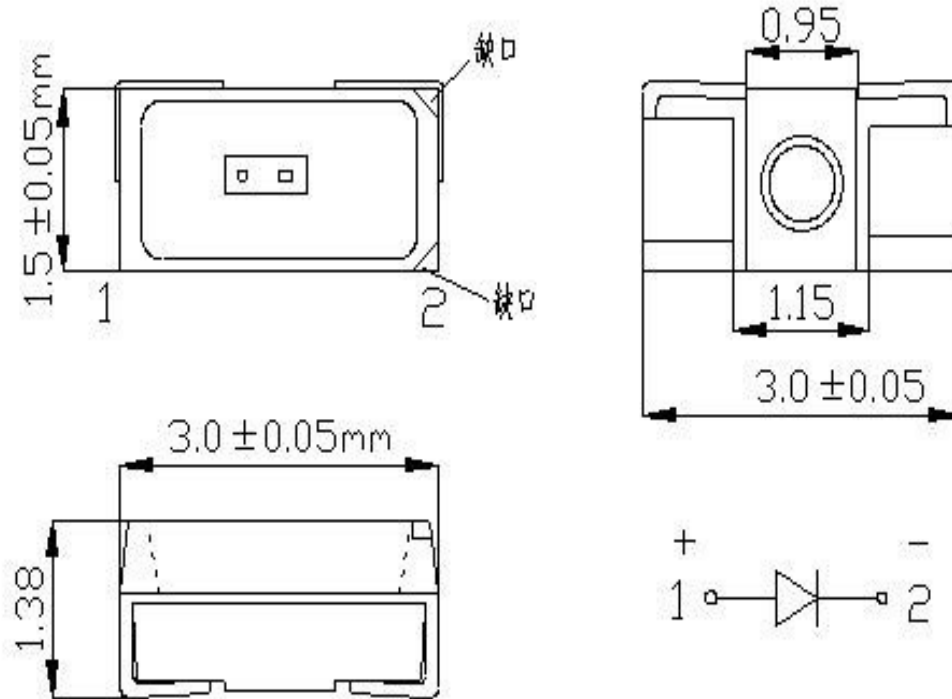


Approve Sheet

/Product	LED	
/Part Number	3014	
	IE-3014WN-SB-R-A41-Y	
/Issue Date		
/customer specification		
/Customer		
/VF (V)	2.8-3.4V	
/Color Bin	41G	
/CRI	80-85Ra	
/remarks		
/Maker		
Prepared	Checked	Customer Confirmation

■ PackageDimensions:



Notes

- All dimensions are in millimeters (inches).
- Tolerance is $\pm 0.25\text{mm}$ (.010") unless otherwise noted.
- Protruded resin under flange is 1.0mm (.04") max.
- Lead spacing is measured where the leads emerge from the package.
- Specifications are subject to change without notice.

Absolute Maximum Ratings at TA=25°C

Parameter	Value	Unit
Power Dissipation	0.1	W
Pulsed Forward Current (1/10 Duty Cycle, 0.1ms Pulse width)	60	mA
Continuous Forward Current	30	mA
Derating Linear From 50°C	0.4	mA /°C
Reverse Voltage	5	V
Operation Temperature Range	-30°C to +80°C	
Storage Temperature Range	0°C to +40°C	
Lead Soldering Temperature [4mm (.157") From Body]	260°C for 5 Seconds	

Electrical / Optical Characteristics at TA=25°C

Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Luminous Intensity	IV	10	--	12	LM	IF=30mA
Viewing Angle	2 θ 1/2	110	--	120	deg	Note 2
Source Color	CCT	4123 ± 137			K	IF=30mA
Color rendering index	Ra	80	--	85		IF=30mA
Forward Voltage (R)	VF	3.0		3.2	V	IF=30mA
Reverse Current	IR	--	--	5	μA	VR=5V

