

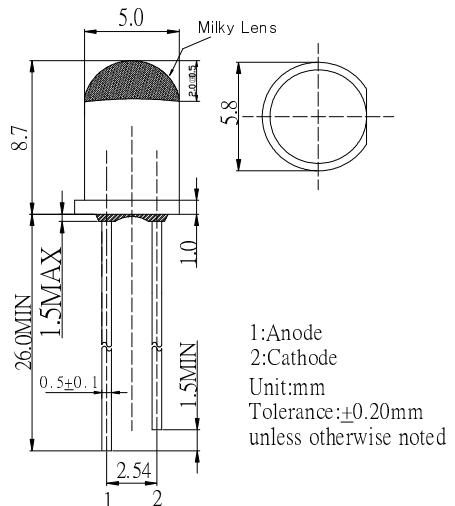
■Features

- High Luminous LEDs
- 5mm Round Standard Directivity
- UV Resistant Epoxy
- Water Clear Body with Milky Lens

■Photo



■Outline Dimension



■Applications

- Electronic Signs And Signals
- Small Area Illuminations
- Back Lighting
- Other Lighting

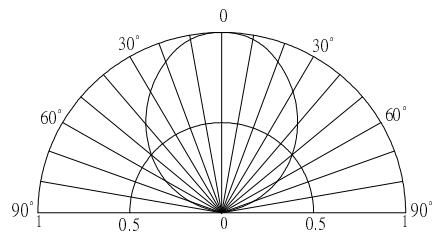
■Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value		Unit
DC Forward Current	I _F	30		mA
Pulse Forward Current#	I _{FP}	100		mA
Reverse Voltage	V _R	5		V
Power Dissipation	P _D	78		mW
Operating Temperature	T _{opr}	-30 ~ +85		°C
Storage Temperature	T _{stg}	-40~ +100		°C
Lead Soldering Temperature	T _{sol}	260°C/5sec		-

#Pulse width Max.10ms Duty ratio max 1/10

■Directivity



■Electrical -Optical Characteristics

(Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage*1	V _F	I _F =20mA	1.8	2.1	3.6	V
DC Reverse Current	I _R	V _R =5V	-	-	10	µA
Domi. Wavelength*2	λ _D	I _F =20mA	620	625	630	nm
Luminous Intensity*3	I _V	I _F =20mA	2180	3000	-	mcd
50% Power Angle	2θ _{1/2}	I _F =20mA	-	100	-	deg

