

TX-H2560SW21A-2860V36-02H95

PRODUCT SPECIFICATION

Features:

- ↵ Excellent dissipating heat from LED chip operating under 2800mA.
- ↵ 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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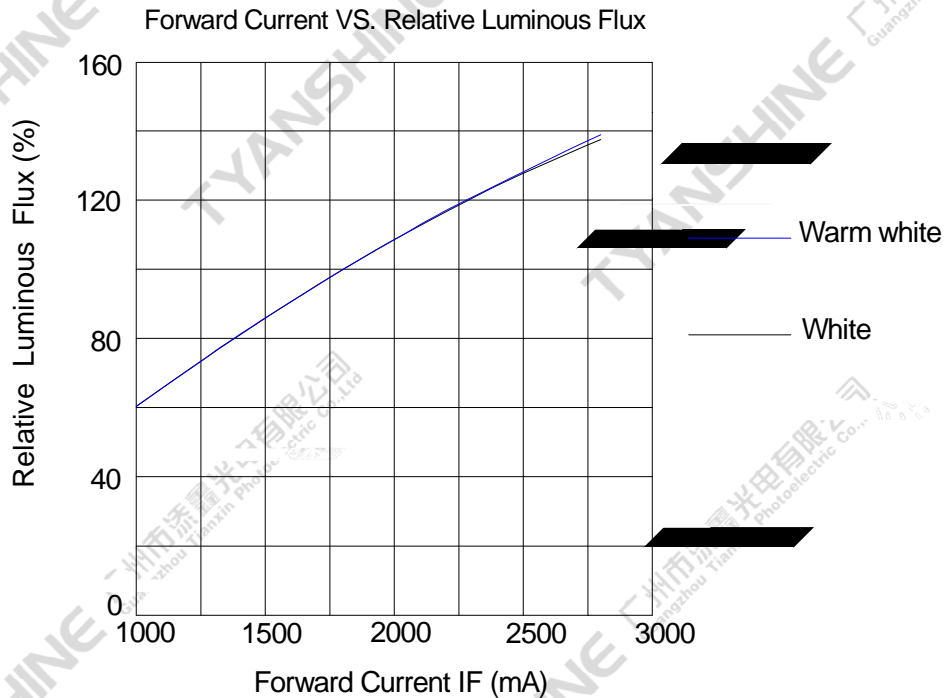
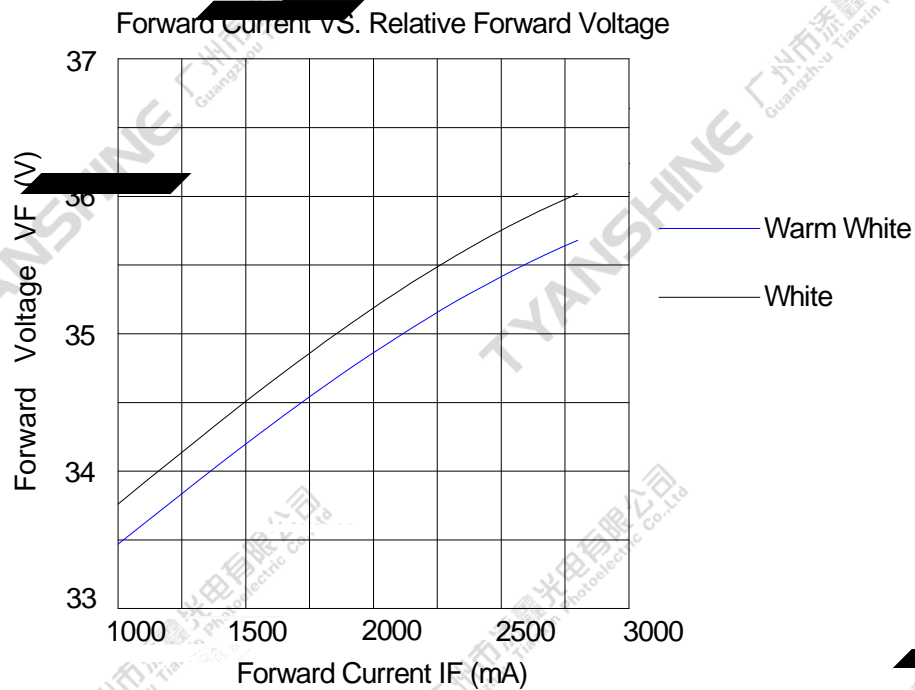
WKF-B

