

Excellent transiting heat from LED chip operating under 1.0A.

High luminous output.

No UV.

Encapsulated materials are environmentally certified and meet environmental requirements.

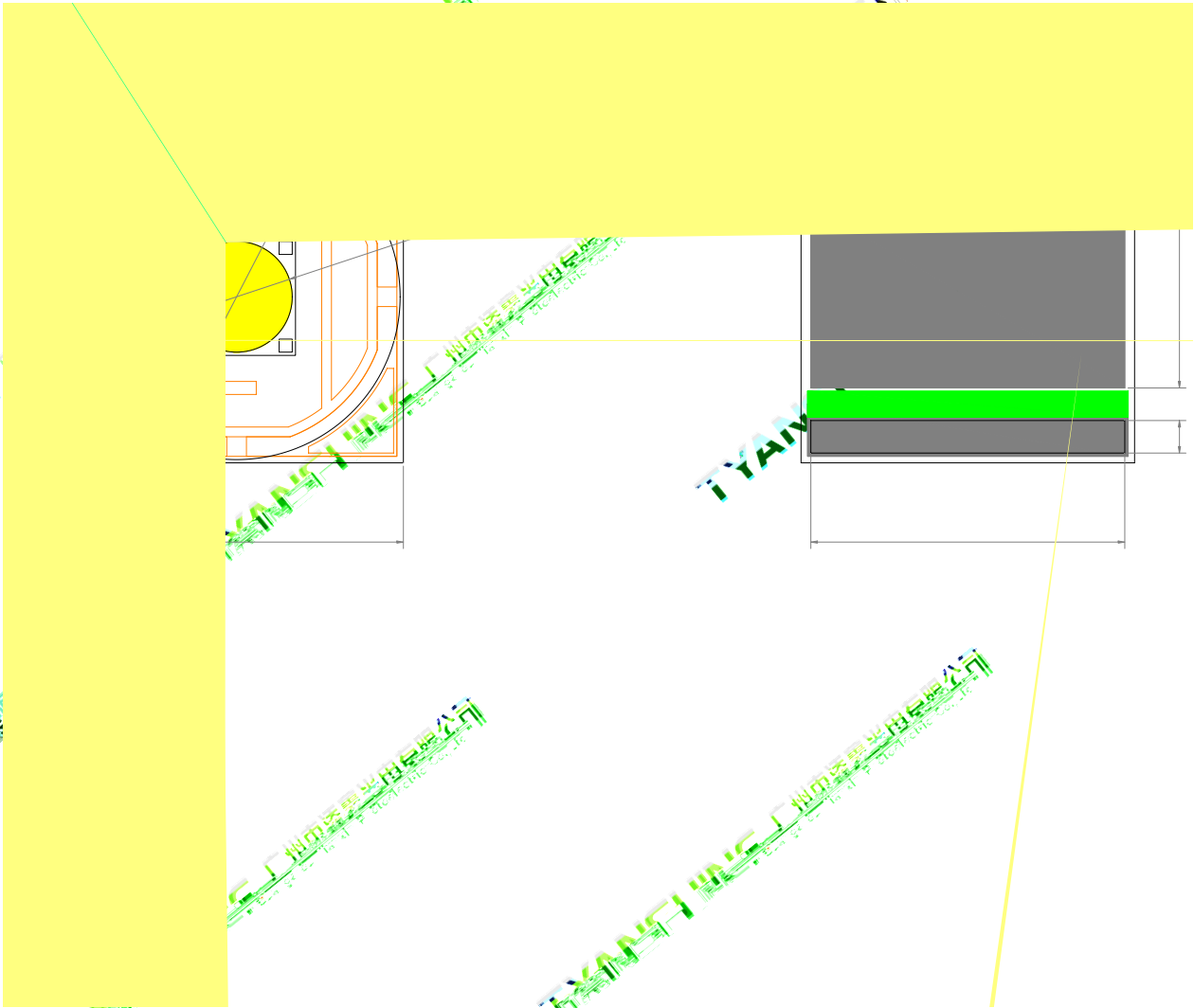
ThinGaN

White W

Auxiliary lighting

Ambient lighting

Architectural lighting



Forward Current	IF	3.5	A
Reverse Voltage	VR	Not designed for reverse operation	V
Power Dissipation	P _D	24	W
Junction Temperature	T _j	150	
Electrostatic Discharge Threshold (ESD)	ESD	2000	V
Storage Temperature	T _{stg}	-20~+70	
Operation Temperature	T _{opr}	-30~+85	

