

TYANSHINE 广州市添鑫光电有限公司
Guangzhou Tianxin Photoelectric Co.,Ltd

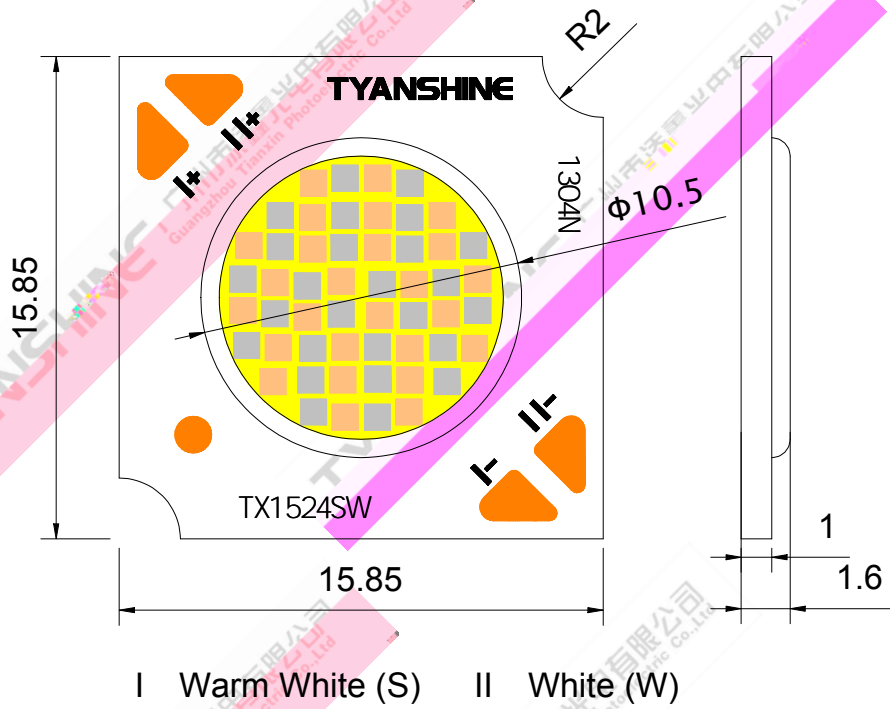
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Excellent transiting heat from LED chip operating under 700mA.
Provide uniform cross distribution of positive white and warm white dual color scheme, mixed pure.
High luminous output.
No UV.
Encapsulated materials are environmentally certified and meet environmental requirements.

GaN

White
Warm white

Commercial lighting
General Lighting



- 1.All dimensions are in millimeters .
- 2.Tolerances unless otherwise mentioned are $\pm 0.25\text{mm}$.

TX-1524SW11A-2760V39-03H95

TYANSHINE — series watt type performance LES texture

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Forward Current	IF	700	mA
Reverse Voltage	VR	Not designed for reverse operation	V
Power Dissipation	PD	S	27
		W	27
		S+W	27
Junction Temperature	Tj	S	150
		W	150
Case Temperature (C)	Tc	85	
Electrostatic Discharge Threshold (ESD)	ESD	2000	V
Storage Temperature	Tstg	-30~+100	
Operation Temperature	Topr	-30~+85	

1.Specifications are subject to change without notice.

