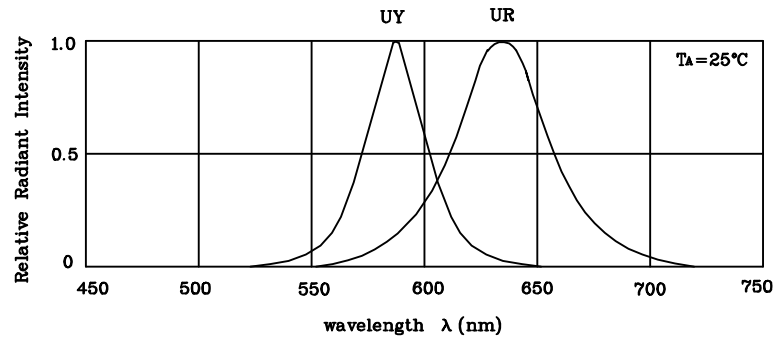




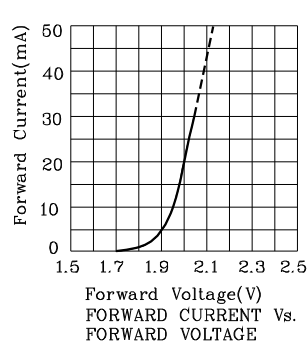
Figure 1: Mechanical drawing of the test specimen. The drawing includes a top view, a side view, and a detail view of the central hole. The top view shows a rectangular plate with a central hole and four corner holes. Dimensions are given in millimeters with tolerances. The side view shows the thickness of the plate. The detail view shows the central hole with a diameter of 0.25 mm and a depth of 2.7 mm. The drawing also includes a 'POLARITY MARK' and a 'UR' label.

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.		
ZURUY98W	Red	GaAsP/GaP	Water Clear	4	14	627	100°
	Yellow	GaAsP/GaP		2.6	7	590	
Published Date : FEB 28,2008		Drawing No : SDSA4559		V3	Checked : B.L.LIU	P.1/5	

