

# TX-H1309SW08A-2860V36-02H90

## PRODUCT SPECIFICATION

**Features:**

- ↵ Excellent transiting heat from LED chip operating under 400mA.
- ↵ Provide uniform cross distribution of positive white and warm white dual color scheme, mixed pure.
- ↵ High luminous output.
- ↵ No UV.
- ↵ Encapsulated materials are environmentally certified and meet environmental requirements.

**Chip Material:**

- ↵ GaInN

**Emitting Color:**

- ↵ White
- ↵ Warm white

**Applications:**

- ↵ Commercial lighting
- ↵ General Lighting

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**TYANSHINE**

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Guangzhou Tianxin Photoelectric Co., Ltd.

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**Electrical Optical Characteristics (Tc=25°C)**



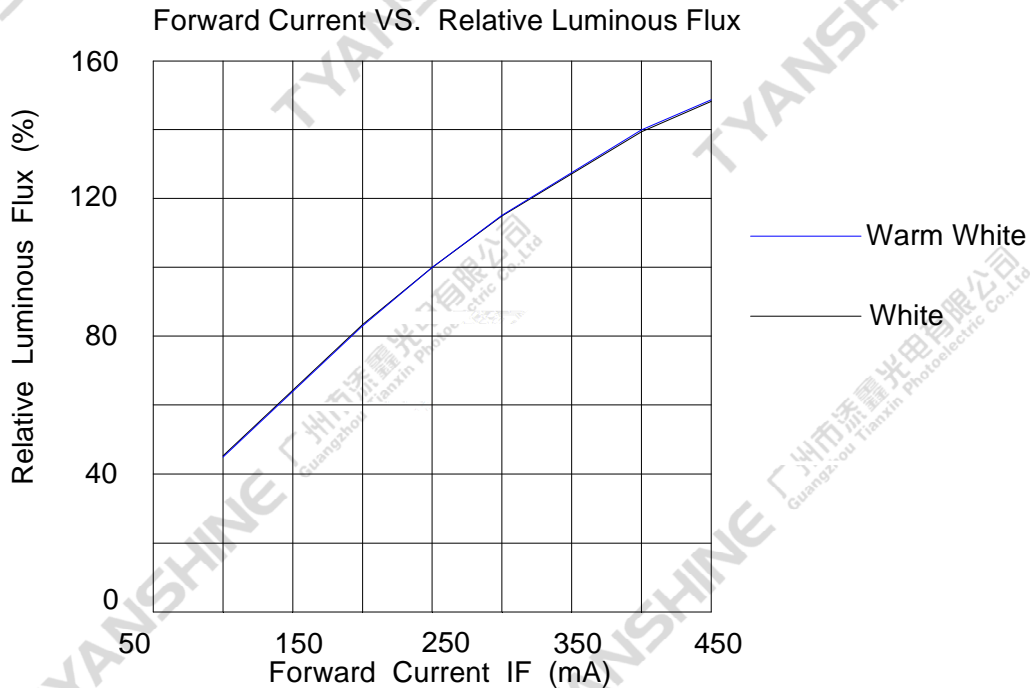
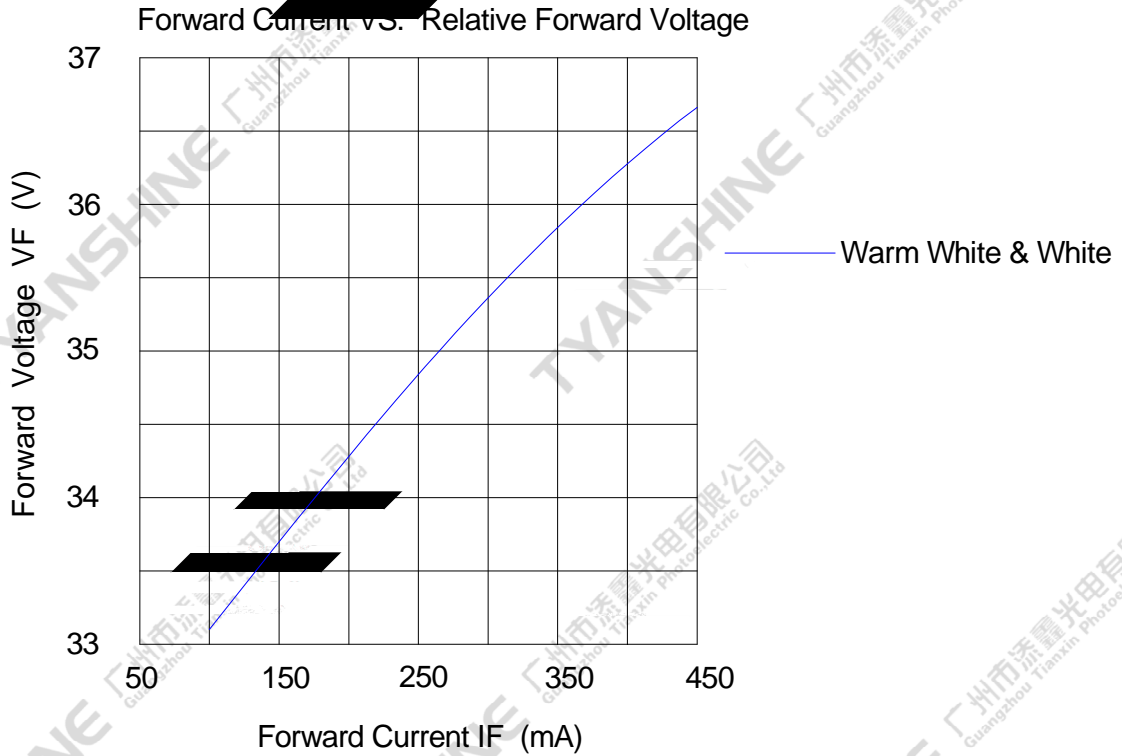
**Notes:**

