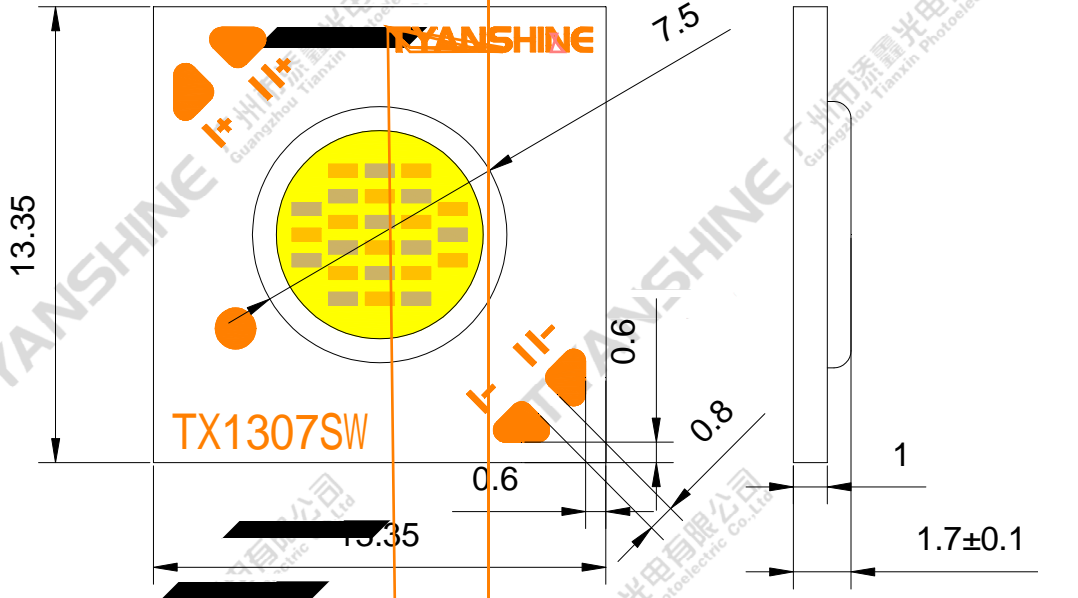


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Package Dimensions:



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Absolute Maximum Ratings

Parameter	Symbol	
Forward Current	IF	
Reverse Voltage	VR	
Power Dissipation	PD	W
		S
Junction Temperature	Tj	W
		S
Case Temperature (C)	Tc	
Electrostatic Discharge Threshold (ESD)	ESD	
Storage Temperature	Tstg	
Operation Temperature	Topr	

Notes:

- 1.Specifications are subject to change without notice.
- 2.The data on this specification is for

Electrical Optical Characteristics (Tc=25°C)

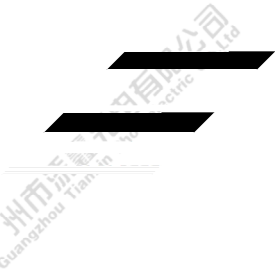
Parameter	Symbol	Condition	Emitting color	Min.	Typ.	Max.	Units
Luminous Flux	v	If=200mA	S	—	600	—	lm
			W	—	750	—	
Forward Voltage	V _f		S	34	36	38	V
			W	34	36	38	
Correlated Colour Temperature	CCT		S	—	2800	—	K
			W	—	6000	—	
Viewing Angle at 50° IV	2 1/2		S	—	115	—	Deg
			W	—	115	—	
Reverse Current	I _r		—	—	—	—	μA
Thermal Resistance Junction to Case	R _{J-C}		S	—	2.07	—	K/W
		W	—	2.07	—		
Temperature Coefficient of Voltage	V _{F/T}	S	—	-17	—	mV/	
		W	—	-17	—		
Color Rendering Index	Ra	S	—	90	—	—	
		W	—	90	—		

Notes:

- 1.Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve.
2. 1/2 is the off-axis angle at which the luminous intensity is half the axial luminous intensity.
- 3.Luminous flux measurement tolerance:±15%.
- 4.Forward voltage measurement tolerance:±0.15V.

