

H1825SW14A-2757V36-02H90

PRODUCT SPECIFICATION

Features:

- ↵ Excellent transiting heat from LED chip operating under 1200mA.
- ↵ 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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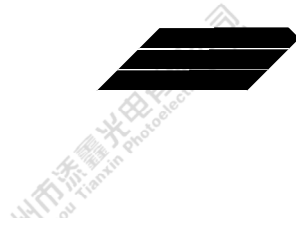
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Electrical Optical Characteristics (Tc=25°C)

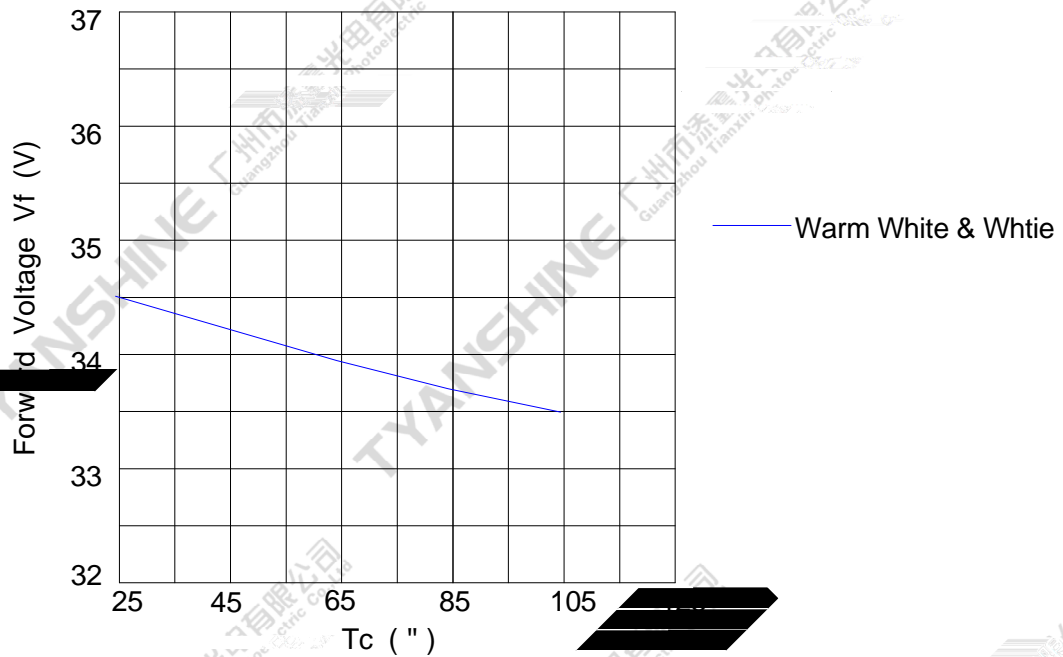
Parameter	Symbol	Condition	Emitting color	Min.	Typ.	Max.	Units
Luminous Flux	N _v	If=750mA	S	—	2000	—	lm
			W	—	2750	—	
Forward Voltage	V _f		S	32	34	36	V
			W	32	34	36	
Correlated Colour Temperature	CCT		S	—	2800	—	K
			W	—	5800	—	
Viewing Angle at 50cd/IV	2 1/2		S	—	115	—	Deg
			W	—	115	—	
Reverse Current	I _R		—	—	—	—	μA
Thermal Resistance Junction to Case	R _{J-C}		S	—	0.28	—	K/W
		W	—	0.28	—		
Temperature Coefficient of Voltage	V _A F/T	S	—	-13.2	—	mV/ "	
		W	—	-13.2	—		
Color Rendering Index	Ra	S	—	90	—	—	
		W	—	90	—		

Notes:

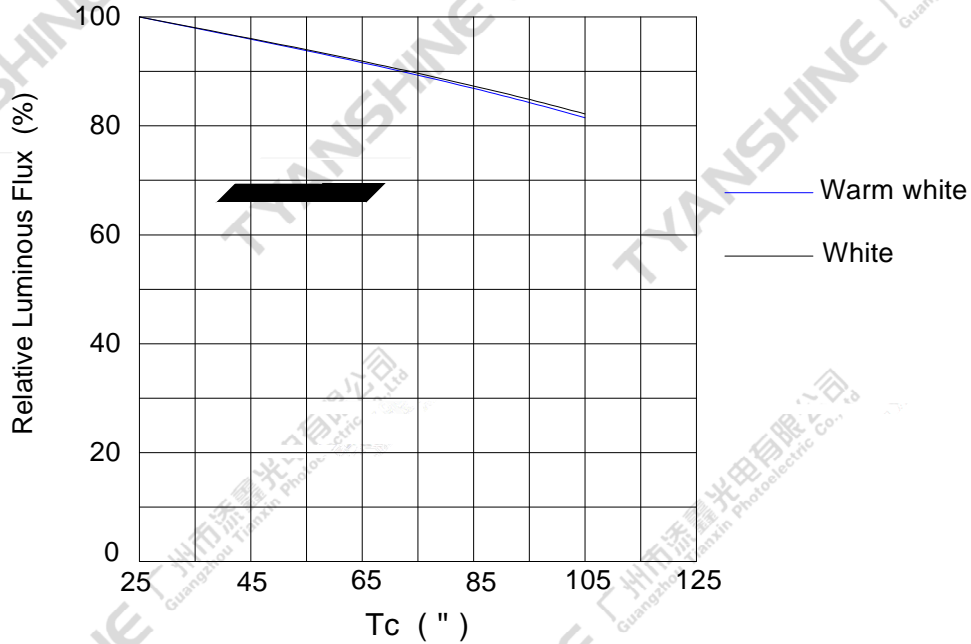
- 1.Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve.
2. 1/2 is the off-axis angle at which the luminous intensity is half the axial luminous intensity.
- 3.Luminous flux measurement tolerance:±15%.
- 4.Forward voltage measurement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