1. Specifications are subject to change without notice.

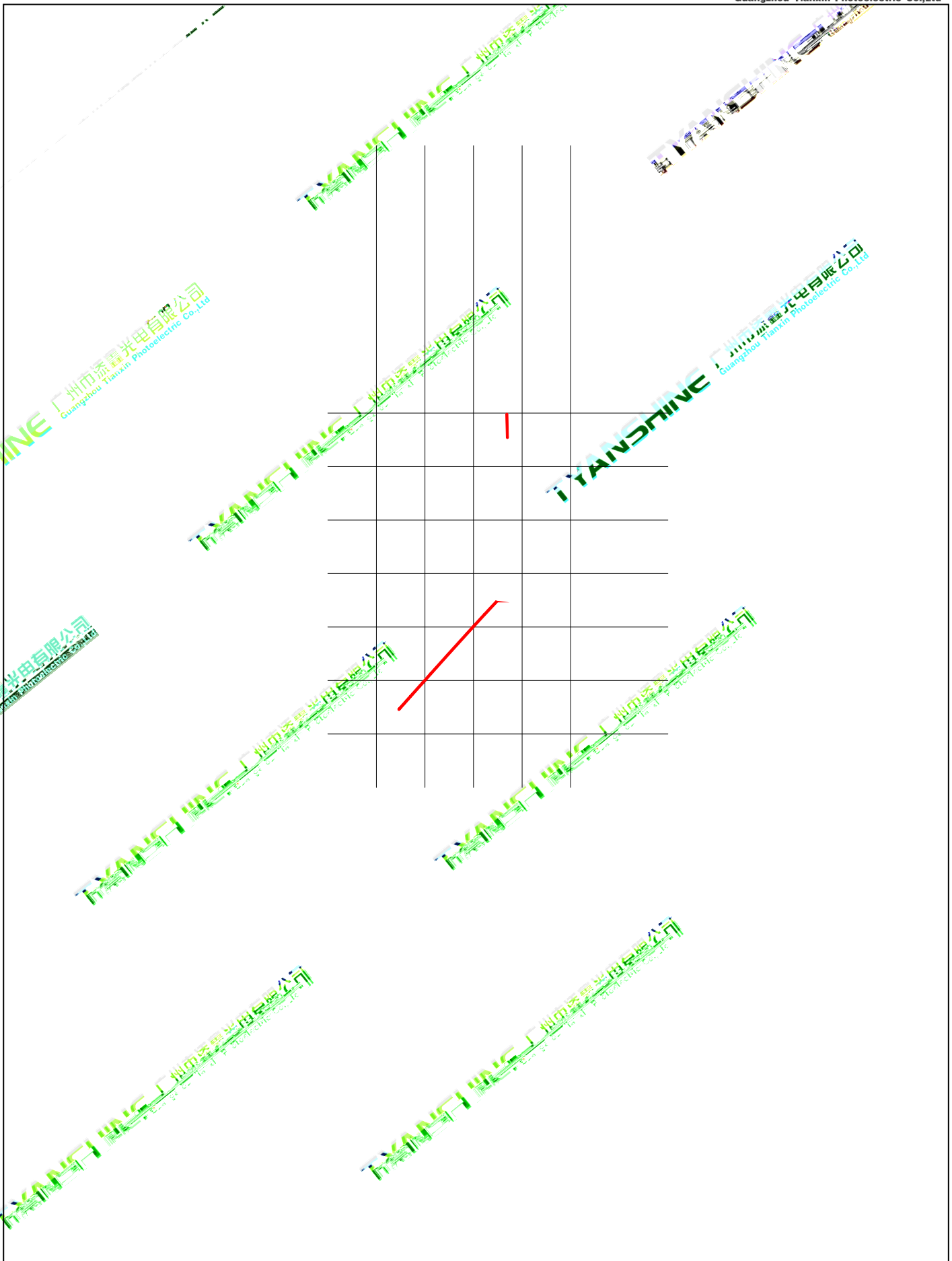
2. The data on this specification is for reference only and the actual data is in accordance with the acknowledgment.