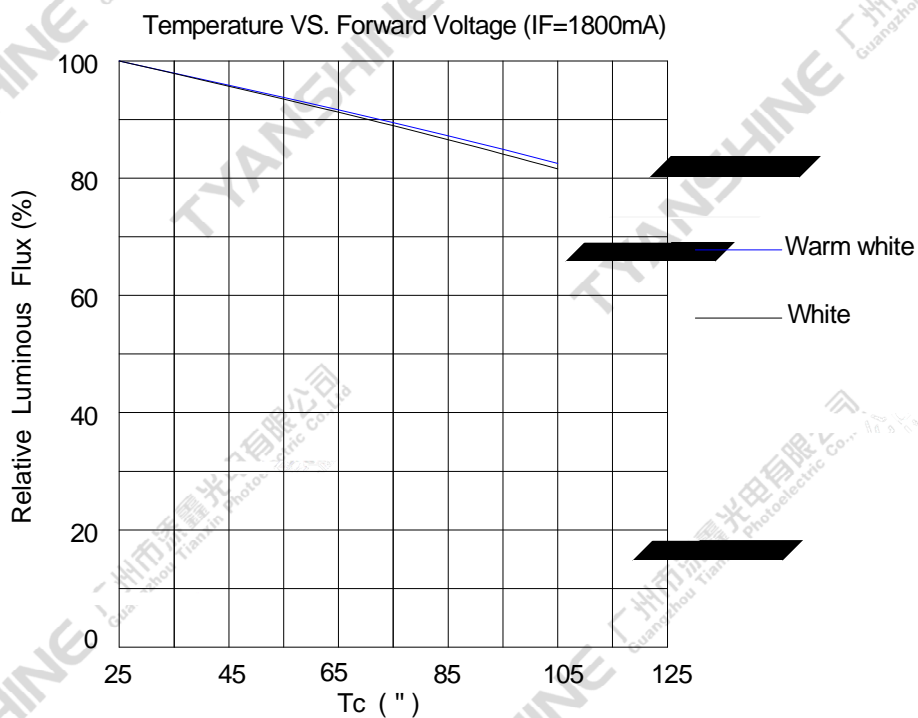
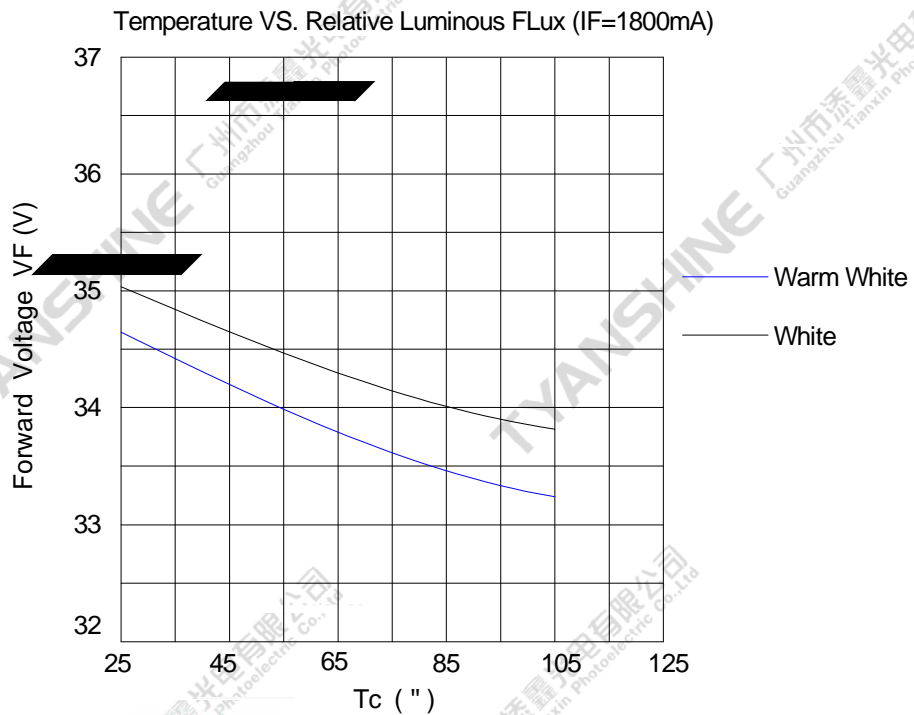
Electrical Optical Characteristics (Tc=25°C)