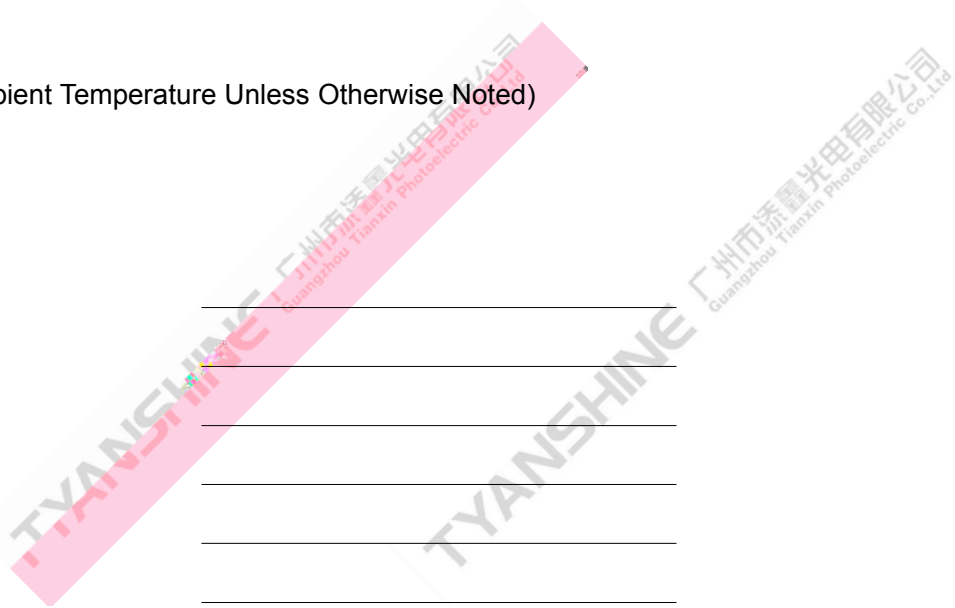
2.The data on this specification is for reference only and the actual data is in accordance with the acknowledgment.

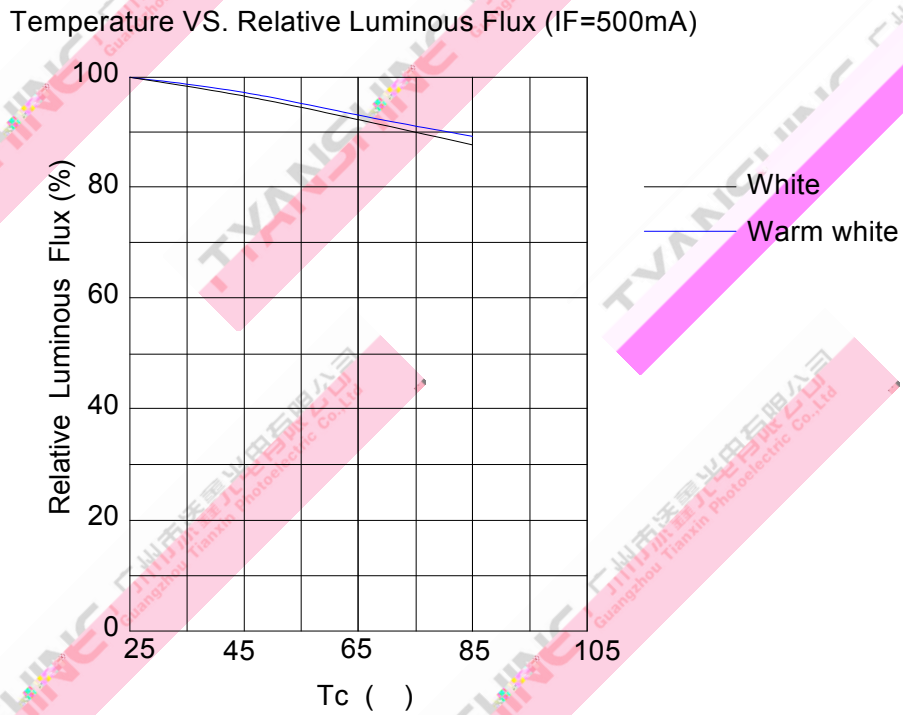
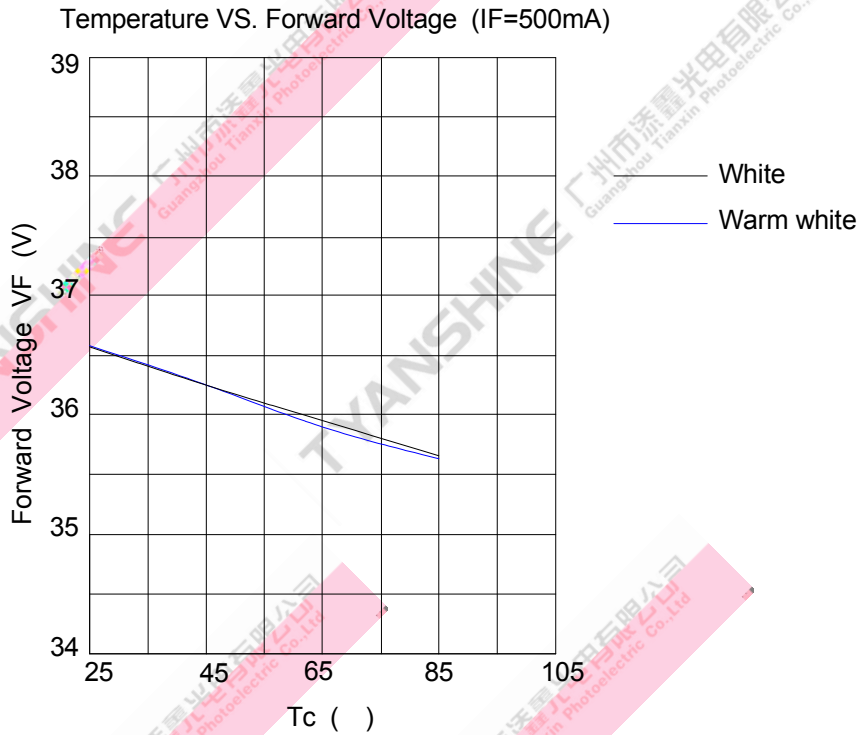
3.Precautions for ESD:

