

Excellent transiting heat from LED chip operation 0.1W/0.1A.

High luminous output

No UV.

Encapsulated materials are environmentally certified and meet environmental requirements.

ThinGaN

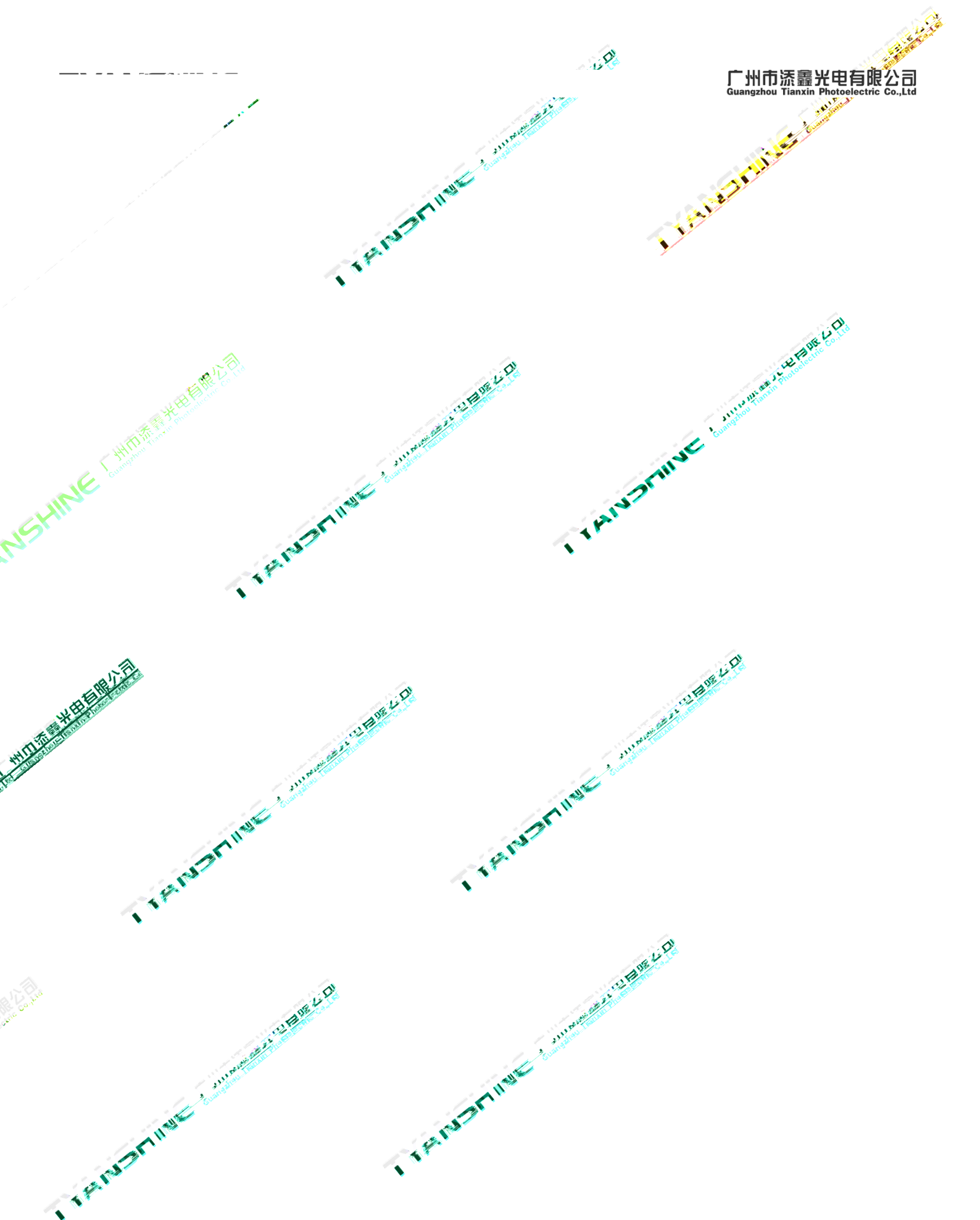
White W

Auxiliary lighting

Ambient lighting

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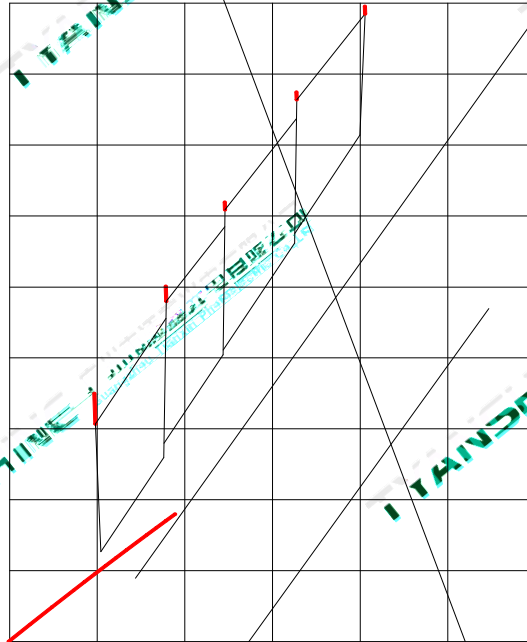
Luminous Flux	v	If=1.0A	W	350	400	450	lm
		If=4.0A	W	950	1050	1150	
Forward Voltage	V _f	If=1.0A	W	2.8	—	3.6	V
		If=4.0A	W	3.6	—	4.3	
Viewing Angle at 50°	2 1/2	—	W	—	100	—	Deg
Correlated Colour Temperature	CCT	If=1.0A	W	4900	—	5600	K
		If=4.0A	W	5400	—	6200	
Reverse Current	I _R	—	W	—	—	—	μA
Temperature Coefficient of Voltage	V F/T	If=1.0A	W	—	-3.58	—	mV/
		If=4.0A	W	—	-2.53	—	

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.