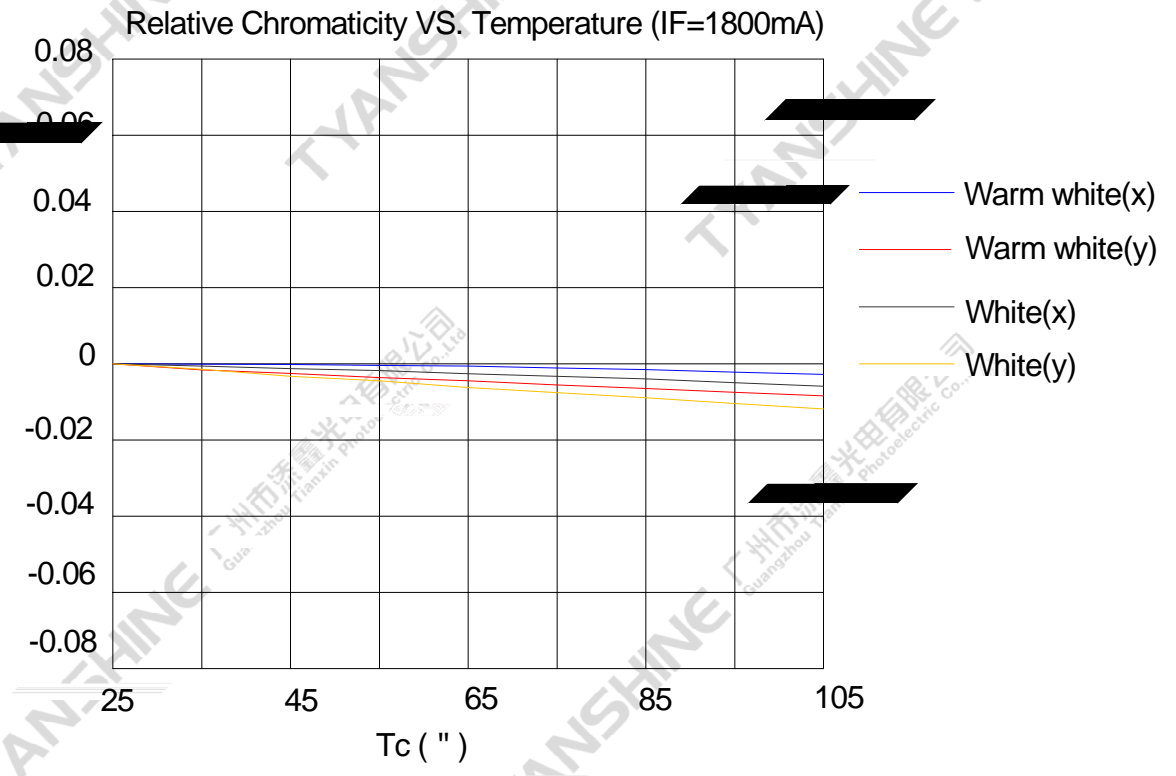
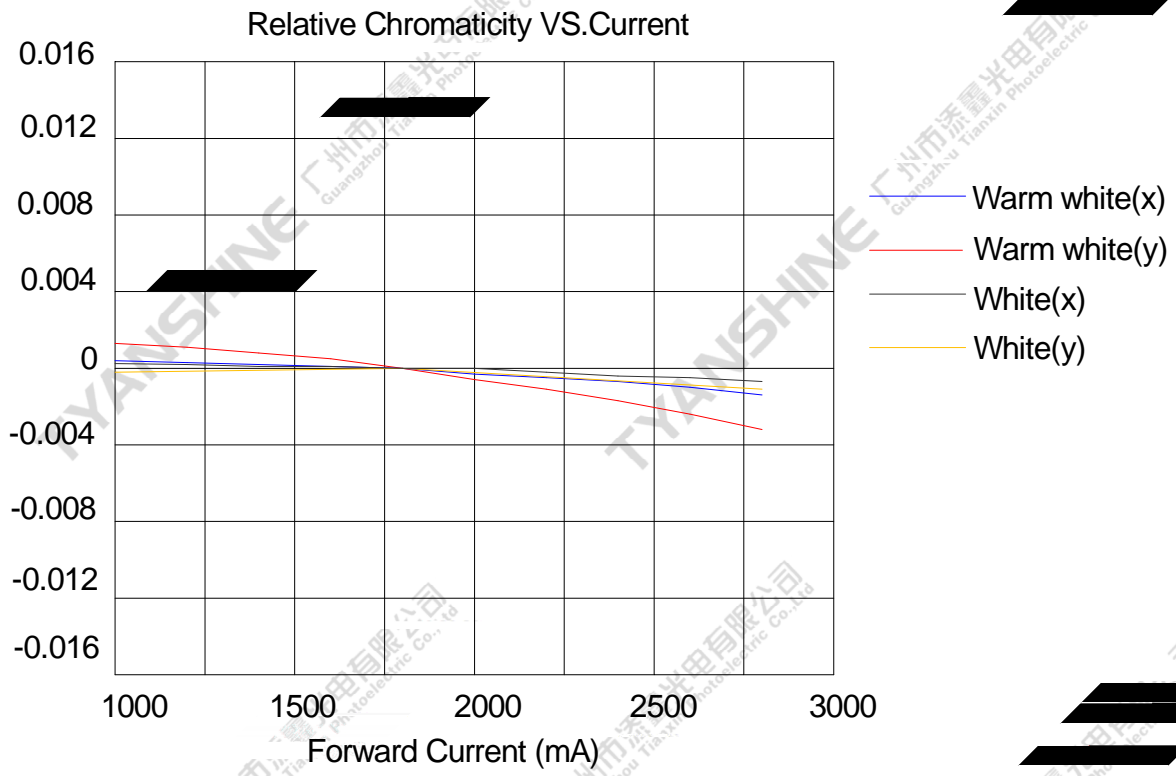
Parameter	Symbol	Condition	Emitting color	Min.	Typ.	Max.	Units
Luminous Flux	ϕ_v		S	—	4560	—	lm
			W	—	6160	—	
Forward Voltage	V_f	If=1800mA	S	32	34	36	V
			W	32	34	36	
Correlated Colour Temperature	CCT		S	—	2800	—	K
			W	—	6000	—	
Viewing Angle at 50°IV	$2\theta_{1/2}$		S	—	115	—	Deg
			W	—	115	—	
Reverse Current	I_R		—	—	—	μA	
Thermal Resistance Junction to Case	$R_{\theta J-C}$		S	—	0.11	—	
			W	—	0.12	—	
Temperature Coefficient of Voltage	$V \Delta F/T$	If=1800mA	S	—	-13.2	—	mV/°C
			W	—	-13.2	—	
Colo1 cs 0 0 0 scn BT /TT1 1 Tf 10.44999 0 0 10.44999 476.49826 407.39149 c276.49826 407.39149 c276.49826							