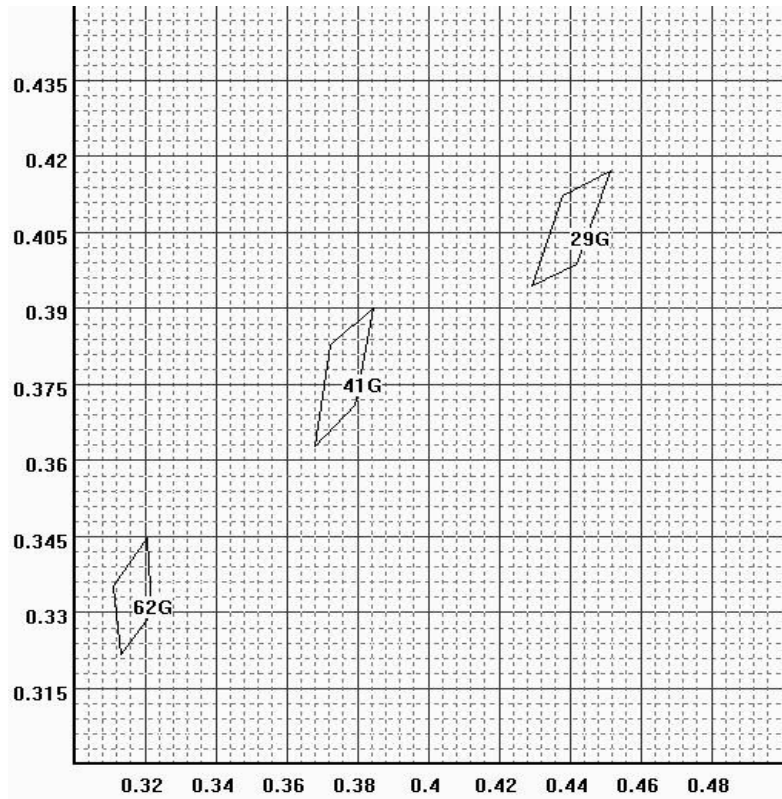
Notes: Luminous intensity is measured with a light sensor and filter combination that approximates the CIE (Commission International De L'Eclairage) eye-response curve. 1/2 is the off-axis angle at which the luminous intensity is half the axial luminous and intensity. The dominant wavelength, λ d is derived from the CIE chromaticity diagram and represents the single wavelength which defines the color of the device. The IV guarantee should be added ± 15%.

INTENSITY BIN LIMIT

0.1W(IF=30mA)

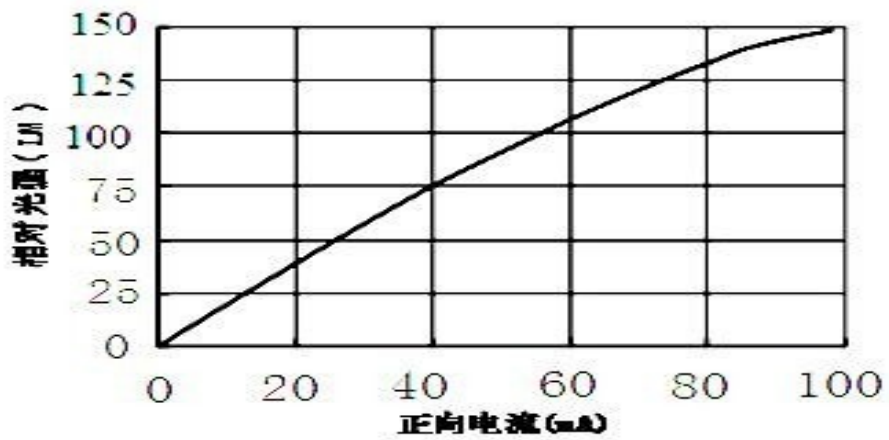
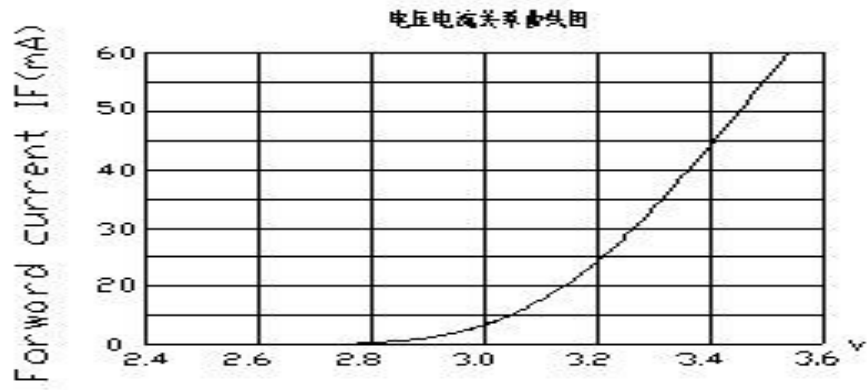
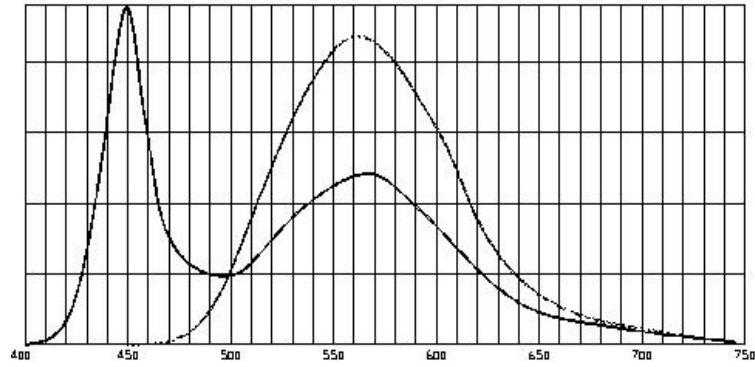
Bin Code	Min(Lm)	Max(Lm)
A	10	12

