

Part Number: **EUY2400M**

8.89mmx3.81mm LED LIGHT BAR

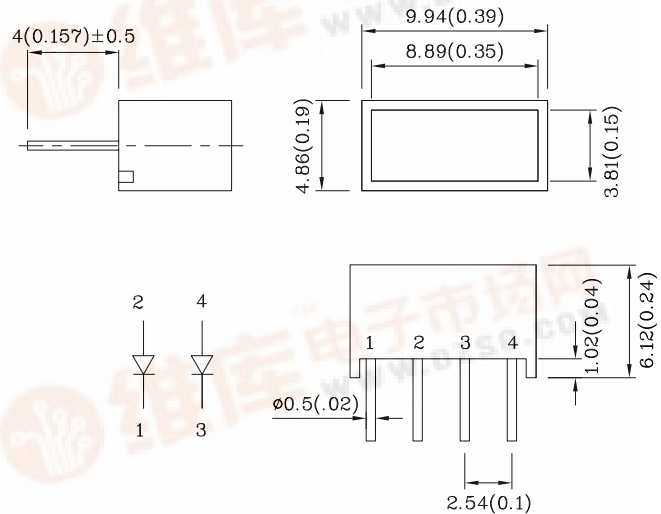
Features

- UNIFORM LIGHT EMITTING AREA.
- LOW CURRENT OPERATION.
- EASILY MOUNTED ON P.C. BOARDS.
- FLUSH MOUNTABLE.
- CAN BE USED WITH PANELS AND LEGEND MOUNTS.
- 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)	λ P	590	nm
Wavelength Of Dominant Emission (Typ.) (IF=20mA)	λ D	588	nm
Spectral Line Full Width At Half-Maximum (Typ.) (IF=20mA)	Δλ	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
λ P

min. typ.

EUY2400M

Yellow

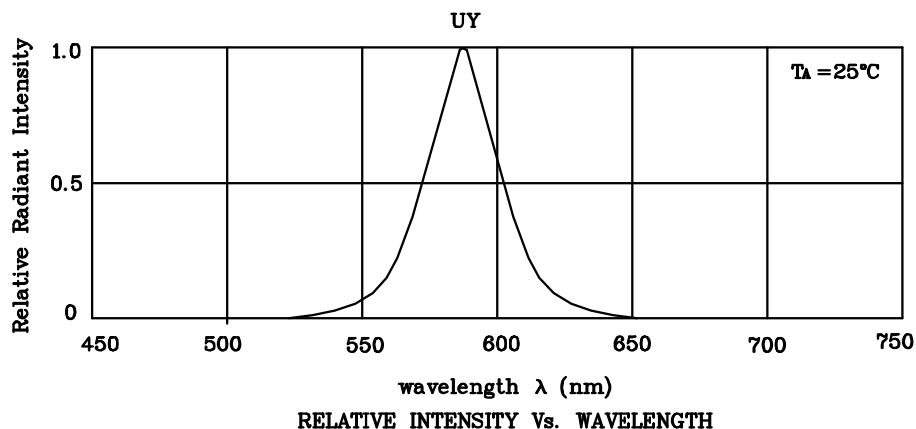
GaAsP/GaP

White Diffused

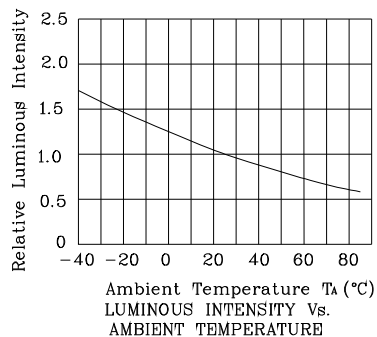
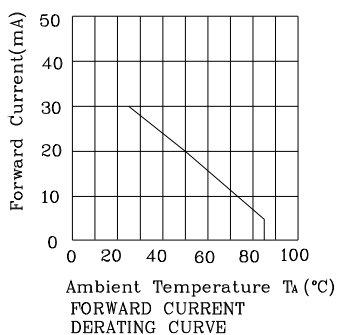
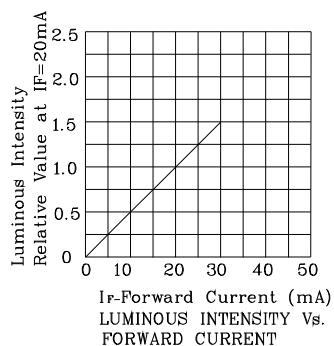
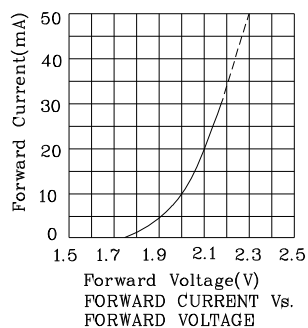
7