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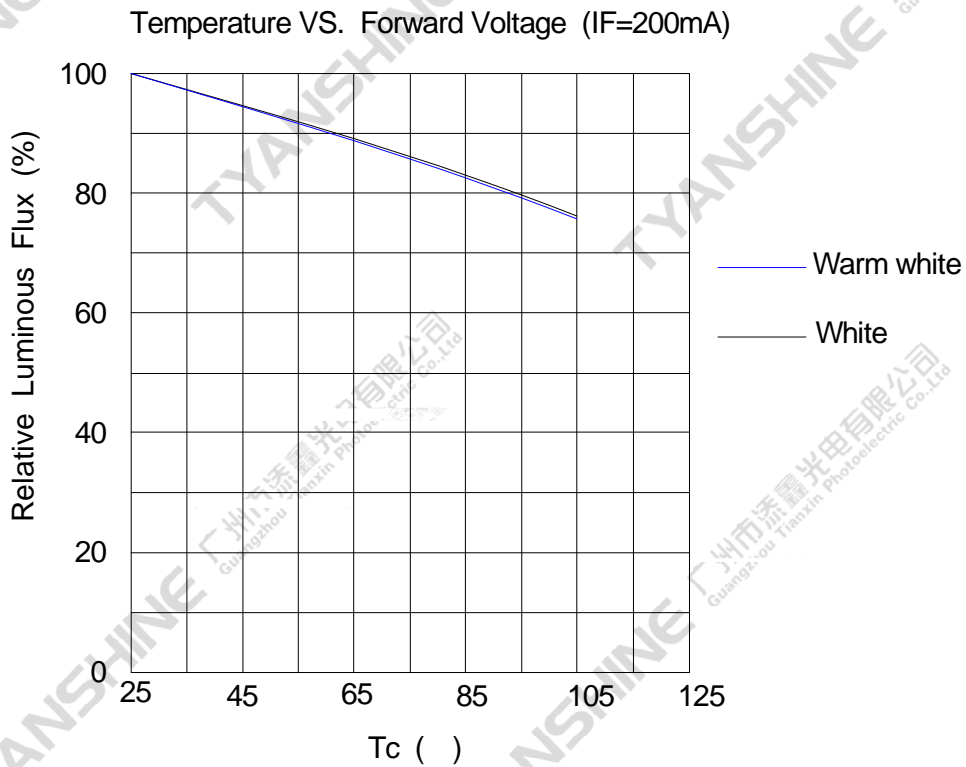
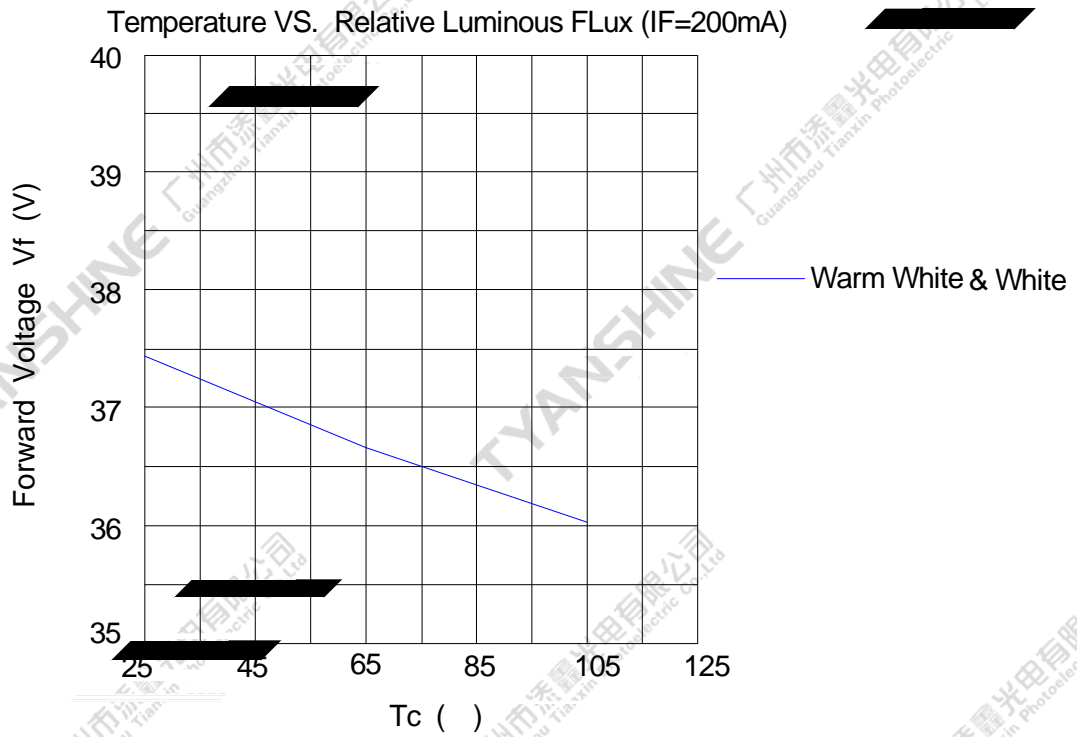
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Guangzhou Tianxin Photoelectric Co., Ltd.

