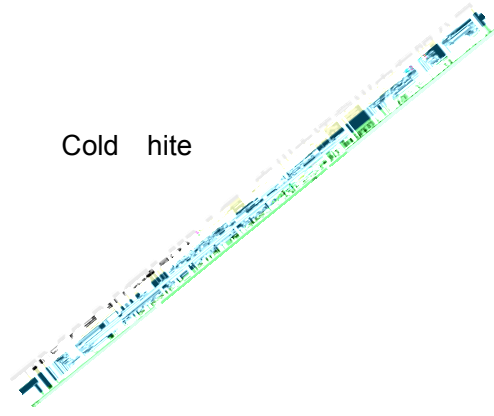


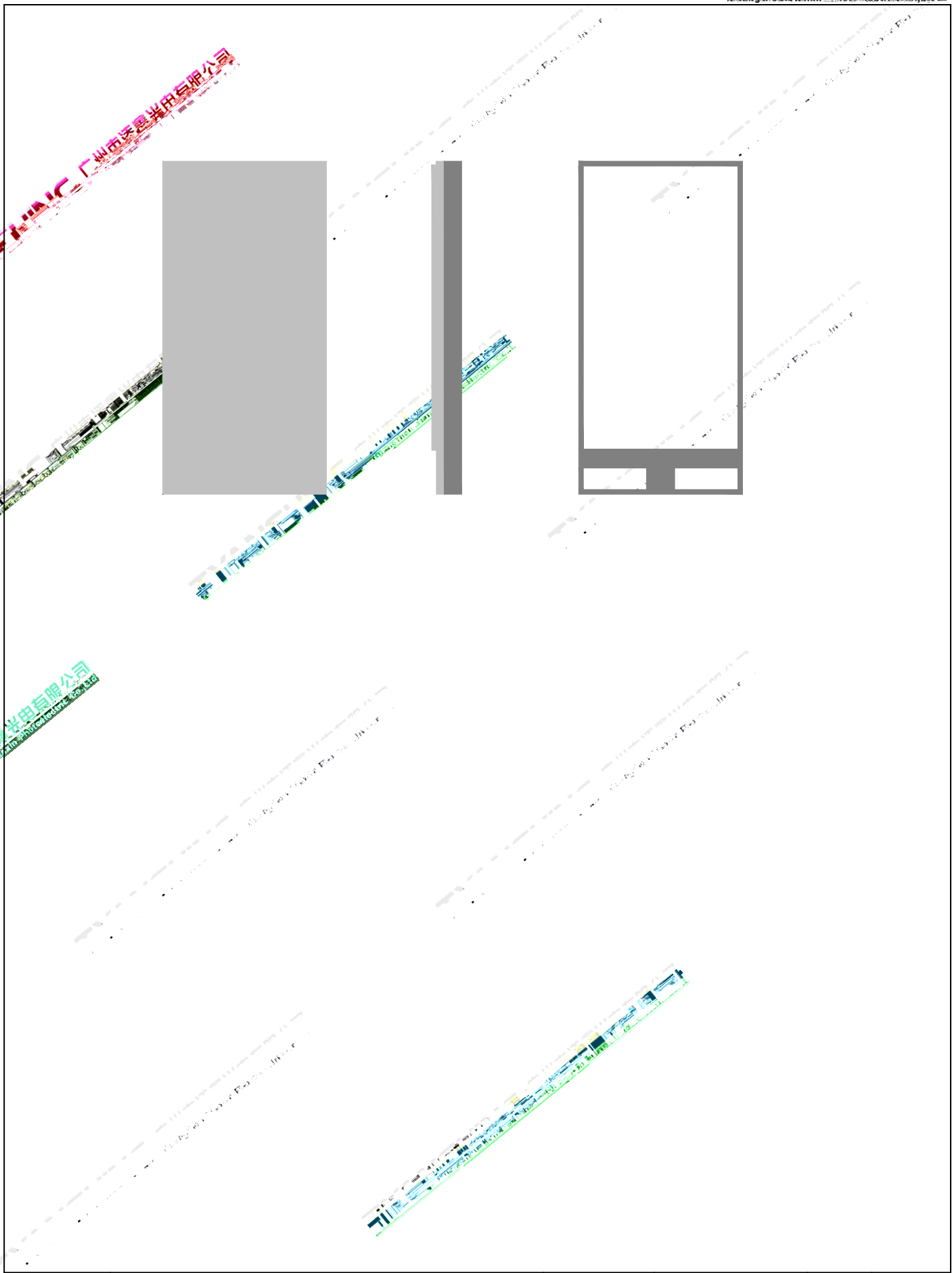
Excellent transiting heat from LED chip operating under 2500 mA.
 Ceramic eutectic package allows it to have minimal internal stress and excellent thermal path.
 Flip chip coated with package, the output of lumen is stable.
 High luminous output.
 Encapsulated materials are environmental certified and meet environmental requirements.

