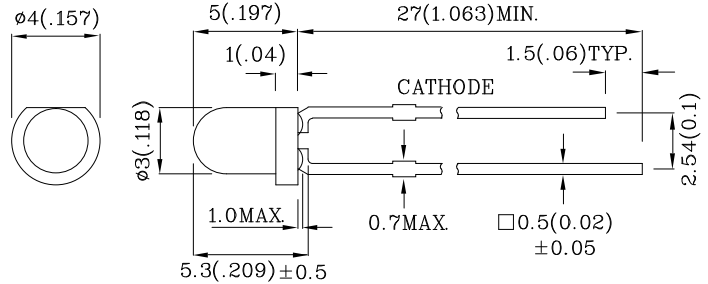


Features

- T-1 PACKAGE WITH RECTANGULAR BASE.
- WITH BUILT-IN BLINKING IC.
- OPERATION VOLTAGE FROM 3.5V TO 14V.
- BLINKING FREQUENCY FROM 3.0Hz TO 1.5Hz.
- RoHS COMPLIANT.



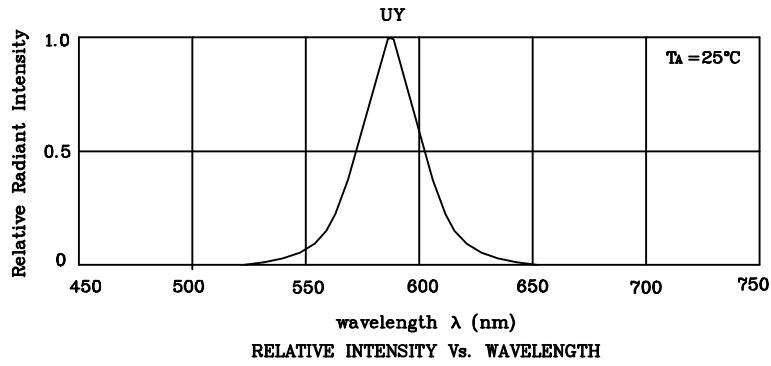
Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01")$ unless otherwise noted.
3. Specifications are subject to change without notice.

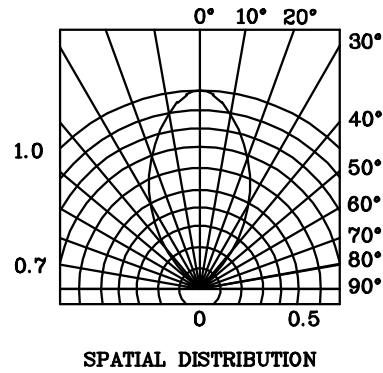
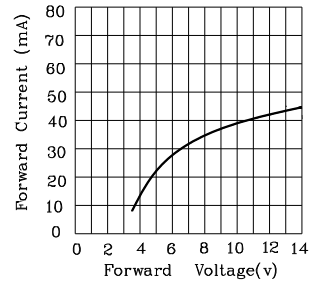
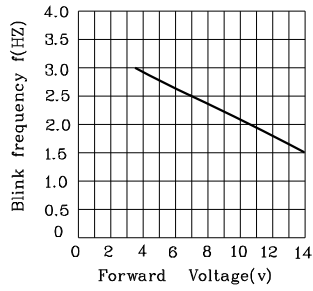
Absolute maximum ratings (TA=25°C)		UY (GaAsP/GaP)	Unit
Reverse Voltage	V _R	0.5	V
Forward Voltage	V _F	14	V
Power Dissipation	P _T	310	mW
Operating Temperature	T _A	-40 ~ +70	°C
Storage Temperature	T _{stg}	-40 ~ +85	
Lead Solder Temperature [2mm Below Package Base]	260°C For 3 Seconds		
Lead Solder Temperature [5mm Below Package Base]	260°C For 5 Seconds		

Operating Characteristics (TA=25°C)		UY (GaAsP/GaP)	Unit
Forward Current (Min.) (V _F =3.5V)	I _F	8	mA
Forward Current (Typ.) (V _R =5V)	I _F	22	mA
Supply Current (Typ.) (V _F =3.5V)	I _{SON}	8	mA
Supply Current (Typ.) (V _F =14V)	I _{SON}	44	mA
Blink Frequency (Min.~Max.) (V _F =3.5V~14V)	f	1.5~3	Hz
Wavelength of Peak Emission (Typ.)	λ _P	590	nm
Wavelength of Dominant Emission (Typ.)	λ _D	588	nm
Spectral Line Full Width At Half-Maximum (Typ.)	Δλ	35	nm