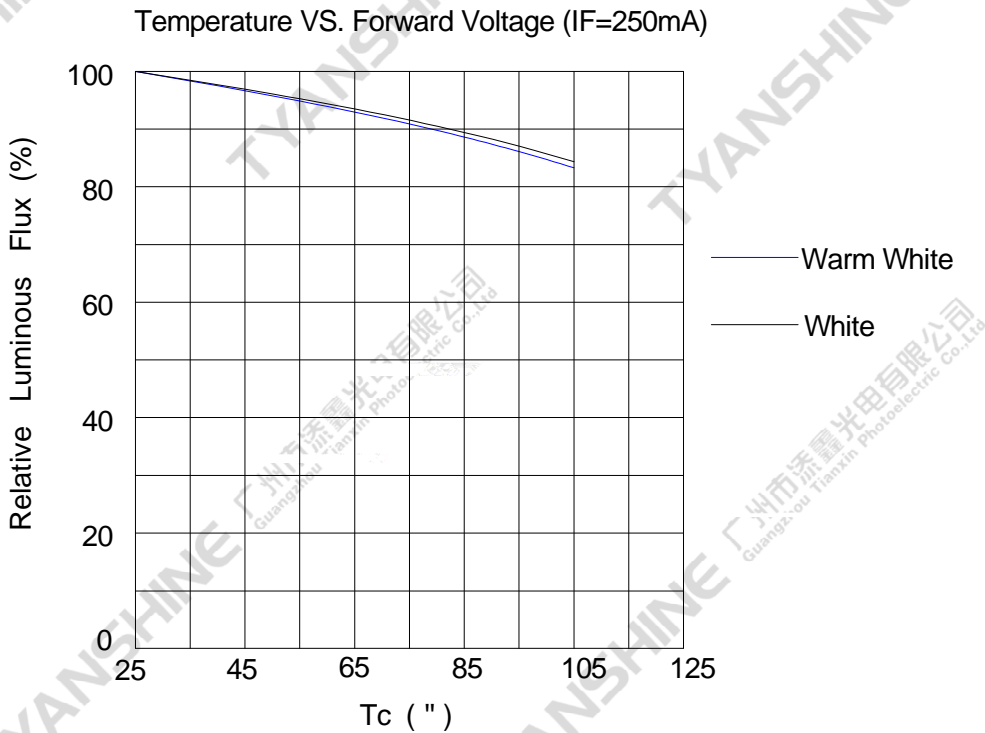
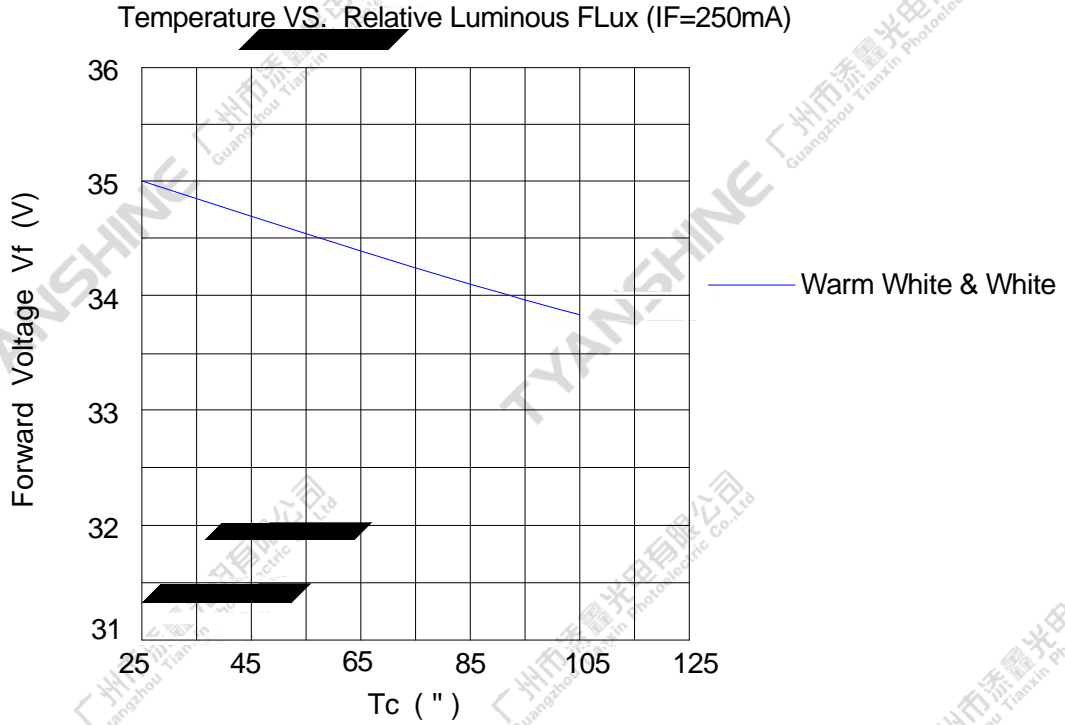
- 1. Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve.
- 2.  $\theta_{1/2}$  is the off-axis angle at which the luminous intensity is half the axial luminous intensity.
- 3. Luminous