GaN

Cold white

Automobile lighting





Part No.	TX-3570W25FC120-NUFEZW-B01D	Spec No.	WKF-BE0764	Page	2 of 9
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Forward Current	I_F	2500	mA
Reverse Voltage	V_R	Not designed for reverse operation	V
Power Dissipation	P_D	25	W
Junction Temperature	T_j	150	
Electrostatic Discharge Threshold (ESD)	ESD	2000	V
Storage Temperature	T_{stg}	-40 +70	
Operation Temperature	T_{opr}	-30 +125	

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 Electricit 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.

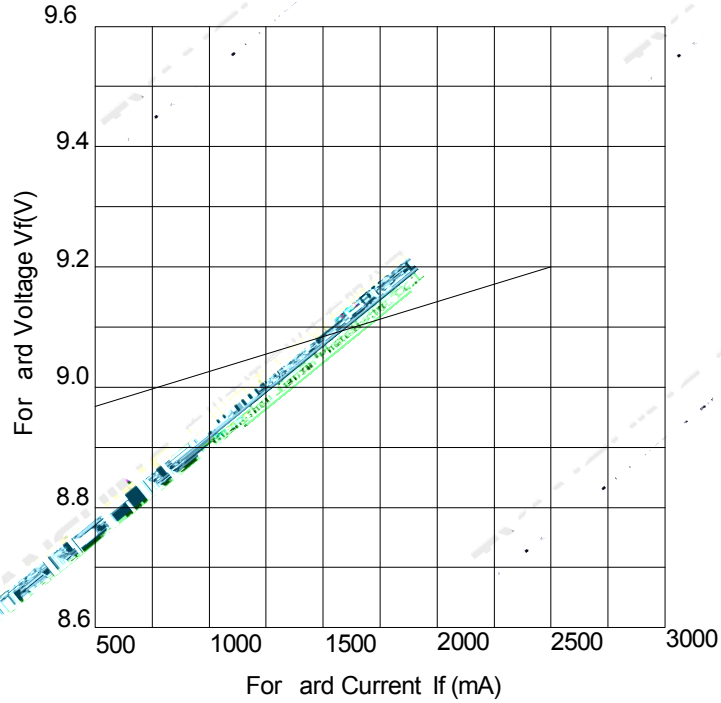
Luminous Flu	ν		2300	2500	2700	lm
Forward Voltage	V_f	$I_f=2500mA$	8.8	9.2	9.8	V
Viewing Angle at 50° IV	$2\theta_{1/2}$			120		Deg
Correlated Colour Temperature	CCT	$I_f=1000mA$	5300	6000	6700	K
Reverse Current	I_R					A
Thermal Resistance Junction to						

Region	CCT Range		X1	Y1	X2	Y2	X3	Y3	X4	Y4
	Min	Ma								
G12	5300	5500	0.3375	0.3626	0.3322	0.3527	0.3322	0.3710	0.3378	0.3813
G10	5500	5800	0.3322	0.3517	0.3255	0.3395	0.3251	0.3564	0.3322	0.3696
F01	5800	6300	0.3251	0.3367	0.3169	0.3237	0.3155	0.3373	0.3251	0.3550
E11	6300	6700	0.3170	0.3227	0.3116	0.3141	0.3096	0.3264	0.3157	0.3359