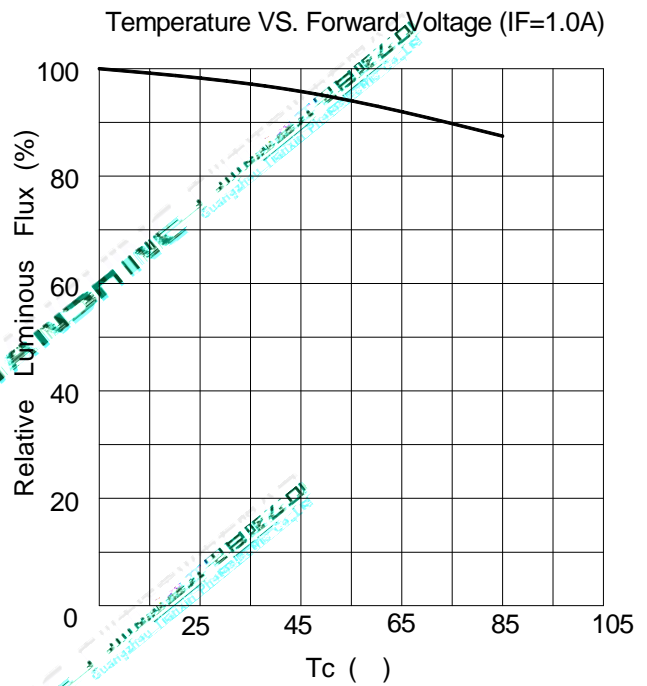
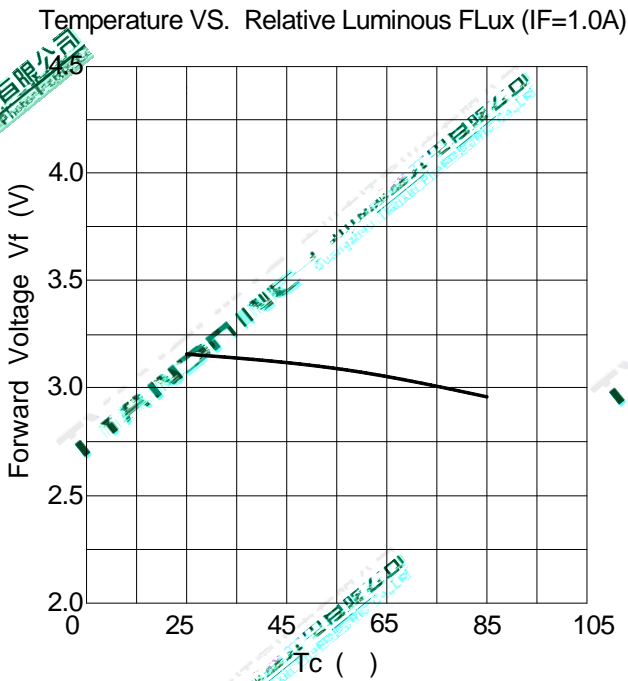
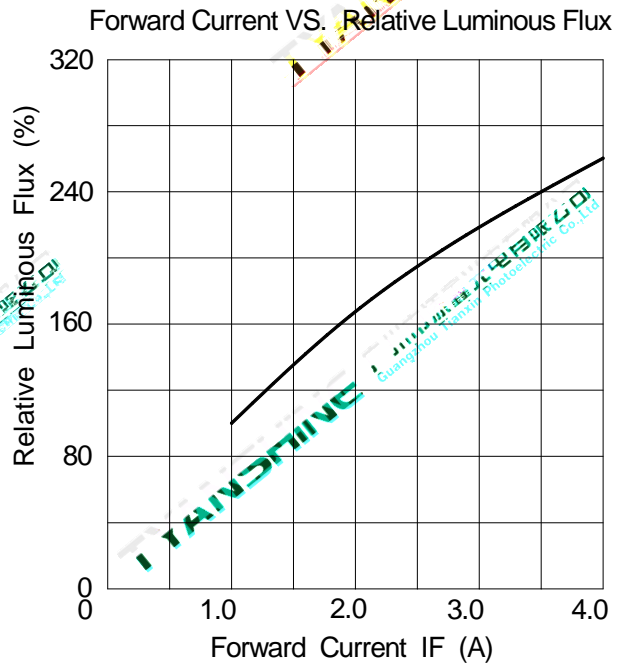
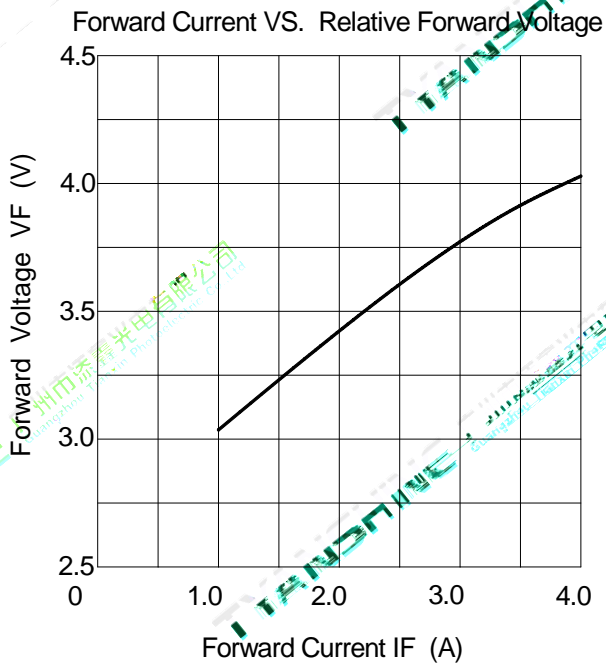
3.Luminous flux measurement tolerance:±15%.