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	v	If=1.0A	W	390	440	490	lm
		If=5.5A	W	1240	1400	1560	
Forward Voltage	V _f	If=1.0A	W	2.8	—	3.6	V
		If=5.5A	W	3.8	—	4.5	
Viewing Angle at 50° IV	2 1/2	—	W	—	100	—	Deg
Correlated Colour Temperature	CCT	If=1.0A	W	5000	—	6100	K
		If=5.5A	W	5400	—	6600	
Reverse Current	I _R	—	W	—	—	—	μA
Temperature Coefficient of Voltage	V F/T	If=1.0A	W	—	-6.65	—	mV/
		If=5.5A	W	—	-6.23	—	

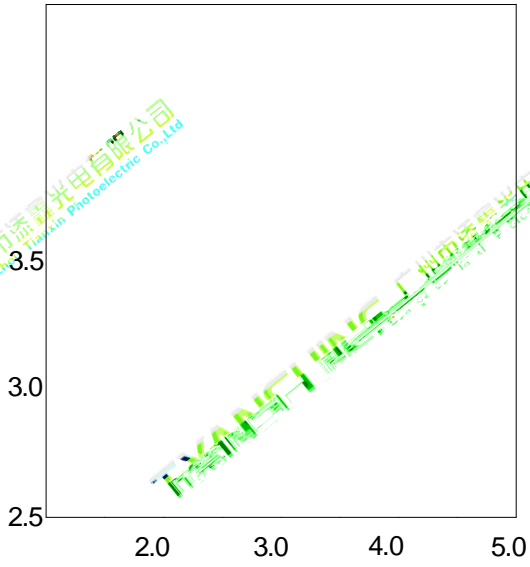
- 1.Luminous intensity is measured with a light sensor and filter combination that approximates the CIE eye-response curve.
2. 1/2 is the off-axis angle at which the luminous intensity is half the axial luminous intensity.
- 3.Luminous flux measurement tolerance:±15%.
- 4.Forward voltage measurement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