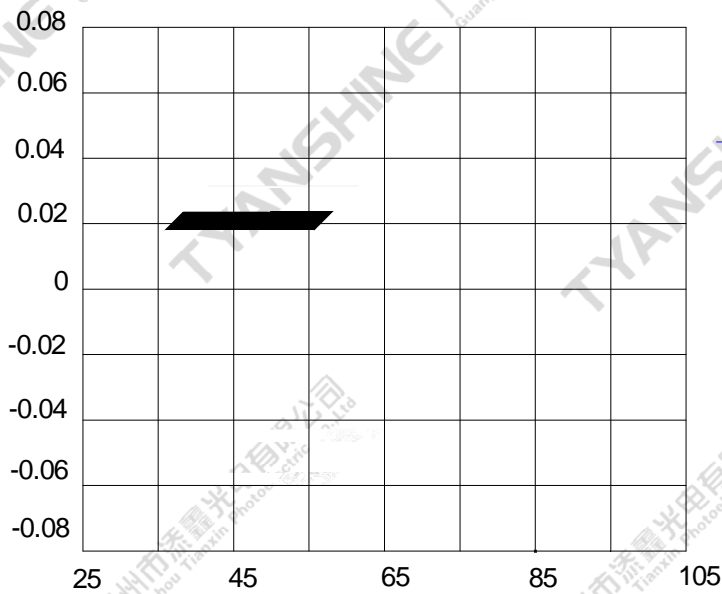
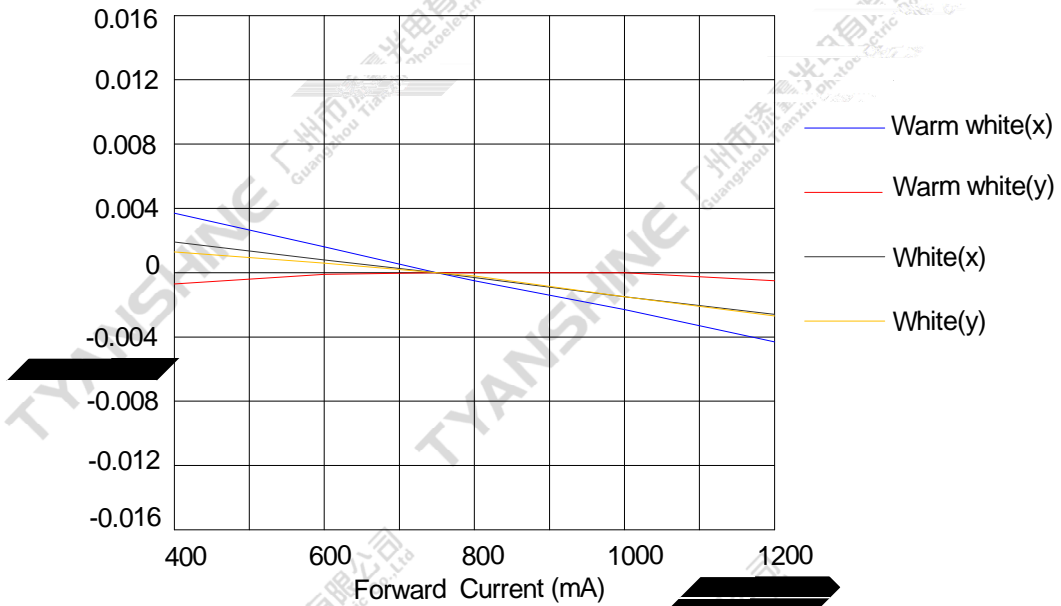
Temperature VS. Relative Luminous FLux (IF=750mA)



Temperature VS. Forward Voltage (IF=750mA)



Relative Chromaticity VS. Current





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