39

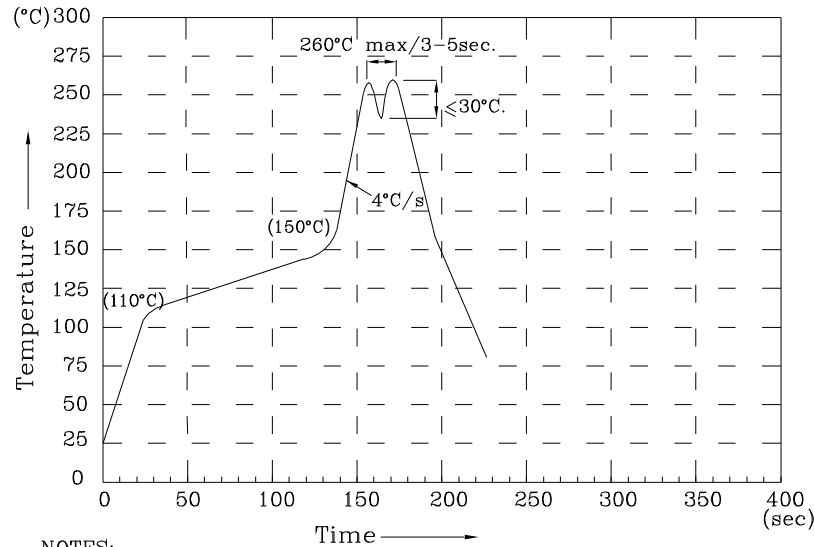
590



❖ 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:

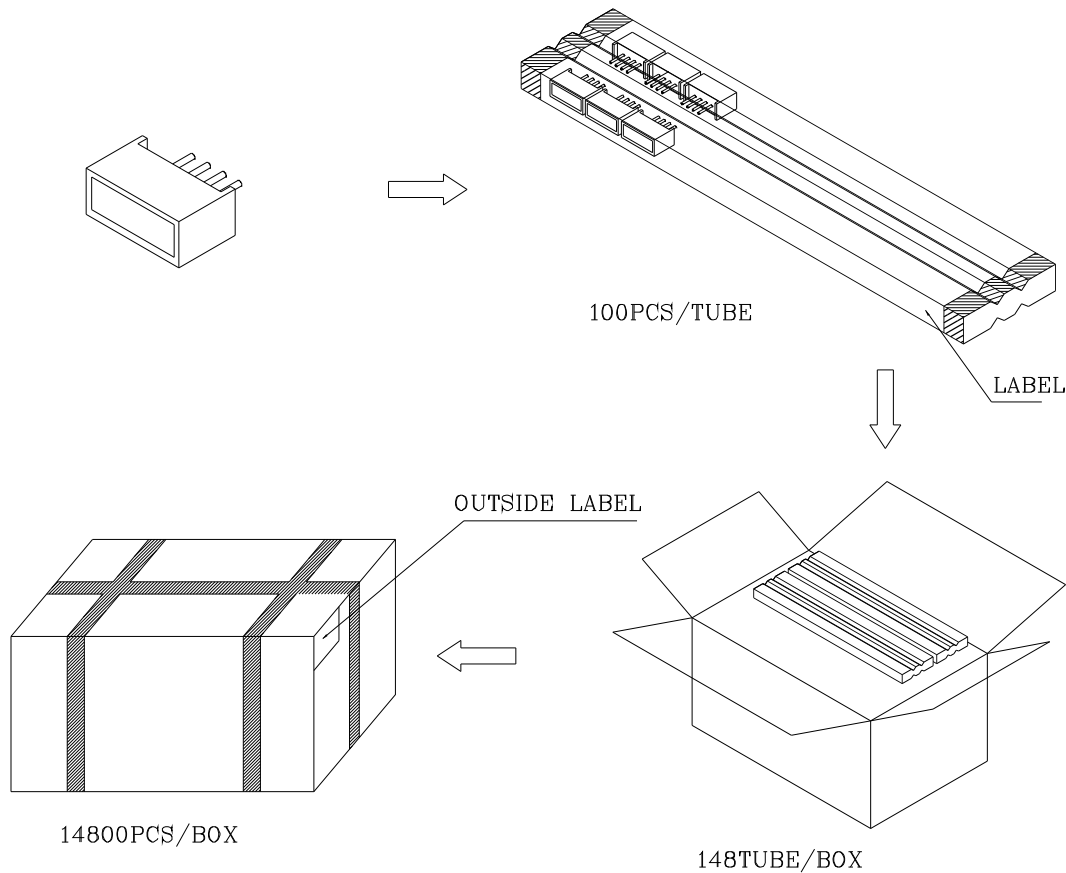
If special sorting is required (e.g. binning based on forward voltage, Luminous intensity / luminous flux, or wavelength), the typical accuracy of the sorting process is as follows:

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

EUY2400M



Inside LABEL Paste On The IC-tube

	PART NO: Eux2400x	
	QTY: 100 PCS CODE: xx	
		Date Number OF FQC
LOT NO.		RoHS Compliant

Outside LABEL Paste On The Box

BOX Number	xxxx	xxxx	BIN CODE
Eux2400x	14800	XX	
			Number OF QA Date
			PASSED