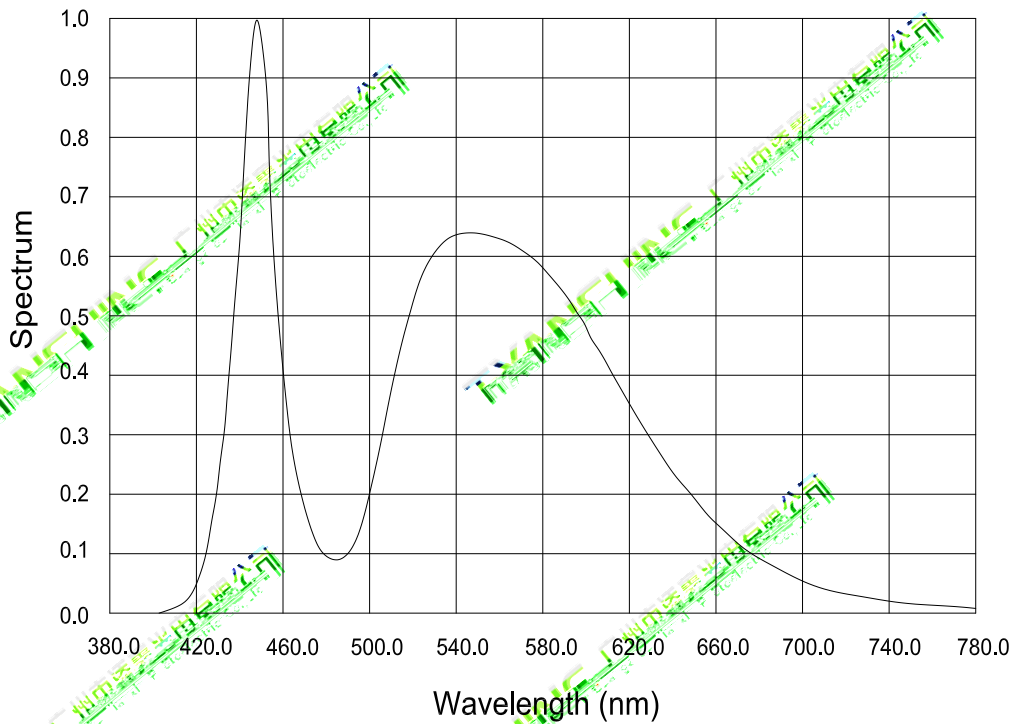
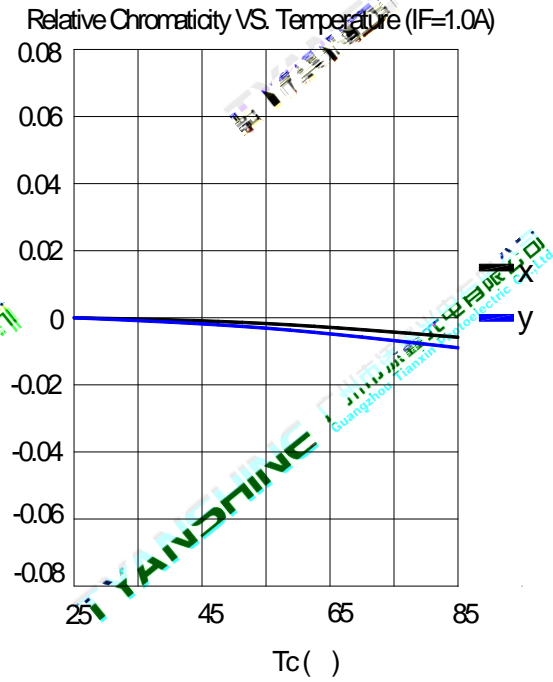
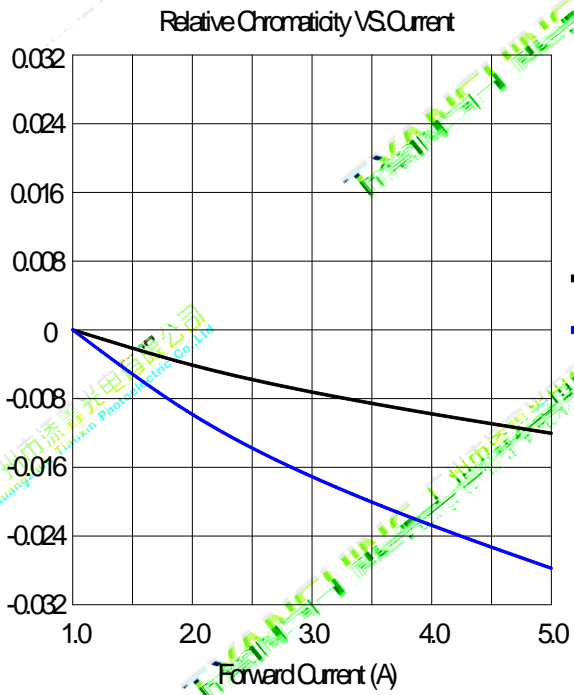


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(25 Ambient Temperature Unless Otherwise Noted)