STATIC SHIELD Electricity and surge damages the LED. It is recommended to use a wrist band or anti-electrostatic glove when handling the LED. All devices, equipment and machinery must be properly grounded.

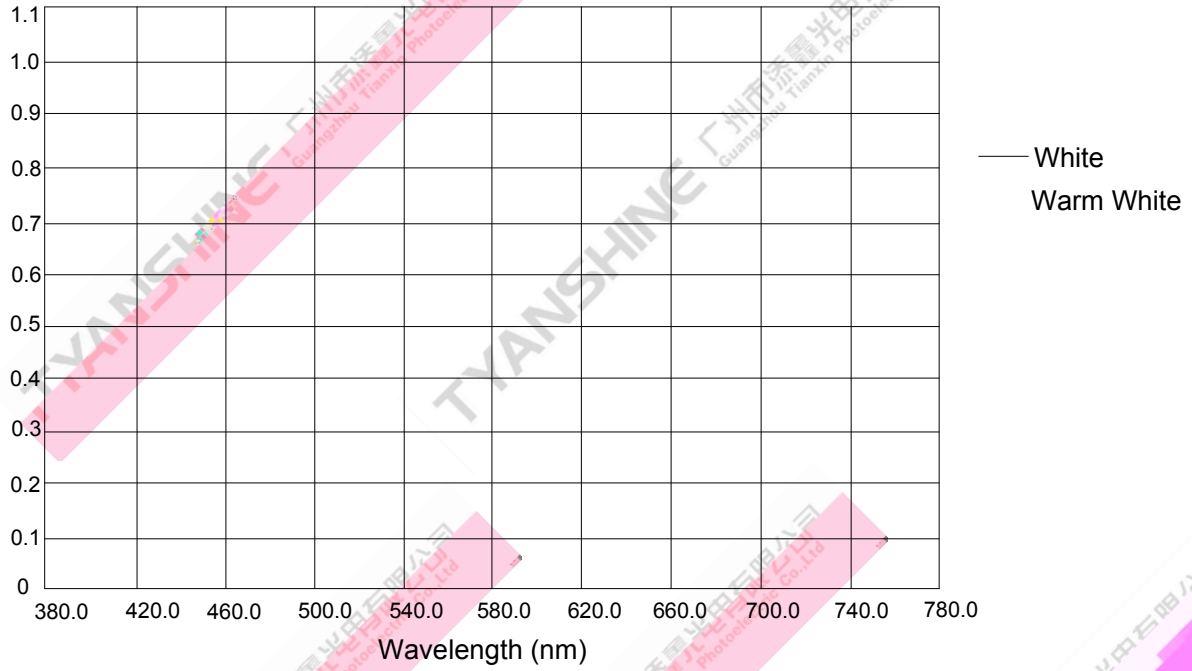
Luminous Flux	Φ_v		S	1350	1550	1750
			W	1800	2100	2300
Forward Voltage	V_f		S	35	37	39
			W	35	37	39
Correlated Colour Temperature	CCT	If=500mA	S	2620	2700	2760
			W	5750	6000	6300
Viewing Angle at 50° IV	$2\theta_{1/2}$		S	—	115	—
			W	—	115	—
Reverse Current	I_R		—	—	—	μA
Thermal Resistance Junction to Case	$R_{\theta JC}$	Y2CL-5	—	—	1.45	—