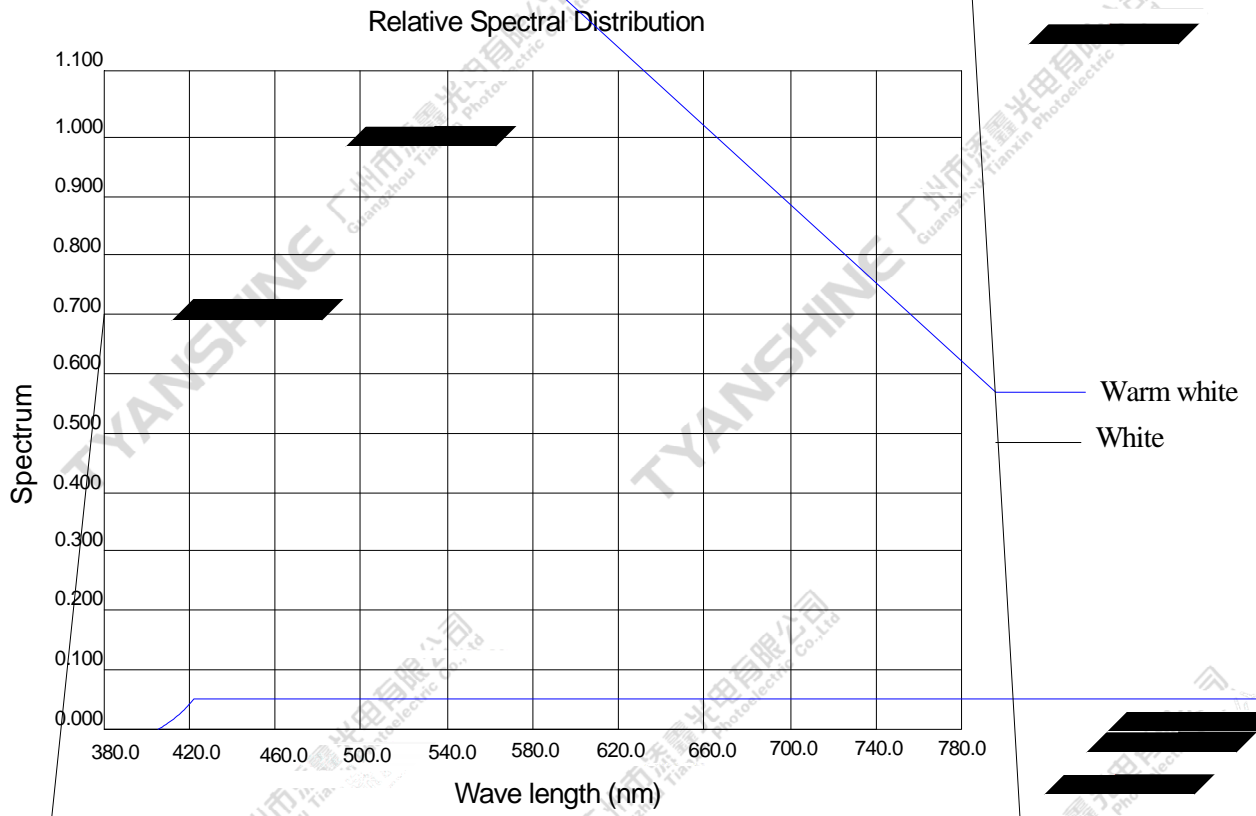
Typical Electrical/Optical Characteristics Curves