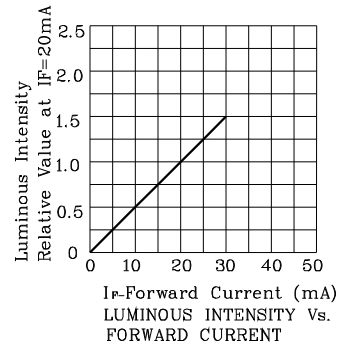


RELATIVE INTENSITY Vs. WAVELENGTH

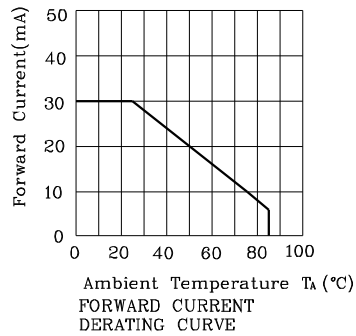
❖ UR



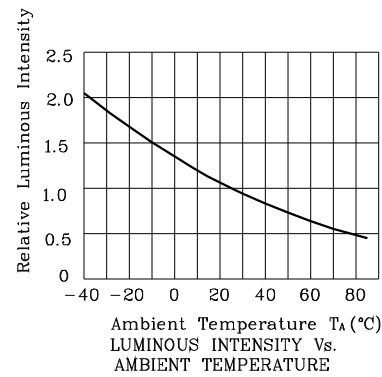
FORWARD CURRENT Vs. FORWARD VOLTAGE



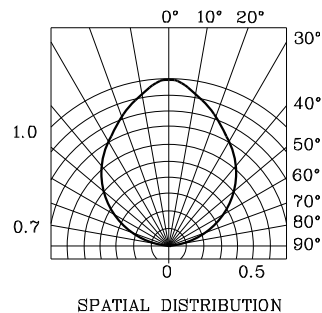
LUMINOUS INTENSITY Vs. FORWARD CURRENT



FORWARD CURRENT DERATING CURVE

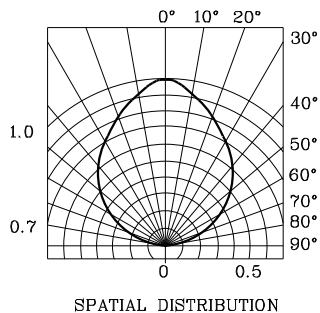
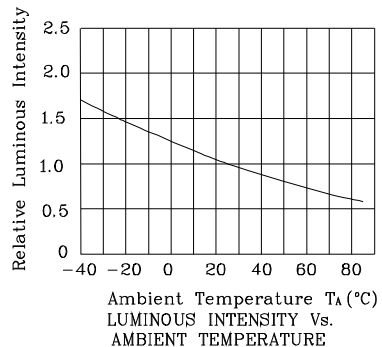
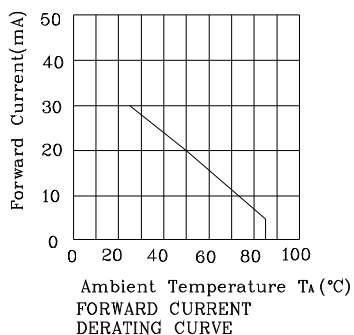
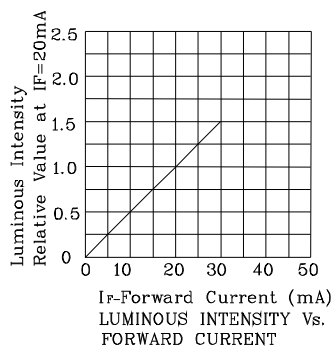
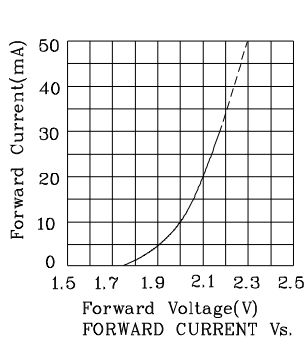


LUMINOUS INTENSITY Vs. AMBIENT TEMPERATURE

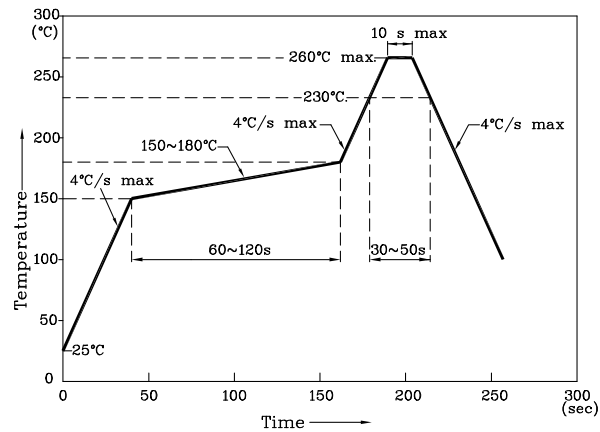


SPATIAL DISTRIBUTION

❖ UY



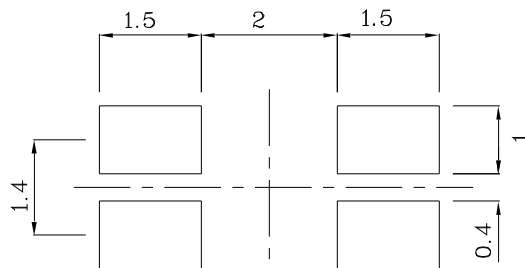
Reflow Soldering Profile For Lead-free SMT Process.



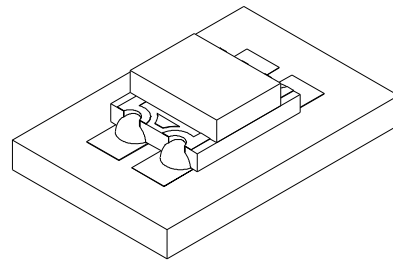
NOTES:

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)

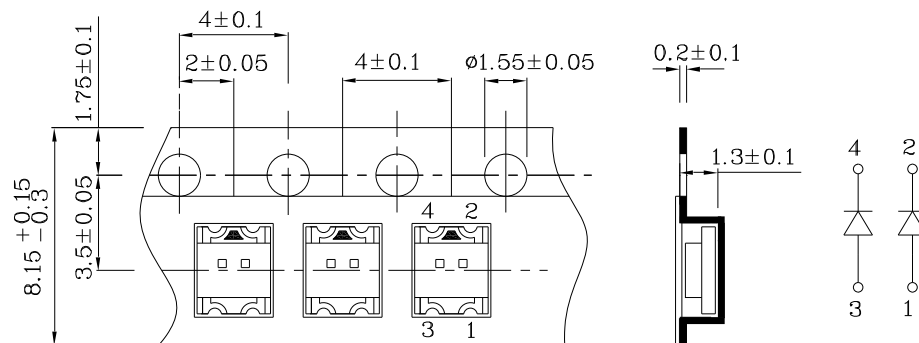


❖ **The device has a single mounting surface. The device must be mounted according to the specifications.**