Forward



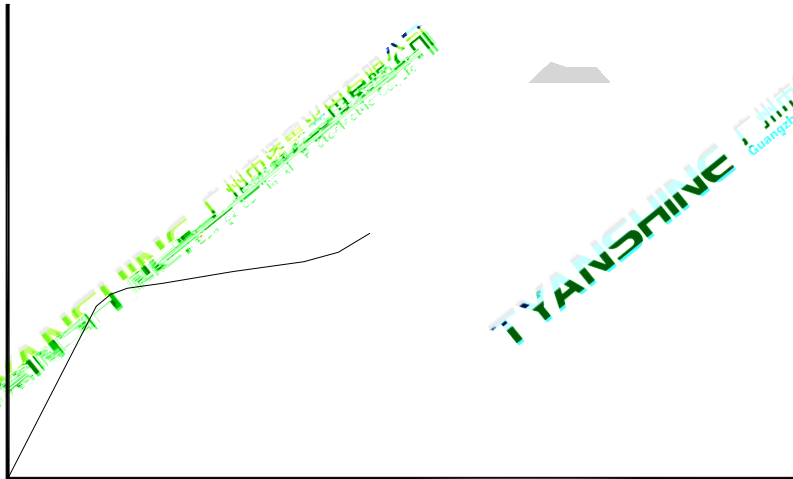


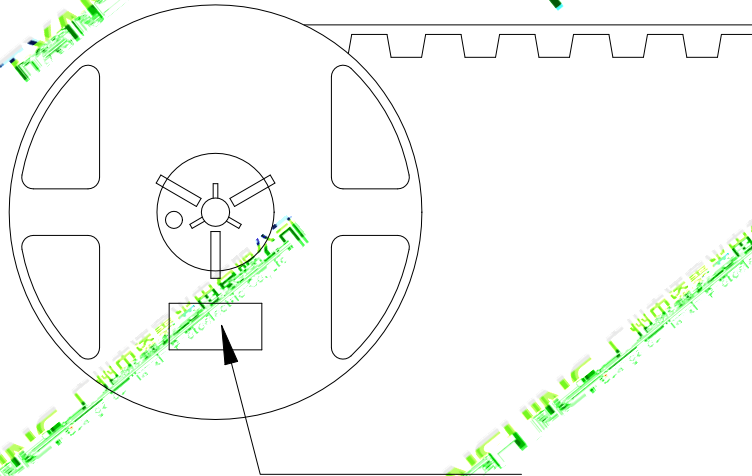
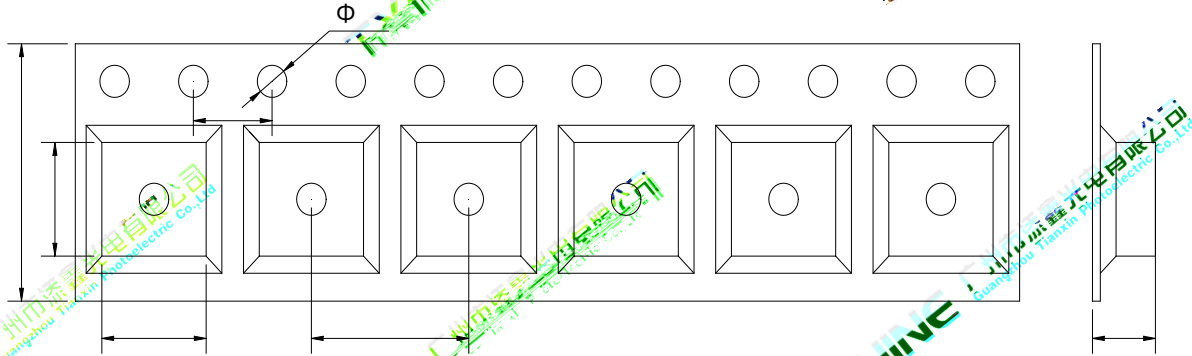
1. $2^{-1/2}$ is the off axis angle from lamp centerline where the luminous intensity is 1/2 of the peak value.
2. View angle tolerance is $\pm 5^\circ$.

Temperature: 5 ~ 30 (41 ~ 86)

Humidity: 60% RH Max.

Use the conditions shown to the under figure.





1. All dimensions are in millimeters.
2. Tolerances are ± 2.0 mm unless otherwise noted.
3. The products are packaged together with silica gel, Transport, not to the weight of welding LED light-emitting area, As a result of the weight of LED light-emitting zone in the quality of, Irresponsible of the Company.

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