COLOR BIN LIMIT

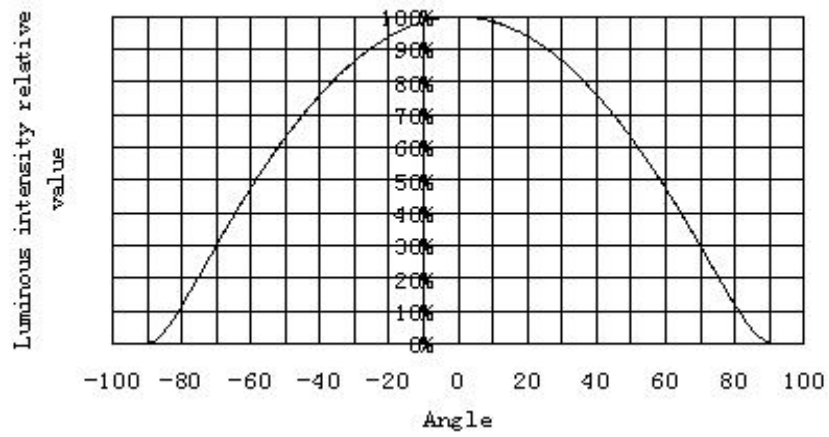
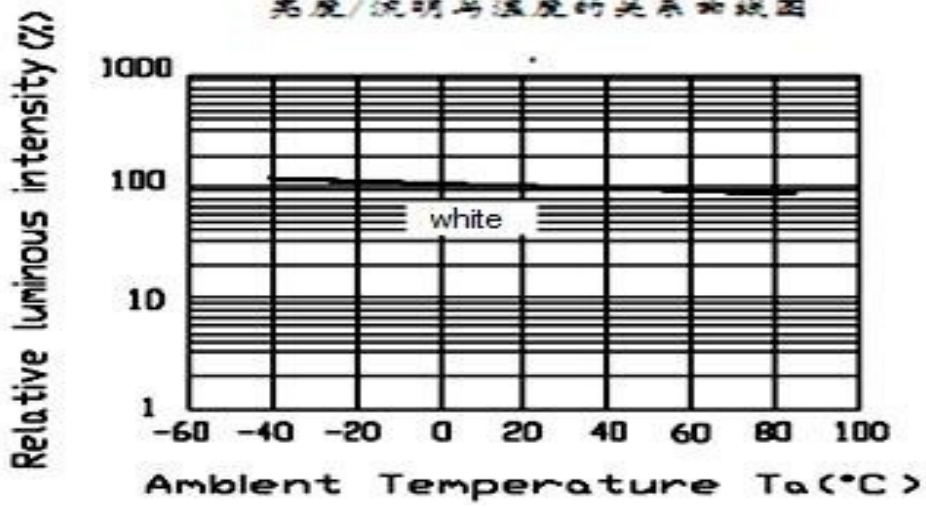


色区 代码	X	Y	色区 代码	X	Y	色区 代码	X	Y
29G	0.4295	0.3941	41G	0.3681	0.3627	62G	0.3133	0.3214
	0.4381	0.4120		0.3725	0.3825		0.3113	0.3350
	0.4515	0.4168		0.3845	0.3900		0.3208	0.3444
	0.4420	0.3985		0.3794	0.3706		0.3219	0.3296

