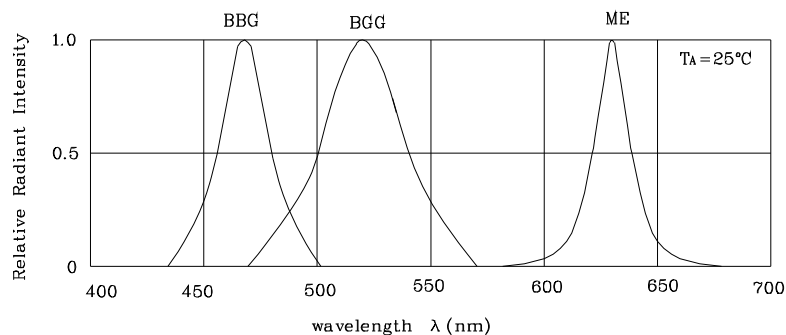
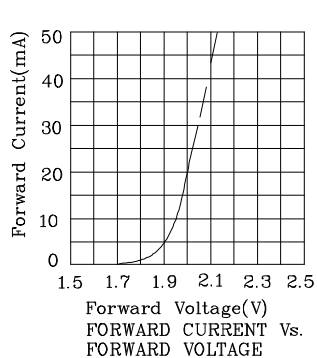


Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity (IF=20mA) mcd	Wavelength nm λ P	Viewing Angle 2 θ 1/2
				min.	typ.	
ZMEBBGBGG56W	Red	InGaAlP	Water Clear	110	297	630
	Blue	InGaN		36	79	468
	Green	InGaN		110	447	520
Published Date : FEB 26,2008			Drawing No : SDSA4412	V6	Checked : B.L.LIU	P.1/6

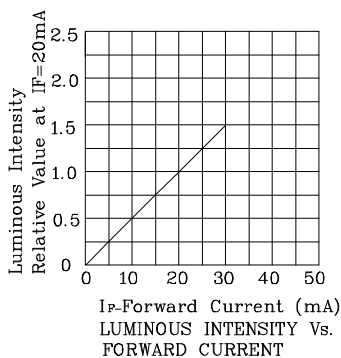


RELATIVE INTENSITY Vs. WAVELENGTH

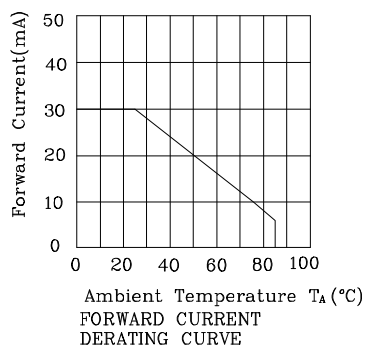
❖ ME



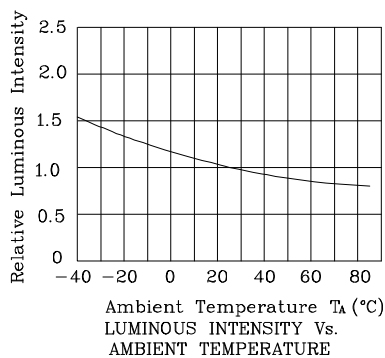
FORWARD CURRENT Vs. FORWARD VOLTAGE



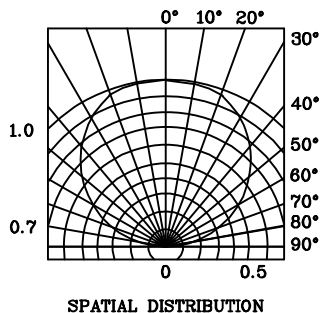
LUMINOUS INTENSITY Vs. FORWARD CURRENT



FORWARD CURRENT Vs. AMBIENT TEMPERATURE DERATING CURVE

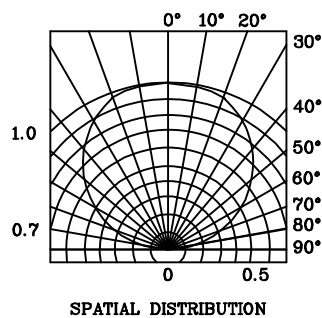
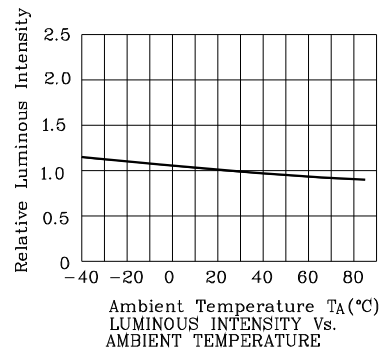
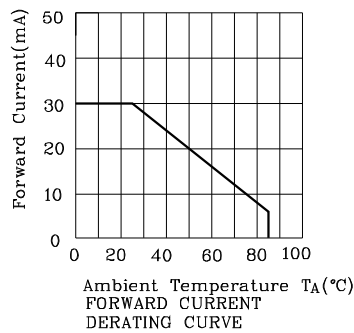
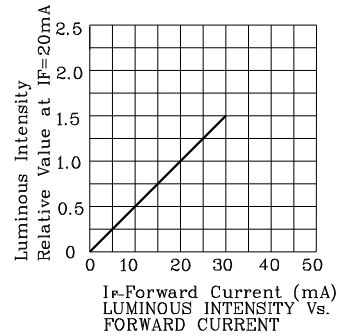
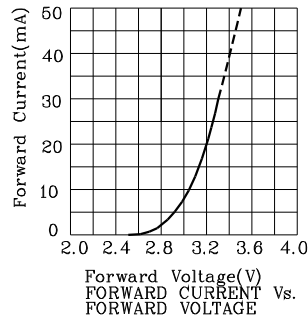