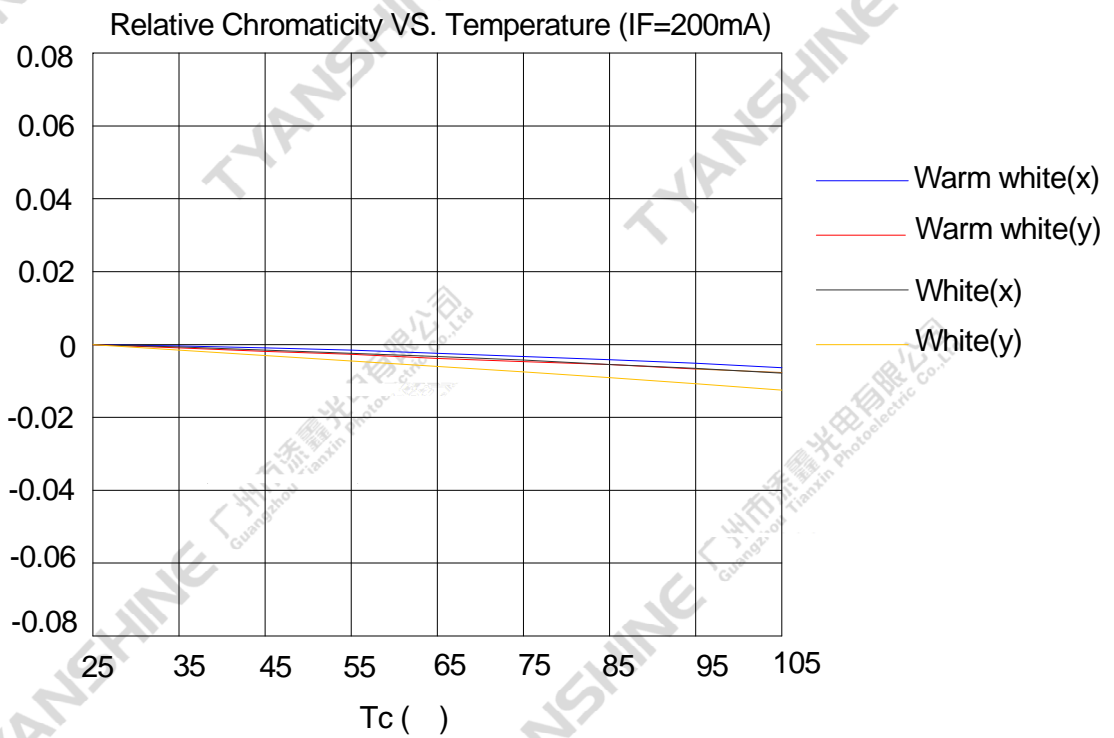
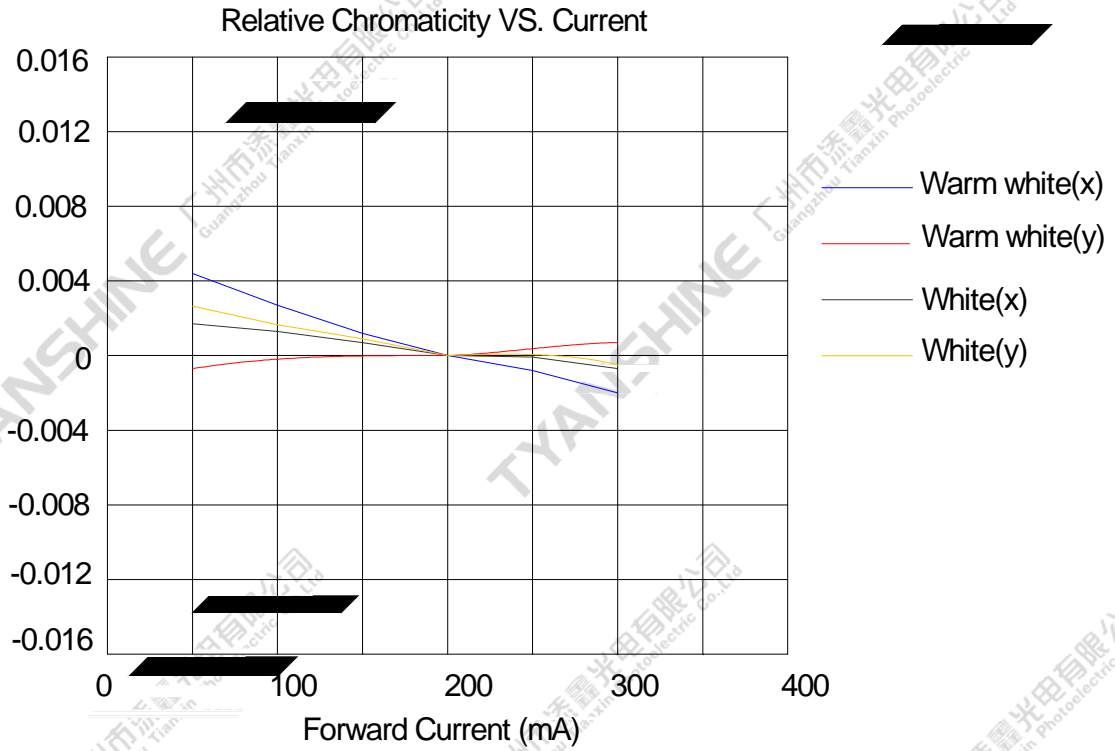
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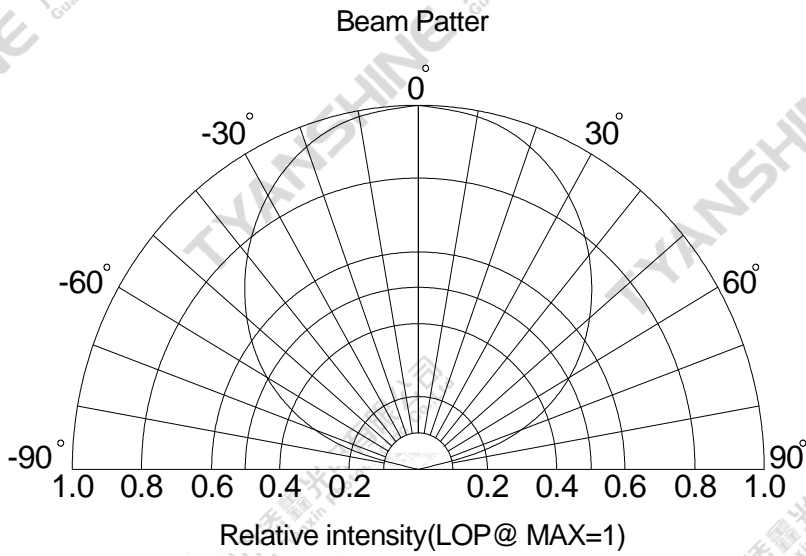
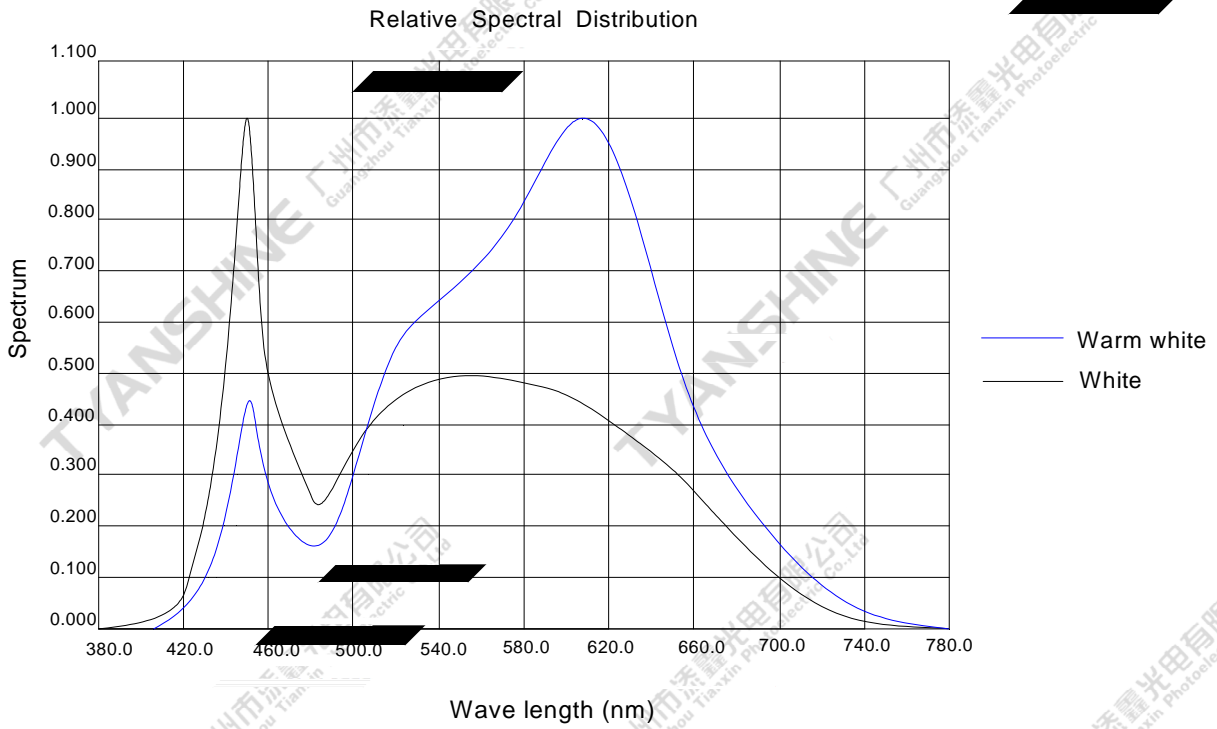