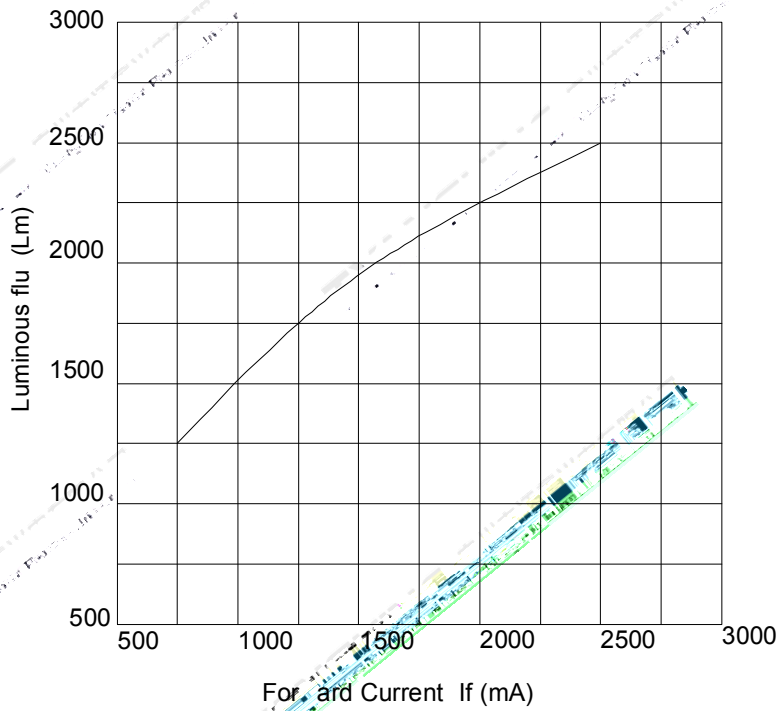
- 1.Luminous intensit is measured ith a light sensor and filter combination that appro imates the CIE e e-response curve.
2. $1/2$ is the off-a is angle at hich the luminous intensit is half the a ial luminous intensit .
- 3.The dominant avelength (d) is derived from the CIE chromaticit diagram and represents the single avelength hich defines the color of the device.
- 4.Luminous flu measurement tolerance: 15%.
- 5.For ard voltage measurement tolerance: 0.15V.

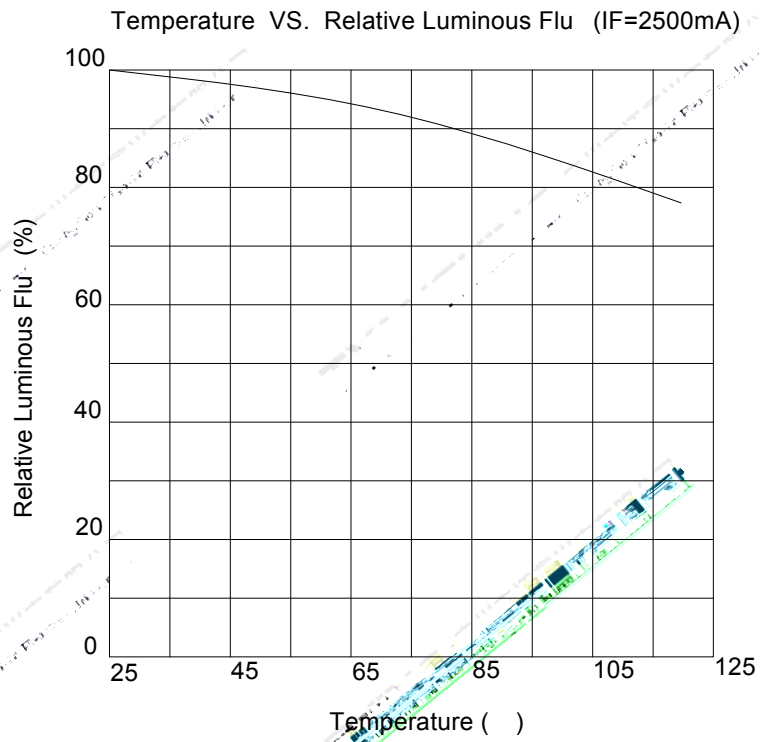
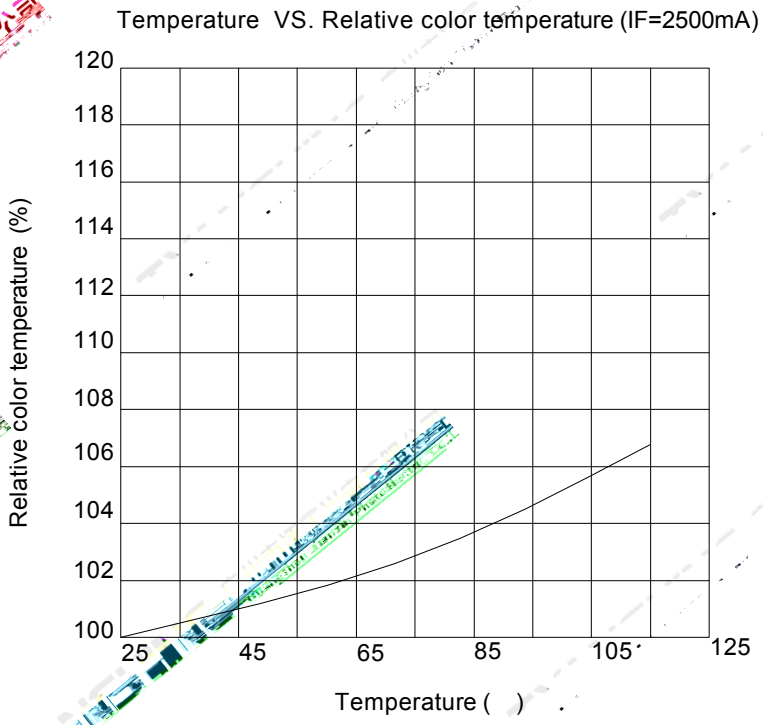
(25 Ambient Temperature Unless Other Use Noted)