LUMINOUS INTENSITY Vs. AMBIENT TEMPERATURE

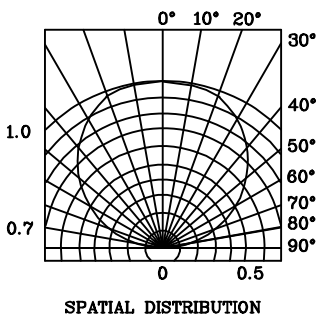
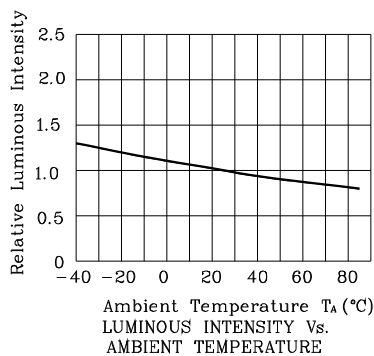
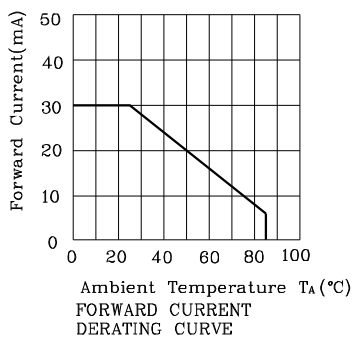
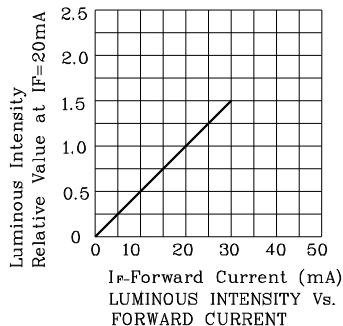
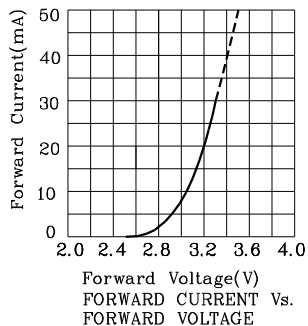


SPATIAL DISTRIBUTION

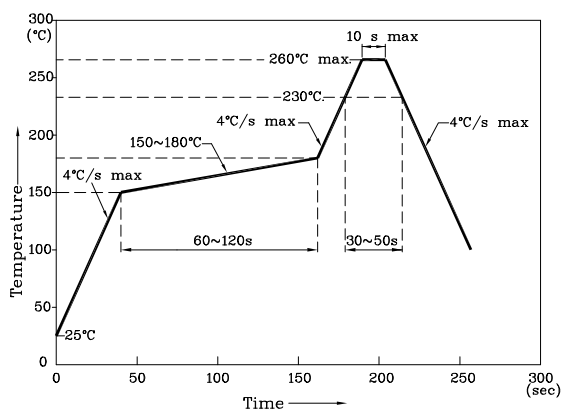
❖ **BBG**



❖ **BGG**



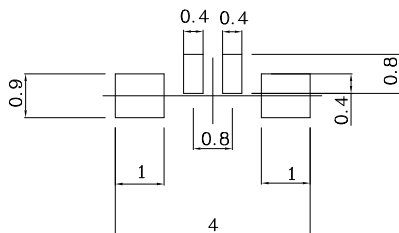
Reflow Soldering Profile For Lead-free SMT Process.



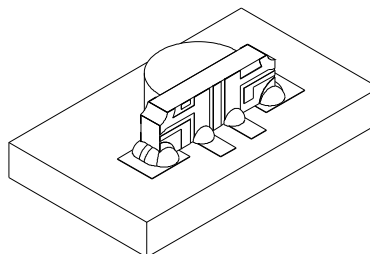
NOTES:

1. Maximum soldering temperature should not exceed 260°C.
2. Recommended reflow temperature: 145°C–260°C.
3. Do not put stress to the epoxy resin during high temperatures conditions.