❖ **Tape Specification (Units : mm)**

TAPE



Remarks:

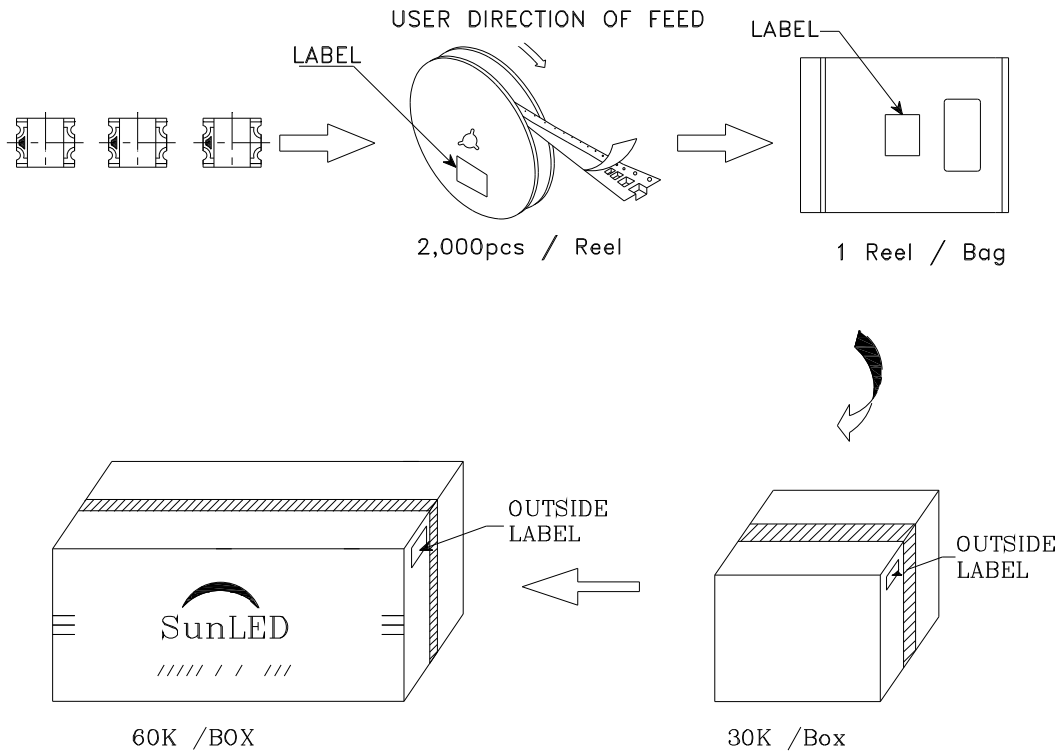
If special sorting is required (e.g. binning based on forward voltage, luminous intensity/ Luminous Flux or wavelength), the typical accuracy of the sorting process is as follows:

1. Wavelength: $\pm 1\text{nm}$
2. Luminous Intensity/ Luminous Flux: $\pm 15\%$
3. Forward Voltage: $\pm 0.1\text{V}$

Note: Accuracy may depend on the sorting parameters.

PACKING & LABEL SPECIFICATIONS

ZURUY98W



		<table border="1"> <tr> <td>Q</td> <td>C</td> </tr> <tr> <td>XX</td> <td>XX XXXX</td> </tr> <tr> <td colspan="2">PASSED</td> </tr> </table>	Q	C	XX	XX XXXX	PASSED	
Q	C							
XX	XX XXXX							
PASSED								
P/NO : Zxx98x		FQC						
QTY : 2,000 pcs	CODE: XXX							
S/N : XX								
LOT NO: xxxxxxxxxxxxxxxxxxxxxxxx								
RoHS Compliant								