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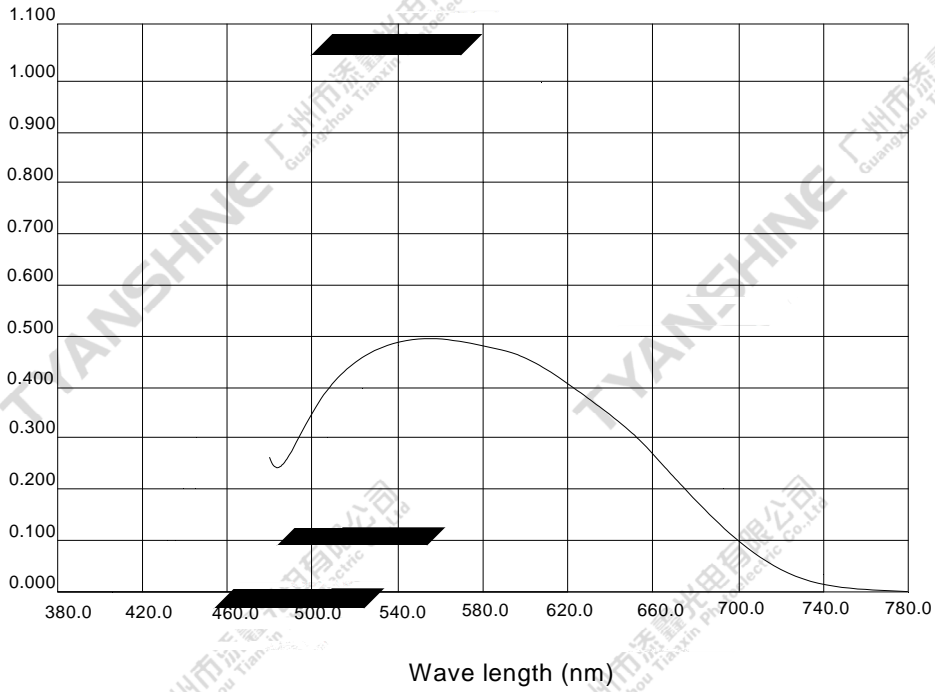
## Typical Electrical/Optical Characteristics Curves