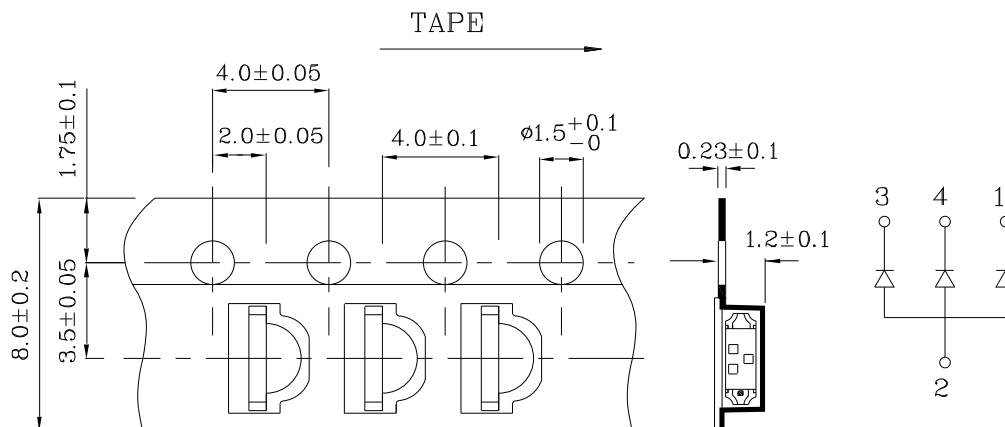
❖ Recommended Soldering Pattern
(Units : mm; Tolerance: ±0.1)



❖ The device has a single mounting surface. The device must be mounted according to the specifications.



❖ Tape Specification (Units : mm)



Remarks:

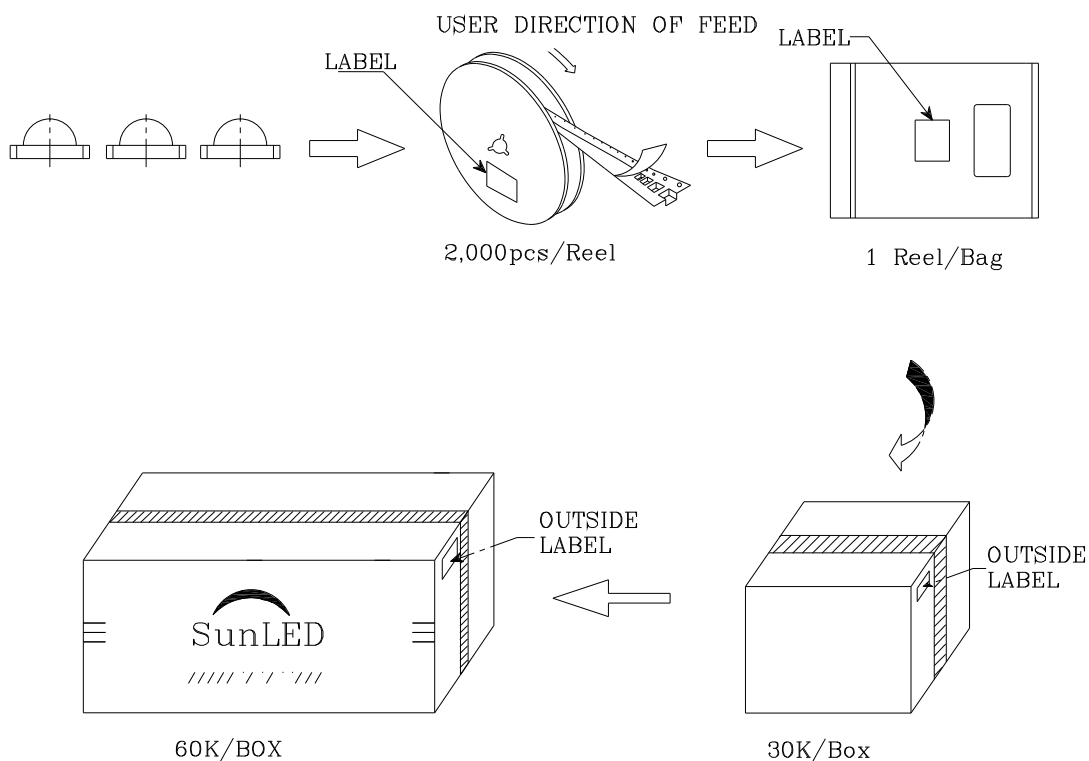
If special sorting is required (e.g. binning based on forward voltage, Luminous intensity / luminous flux, or wavelength), the typical accuracy of the sorting process is as follows:

1. Wavelength: +/-1nm
2. Luminous Intensity / Luminous Flux: +/-15%
3. Forward Voltage: +/-0.1V

Note: Accuracy may depend on the sorting parameters.

PACKING & LABEL SPECIFICATIONS

ZMEBBGBGG56W



		Q.C. Q C XX XX XXXX PASSED
P/NO : Zxx56x		
QTY : 2,000 pcs	CODE: XXX	
S/N : XX		
LOT NO :		
 XXXXXXXXXXXXXXXXXXXXXXXX		
RoHS Compliant		