(25 ° Ambient Temperature Unless Otherwise Noted)

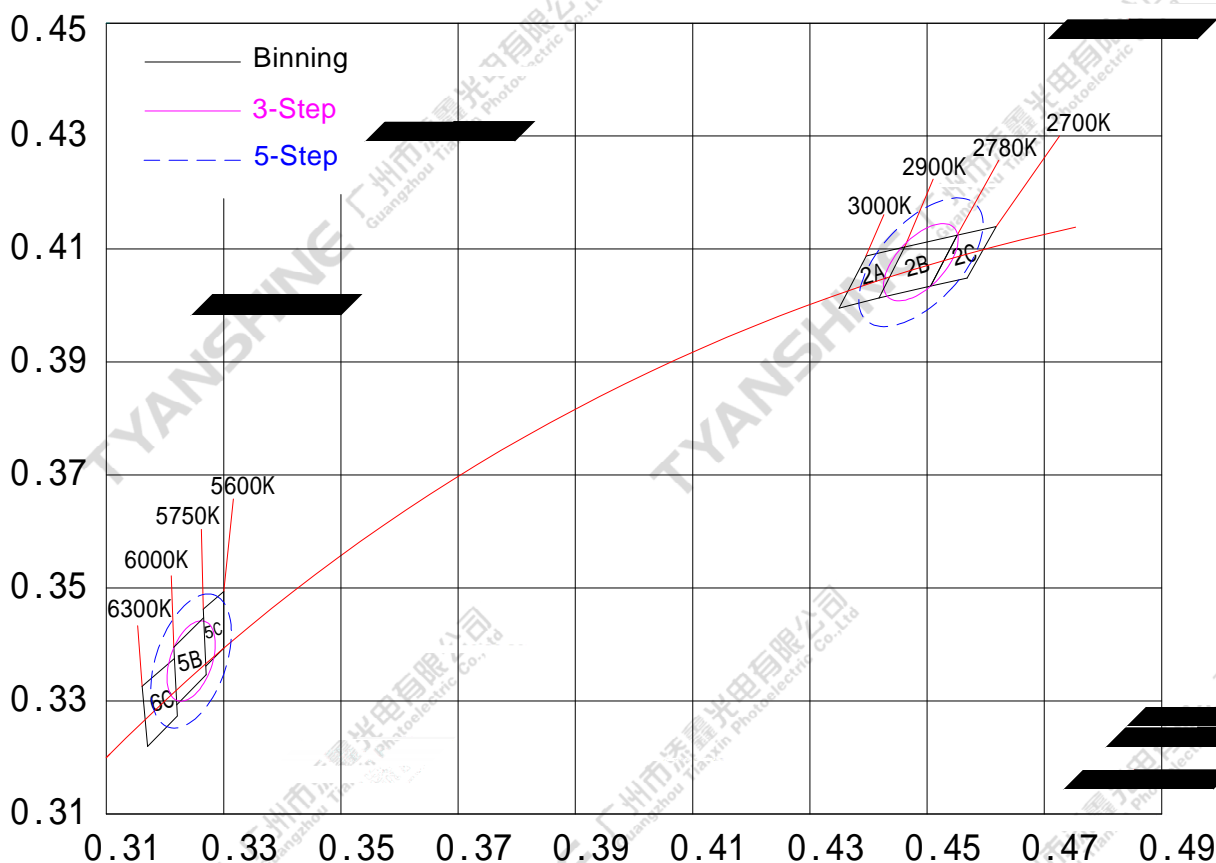








Chromaticity Coordinates Condition IF=1800mA Tc=25 "



Reliability Test

Test Item	Test Condition
Continuous Operation Test	IF=1800mA Ta=25 " ×1000hrs
Low Temperature Storage Test	-30 " × 1000 hours
High Temperature Storage Test	100 " × 1000 hours
Moisture-proof Test	85 " , 85 %RH for 500 hours
Thermal Shock Test	-30 " × 30 minutes – 100 " × 30 minutes, 100 cycle

