is made with an AlGaAs LED that emits red light at 660 nm. It is encapsulated in a water clear epoxy lens package.

Parameter	Symbol	Rating	Unit	
Operating Temperature	T _{OPR}	-40 to +100	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	000	4	
(f = <mark>1.0 KHz,</mark> Duty Factor = 1/10)	I IF	200	mA	
Reverse Voltage	V _R	5	V	
Power Dissipation	PD	100	mW	

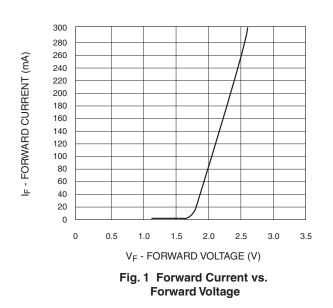


SUPER BRIGHT T-1 3/4 (5 mm) LED LAMP - Water Clear

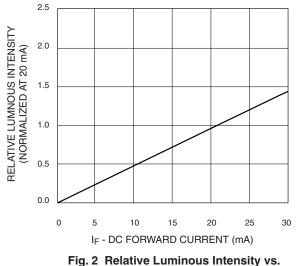
SUPER RED	MV811X
MV8111 MV8112	
MV8113 MV8114	

ELECTRICAL / OPTICAL CHARACTERISTICS (TA =25°C)							
Part Number	MV8111	MV8112	MV8113	MV8114	Condition		
Luminous Intensity (mcd)					$I_F = 20 \text{mA}$		
Minimum	250	630	1000	1600			
Typical	370	940	1500	2400			
Forward Voltage (V)					I _F = 20mA		
Maximum	2.4	2.4	2.4	2.4			
Typical	1.7	1.7	1.7	1.7			
Peak Wavelength (nm)	660	660	660	660	$I_F = 20 \text{mA}$		
Spectral Line Half Width (nm)	20	20	20	20	$I_F = 20 \text{mA}$		
Viewing Angle (°)	12	12	12	12	$I_F = 20mA$		

TYPICAL PERFORMANCE CURVES



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DC Forward Current



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

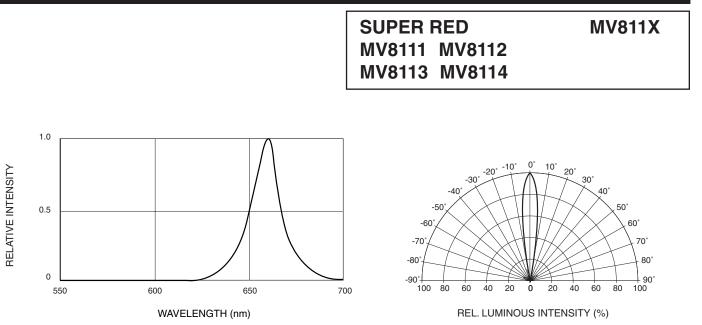
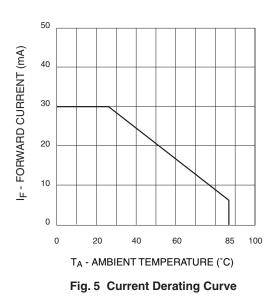


Fig. 3 Relative Intensity vs. Peak Wavelength







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.