(25 ° Ambient Temperature Unless Otherwise Noted)



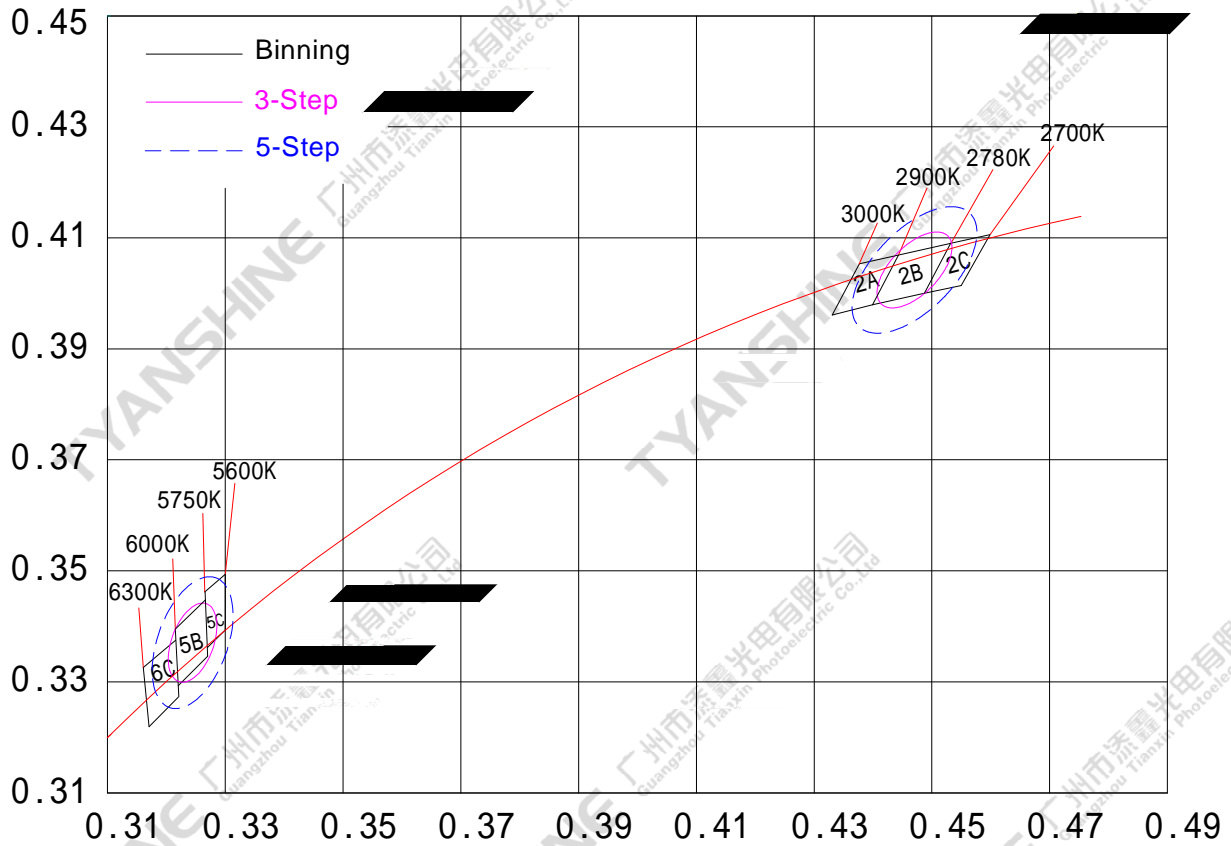


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**Chromaticity Coordinates Condition IF=250mA Tc=25 "**



**Notes:**

1.chromaticity (x, y) measurements tolerance:  $\pm 0.005$ .

**Reliability Test**

Test Item	Test Condition
Continuous Operation Test	IF=250mA Ta=25 " x1000hrs
Low Temperature Storage Test	-30 " x 1000 hours
High Temperature Storage Test	100 " x 1000 hours
Moisture-proof Test	85 " , 85 %RH for 500 hours
Thermal Shock Test	-30 " x 30 minutes – 100 " x 30 minutes, 100 cycle

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