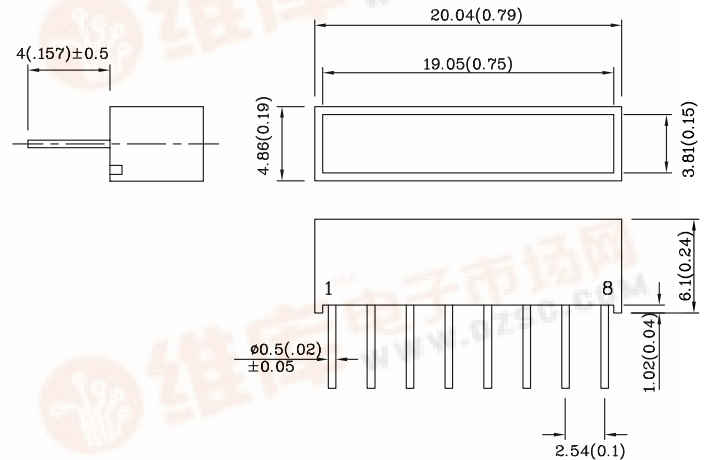
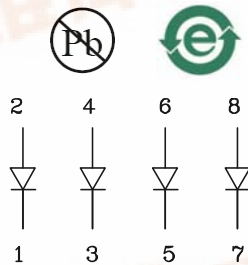


Part Number: **EUY2450M**

19.05mm x 3.81mm LED LIGHT BAR

Features

- UNIFORM LIGHT EMITTING AREA.
- LOW CURRENT OPERATION.
- EASILY MOUNTED ON P.C. BOARDS.
- FLUSH MOUNTABLE.
- CAN BE USED WITH PANELS AND LEGEND MOUNTS.
- EXCELLENT ON/OFF CONTRAST.
- 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	VR	5	V
Forward Current	IF	30	mA
Forward Current (Peak) 1/10 Duty Cycle 0.1ms Pulse Width	iFS	140	mA
Power Dissipation	PT	75	mW
Operating Temperature	TA	-40 ~ +85	°C
Storage Temperature	Tstg	-40 ~ +85	
Lead Solder Temperature [2mm Below Package Base]	260°C For 3-5 Seconds		

Operating Characteristics (TA=25°C)		UY (GaAsP/GaP)	Unit
Forward Voltage (Typ.) (IF=20mA)	VF	2.1	V
Forward Voltage (Max.) (IF=20mA)	VF	2.5	V
Reverse Current (Max.) (VR=5V)	IR	10	uA
Wavelength Of Peak Emission (Typ.) (IF=20mA)	λP	590	nm
Wavelength Of Dominant Emission (Typ.) (IF=20mA)	λD	588	nm
Spectral Line Full Width At Half-Maximum (Typ.) (IF=20mA)	$\Delta\lambda$	35	nm
Capacitance (Typ.) (VF=0V, f=1MHz)	C	20	pF

Part
Number

Emitting
Color

Emitting
Material

Lens-color

Luminous
Intensity
(IF=20mA)
mcd

Wavelength
nm
 λP

min. typ.

Yellow

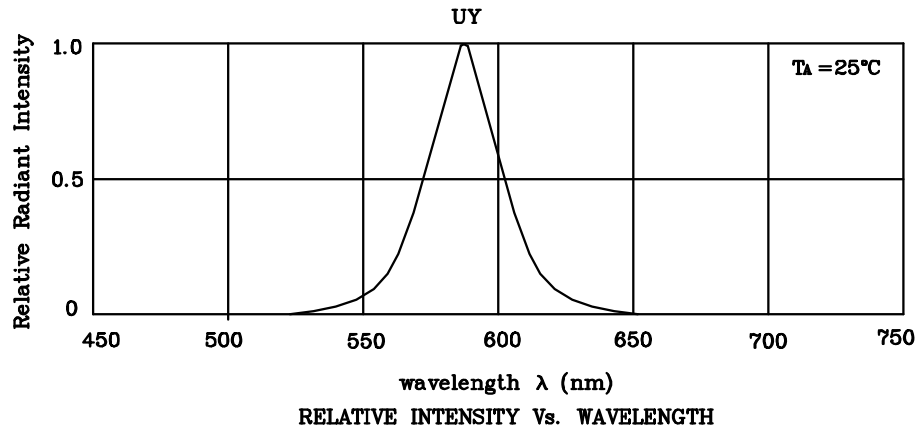
GaAsP/GaP

White Diffused

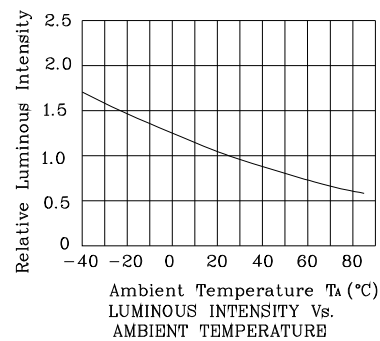
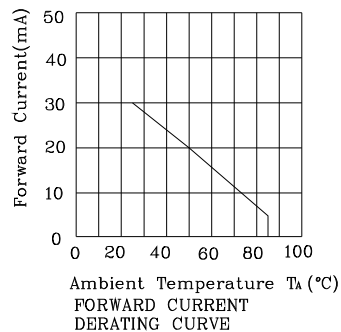
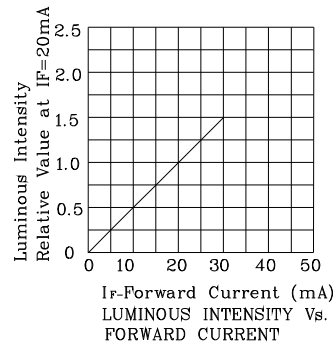
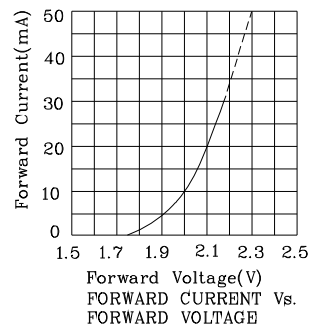
10