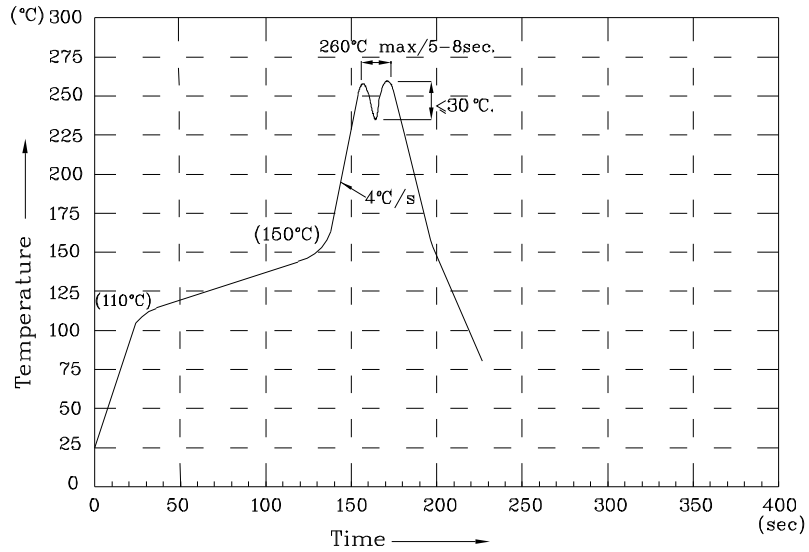
Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity (V= 9V) mcd		Wavelength nm λ _P	Viewing Angle 2 θ 1/2
				min.	typ.		
BUY34D	Yellow	GaAsP/GaP	Yellow Diffused	5	9	590	60°
Published Date : MAR 24,2008 Drawing No : SDSA3462 V3 Checked : B.L.LIU P.1/4							



❖ UY



Wave Soldering Profile For Lead-free Through-hole LED.

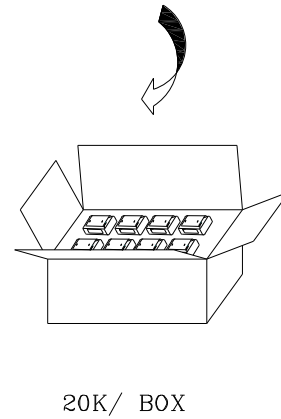
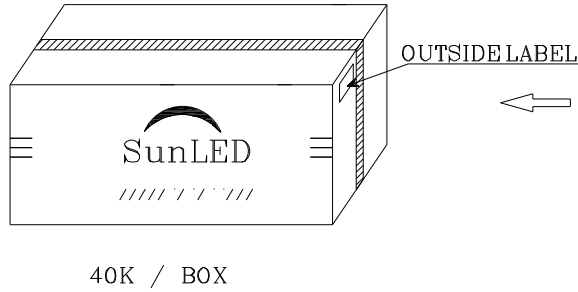
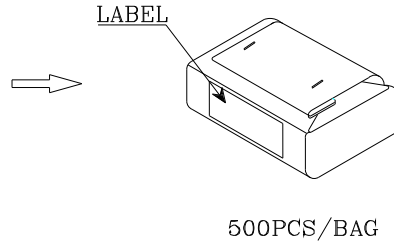
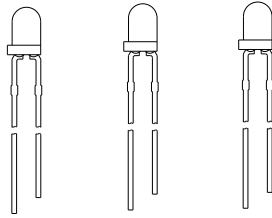



NOTES:

1. Recommend the wave temperature 245°C~260°C. The maximum soldering temperature should be less than 260°C.
2. Do not apply stress on epoxy resins when temperature is over 85 degree°C.
3. The soldering profile apply to the lead free soldering (Sn/Cu/Ag alloy).
4. No more than once.

PACKING & LABEL SPECIFICATIONS

BUY34D






Q.C. Q C

XX XX XXXX

PASSED

P/NO : Bxx34x	
QTY : 500 pcs	CODE: XXX
S/N : XX	
LOT NO:	
 xxxxxxxxxxxxxxxxxxxxxx	
RoHS Compliant	