Optical Characteristics



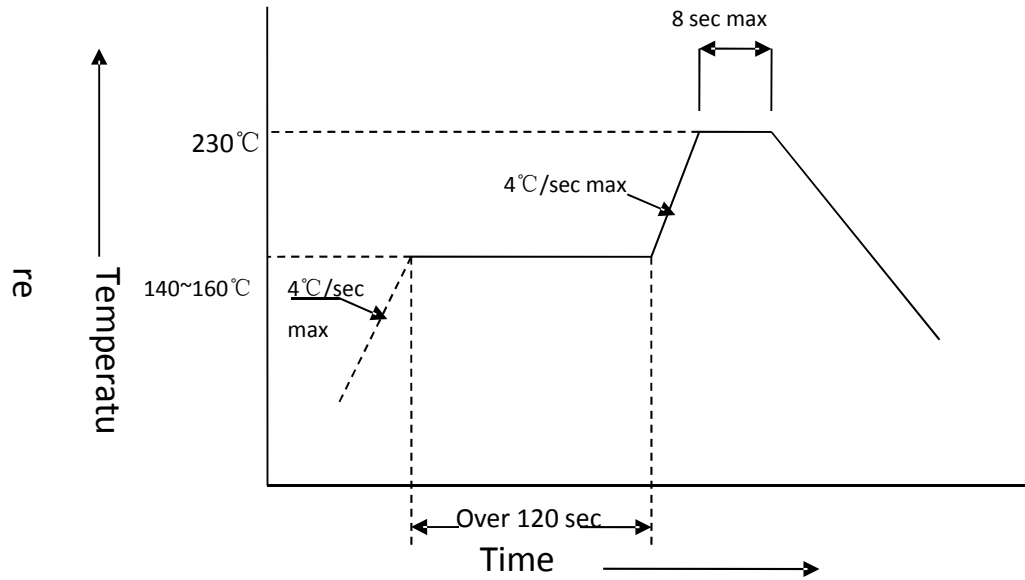
亮度/说明与温度的关系曲线图



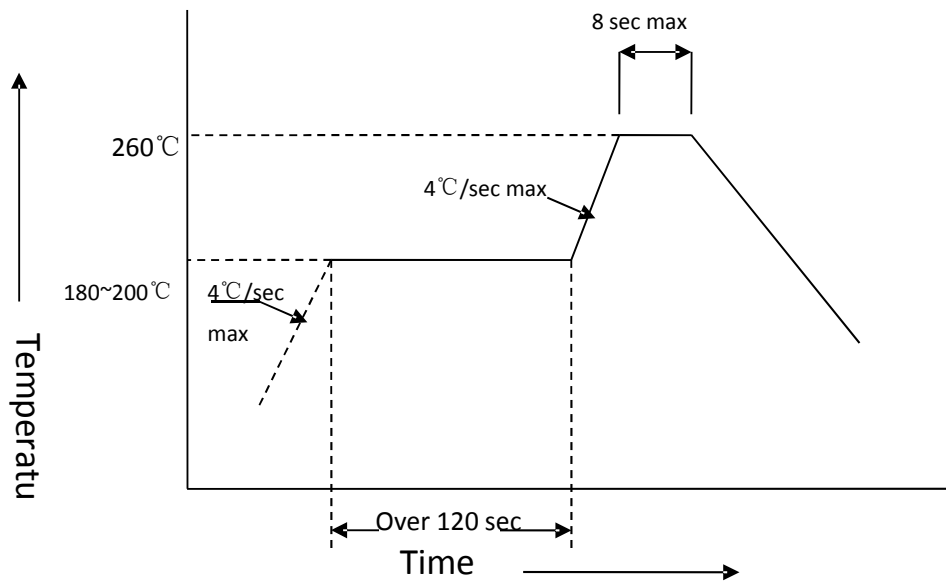
Reflow Soldering Instructions

Number of reflow process shall be less than 1 times and cooling

1>Lead Solder

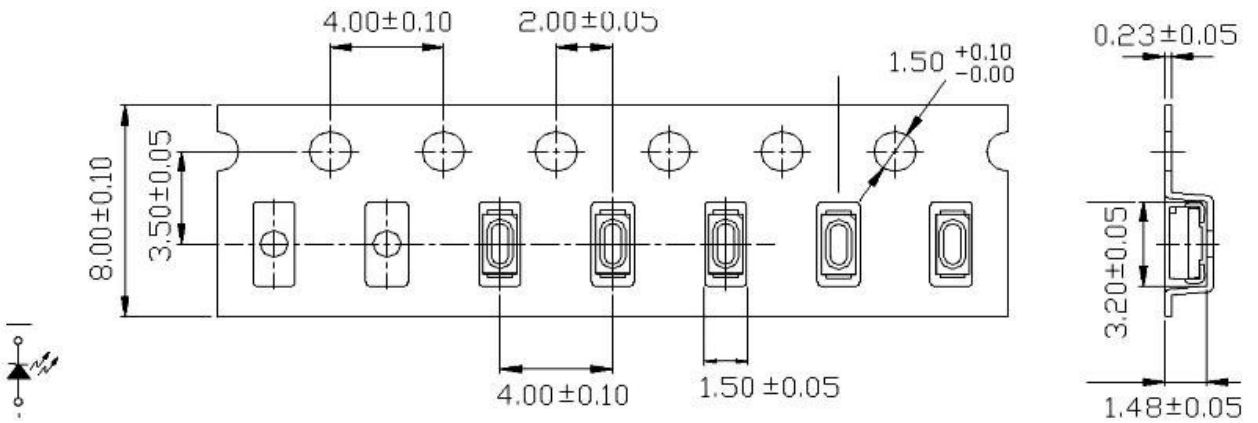


2>Lead-Free Solder



MeTape Specifications

<Units:mm>



Adhesion Strength of Cover Tape : Adhesion strength to be 0.1 – 0.7N when the cover tape is turned off from the carrier at 10° angle to be the carrier tape.(
0.1 – 0.7N)

SMD LED