*1 Tolerance of measurements of forward voltage is ±0.1V

*2 Tolerance of measurements of dominant wavelength is ±1nm

*3 Tolerance of measurements of luminous intensity is ±15%

LED & Application Technologies





OptoSupply

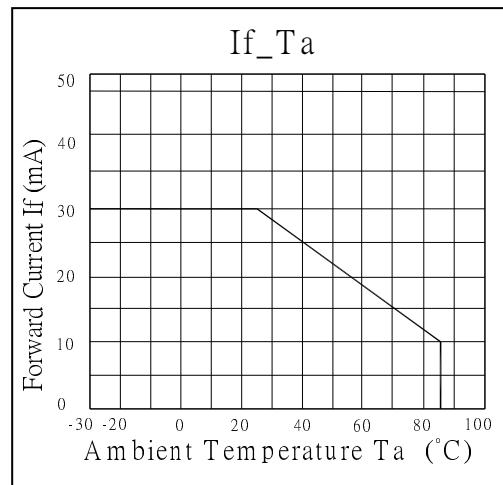
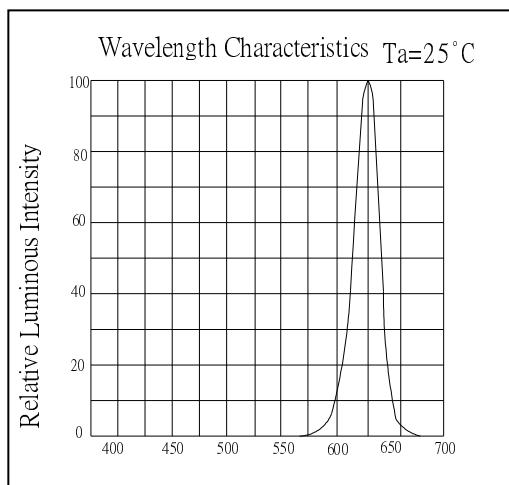
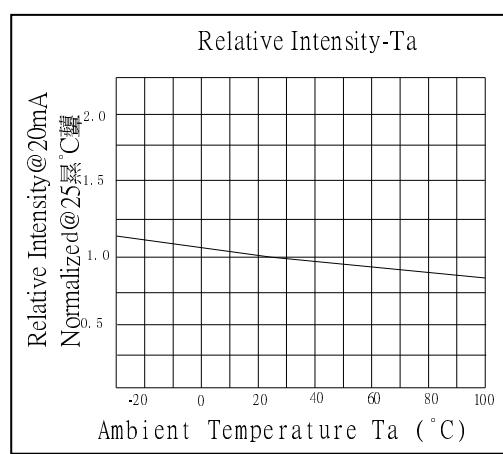
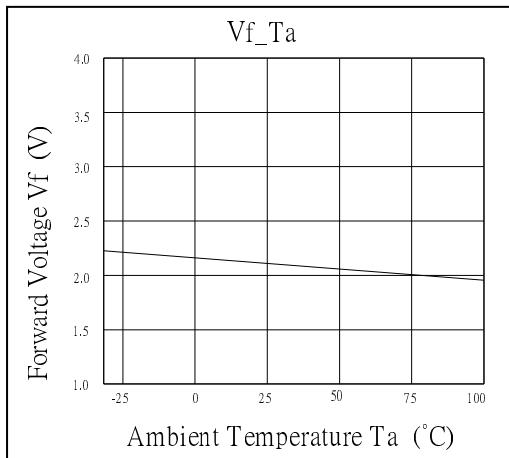
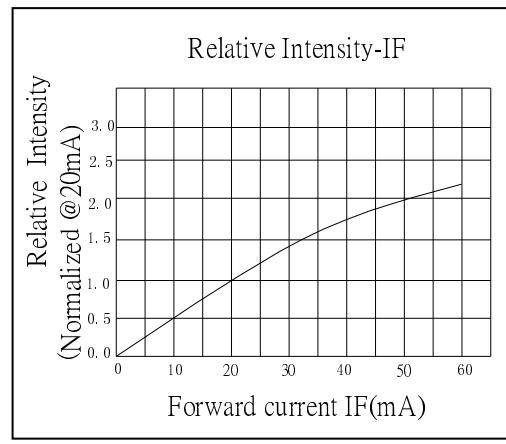
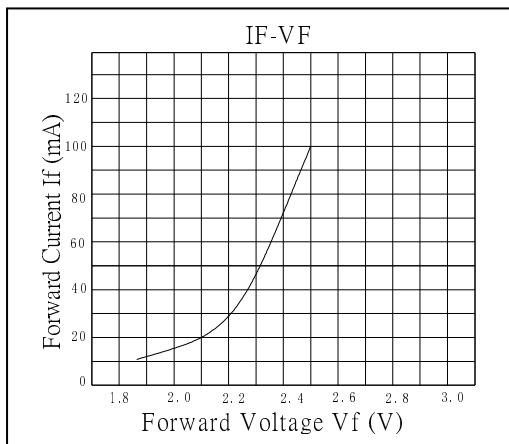
Light It Up

5mm Round Milky Lens Red LED

OS5REA51A5A

AlGaInP LED

TYPICAL ELECTRICAL/OPTICAL CHARACTERISTIC CURVES



LED & Application Technologies



REACH
The new EU chemicals legislation