49

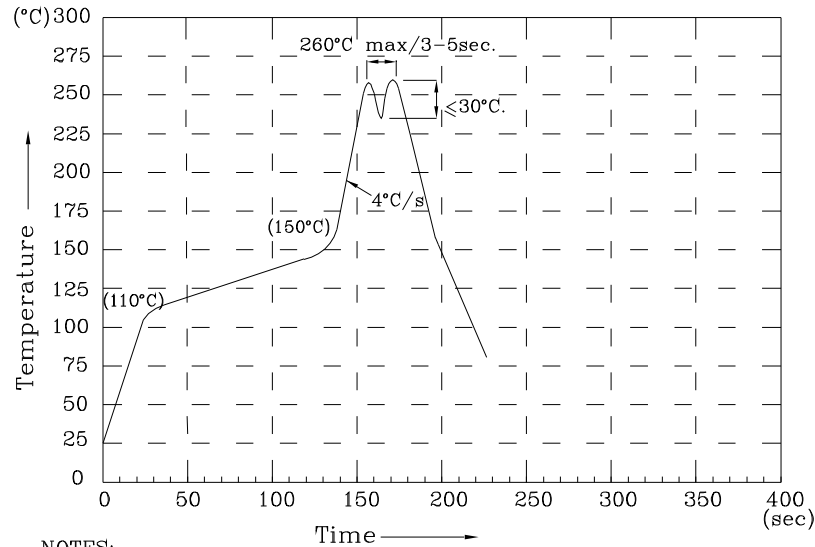
590



❖ **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.

Remarks:

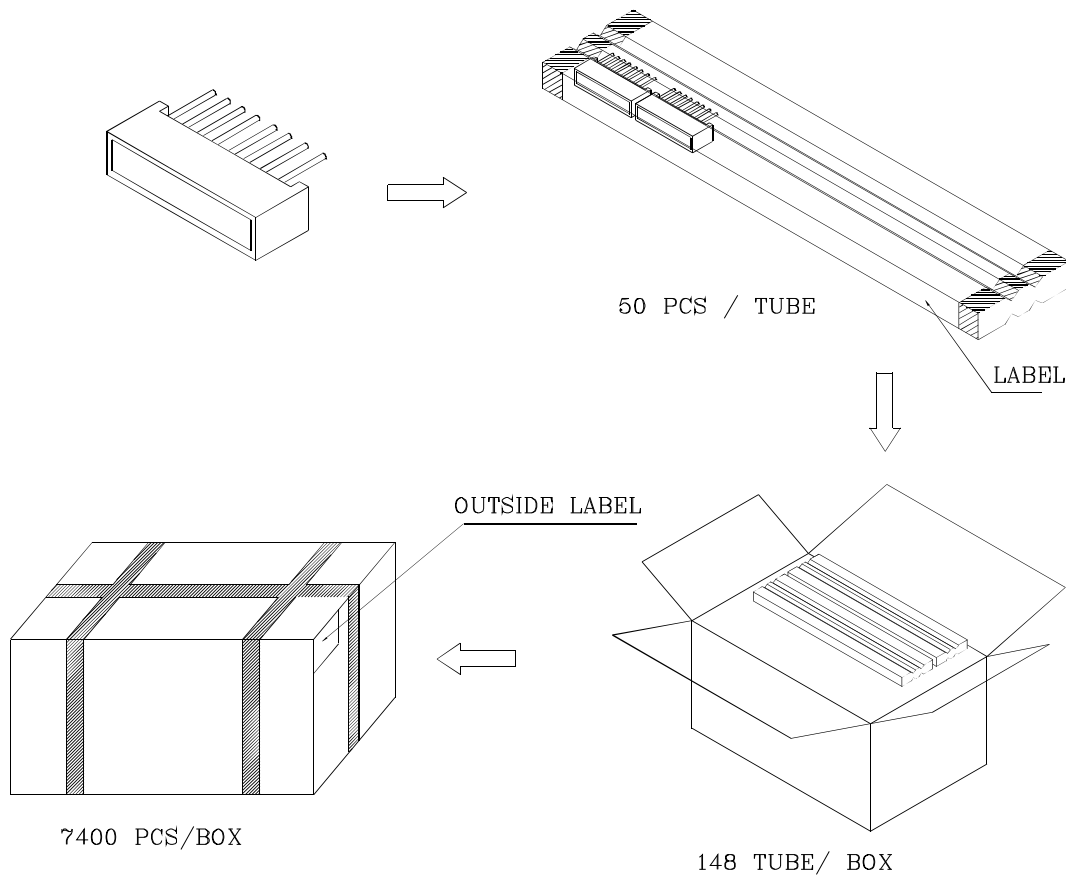
If special sorting is required (e.g. binning based on forward voltage, luminous intensity / luminous flux or wavelength), the typical accuracy of the sorting process is as follows:

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

EUY2450M



Inside LABEL Paste On The IC-tube

SunLED	PART NO: Bxx2450x	Q.C.
QTY: 50 PCS	CODE: xx	PASSED XX XX XX FQCX Date Number OF FQC
LOT NO. XXXXXXXXXXX-XXXX		
RoHS Compliant		

Outside LABEL Paste On The Box

BOX Number	XXXX	XXXX	BIN CODE
Bxx2450x	7400	XX	
Number OF QA Date			QA XX XX XX PASSED