Forward Current VS. Forward Voltage

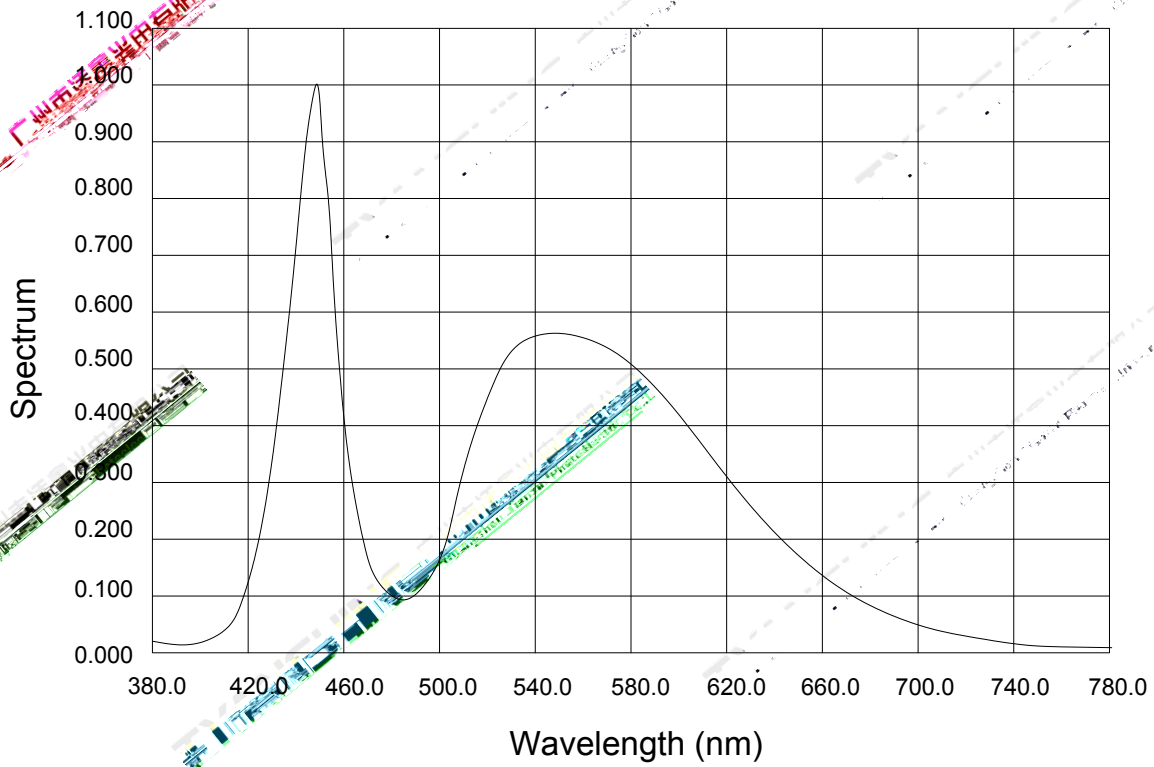


Forward Current VS. Luminous flu

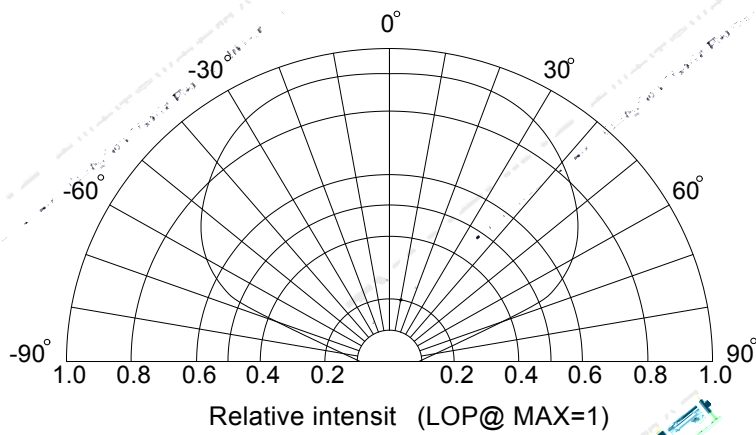




Relative Spectral Distribution



Beam Pattern



1. $2 \theta_{1/2}$ is the off axis angle from lamp centerline here 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