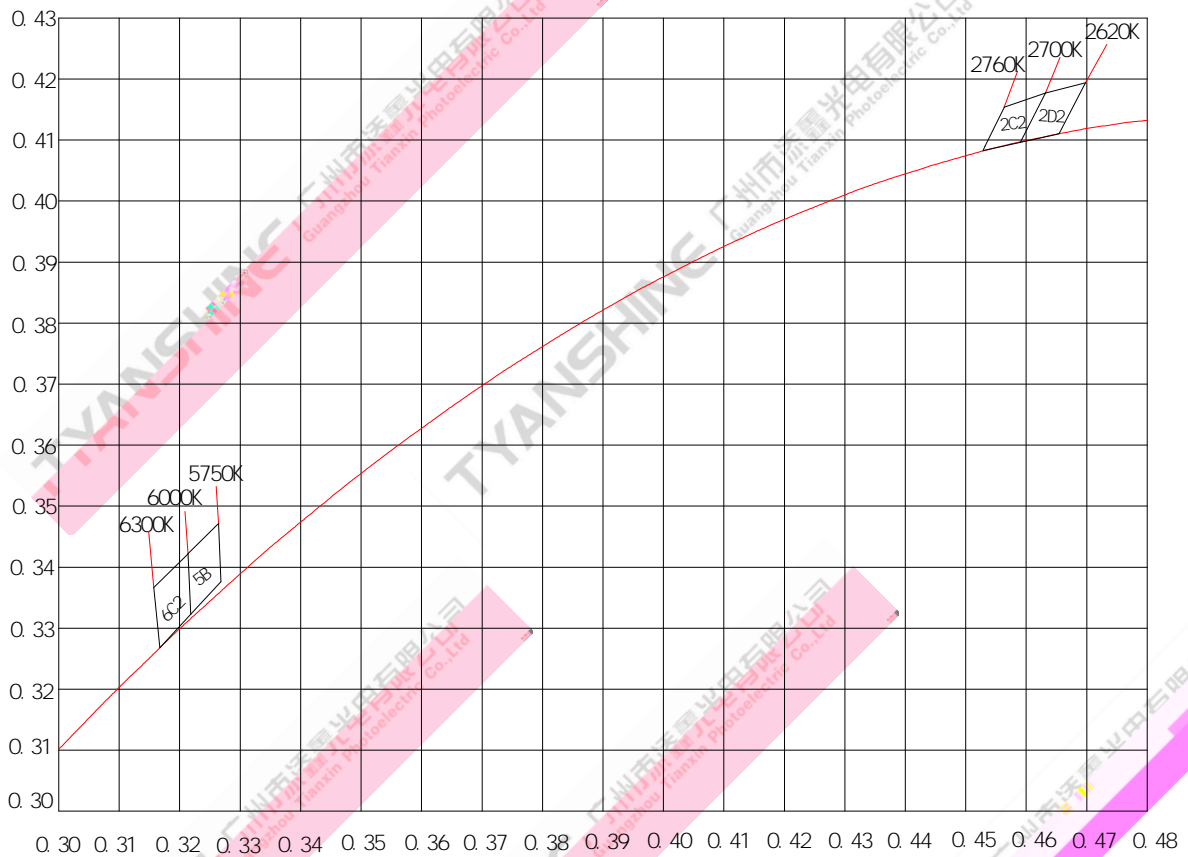
(25 Ambient Temperature Unless Otherwise Noted)





Relative Spectral Distributib





1. chromaticity (x, y) measurements tolerance: ± 0.005 .

Test Item	Test Condition
Continuous Operation Test	IF=500mA 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

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