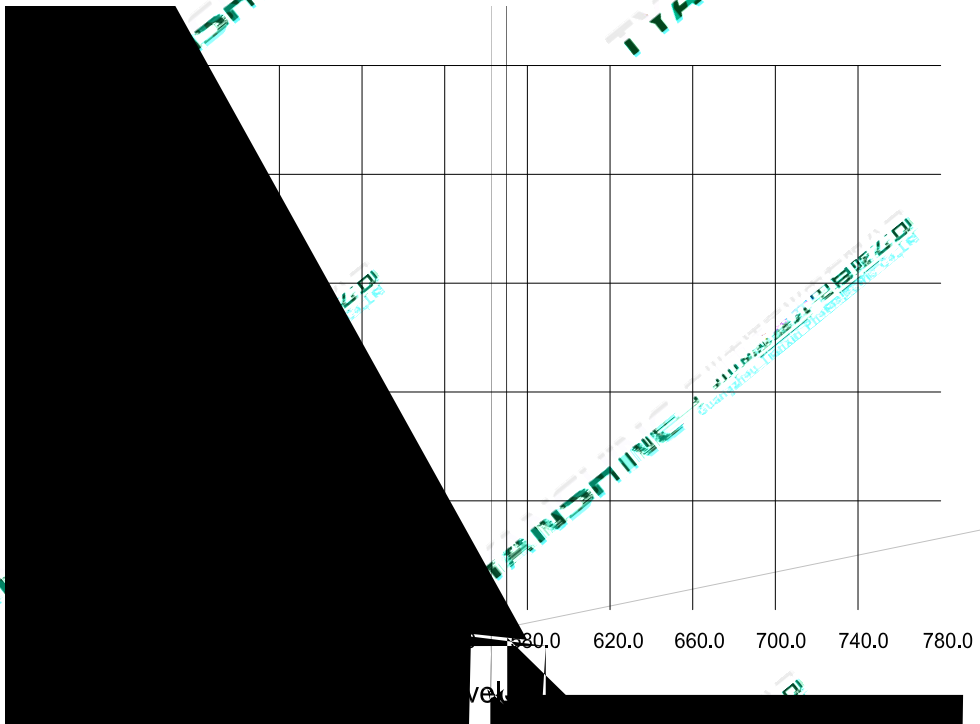
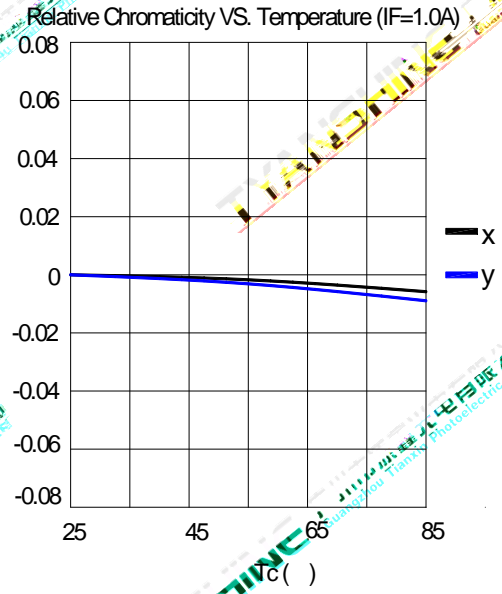
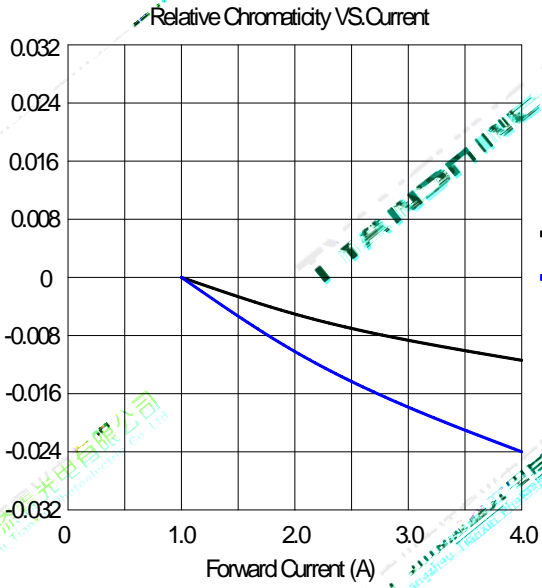
4.Forward voltage measurement tolerance:±0.15V.



Region	CCT Range		X1	Y1	X2	Y2	X3	Y3	X4	Y4
	Min	Max								
J	4700K	4900K	0.3600	0.4014	0.3806	0.4185	0.3528	0.4064	0.3526	0.3875
I	4900K	5100K	0.3525	0.3862	0.3528	0.4037	0.3446	0.3909	0.3444	0.3711
H	5100K	5300K	0.3444	0.3704	0.3446	0.3885	0.3379	0.3780	0.3376	0.3580
G	5300K	5600K	0.3376	0.3559	0.3379	0.3756	0.3298	0.3607	0.3304	0.3427

(25 Ambient Temperature Unless Otherwise Noted)





Temperature: 5 ~ 30 (41 ~ 86)

Humidity: 60% RH Max.

Use the conditions shown to the under figure.