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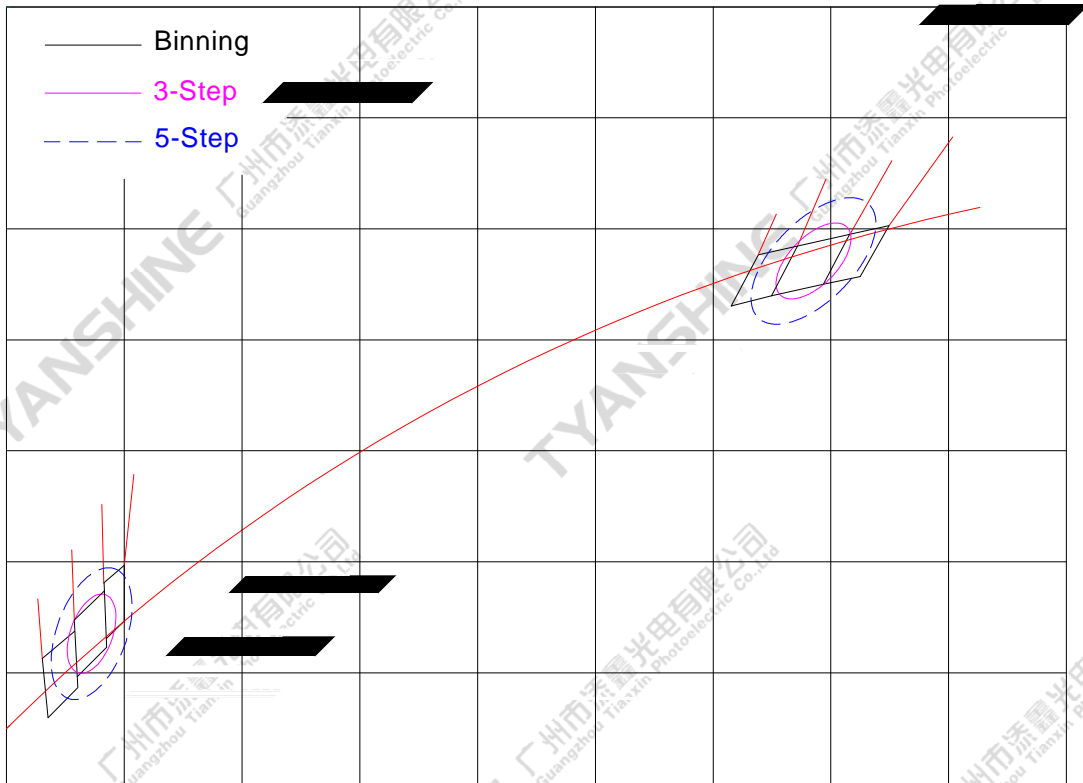


Notes:

1. 2 1/2 is the off axis angle from lamp centerline where the luminous intensity is 1/2 of the peak value.
2. View angle tolerance is $\pm 5^\circ$.

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Chromaticity Coordinates Condition IF=200mA Tc=25



Reliability Test

Test Item	Test Condition
Continuous Operation Test	IF=200mA 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

