

◆E celled a i i g hea f LED chi e a i g de 700 A.

◆High i

◆UV.

◆E ca laed ae ial a ee i e all ce ified a d ee e i e al e i e e .

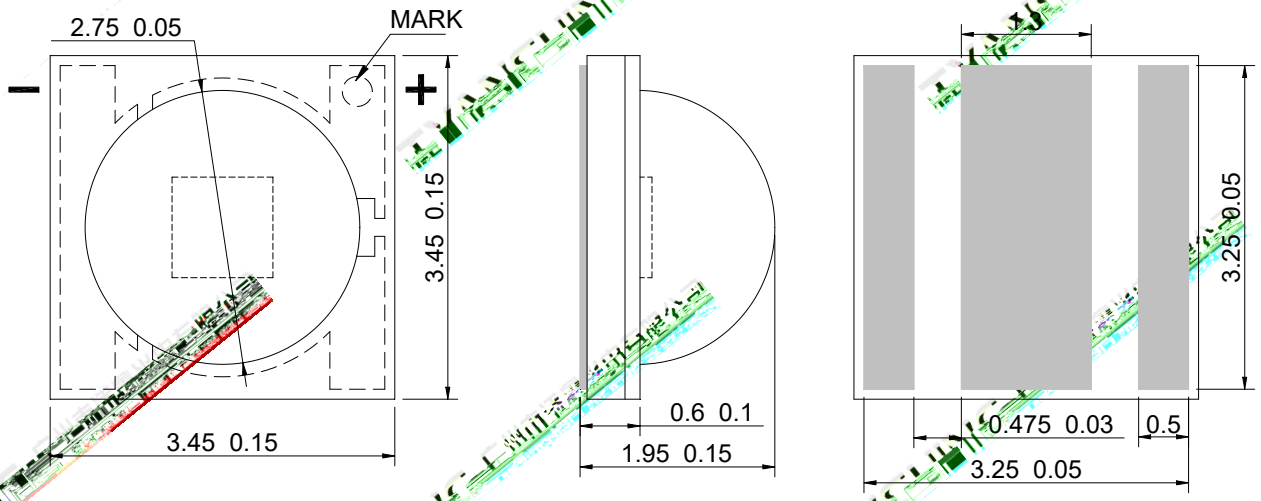
◆GaN

◆C a

◆P able Fla hligh

◆Ga de ligh i g

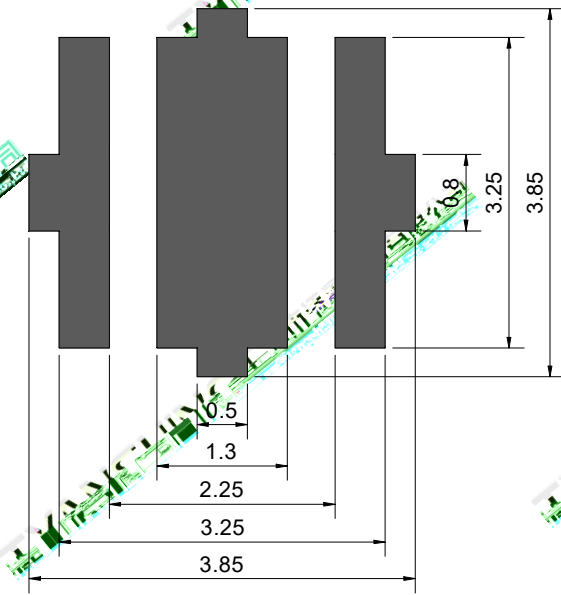
◆Ge e al Ligh i g



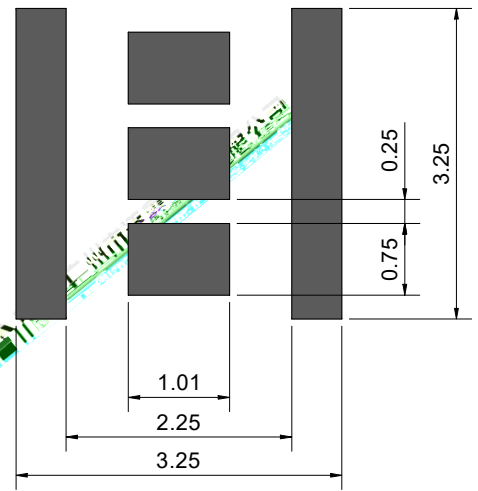
T ie

Side ie

B ie



Rec e ded Ide ad



Rec e ded e cil a e

1. All dimensions are in millimeters.
2. Tolerances are as indicated.

°C

Forward Current	IF	700	A
Reverse Voltage	VR	5	V
Power Dissipation	PD	2640	W
Junction Temperature	Tj	150	°C
Electrostatic Discharge Threshold (ESD)	ESD	2000	V
Storage Temperature	Tg	-40 +70	°C
Operating Temperature	T	+85	

1. Specific average charge pulse.

2. The data here specific reference value should be used as a guide for actual use, please acknowledge.

3. Precaution of ESD:

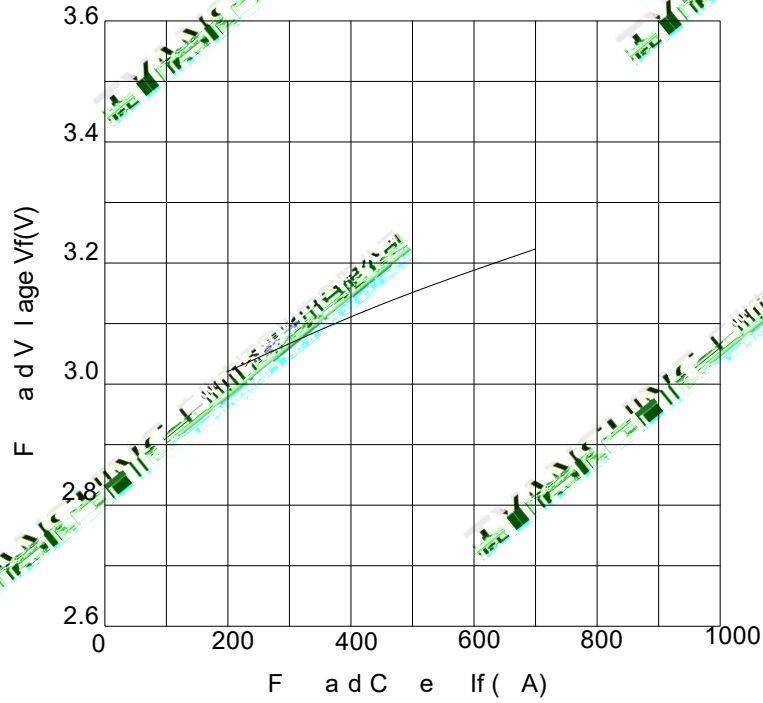
STATIC SHIELD Electrostatic discharge the LED, it is recommended to use anti-static gloves when handling the LED. All devices, especially the sensitive components should be grounded.

L i F l		If=350 A	55	70		l
Peak E i i Wa ele gh			497	502	507	
D i a Wa ele gh	d		500	505	510	
S ec al Li e Half-Wid h	$\Delta$		17	22.5	27	
F a d V l age	$V_f$		2.8	3.1	3.3	V
Vie i g A gle a 50% IV	$2_{1/2}$			120		Deg
Re e e C e	$I_R$				2	A
Ther al Re i a ce J c i C a e	$R_{J-C}$		8		KW	
Te e a e C efficie f V l age	$V_{\Delta F/T}$	If=350 A		-2		$V/^{\circ}C$

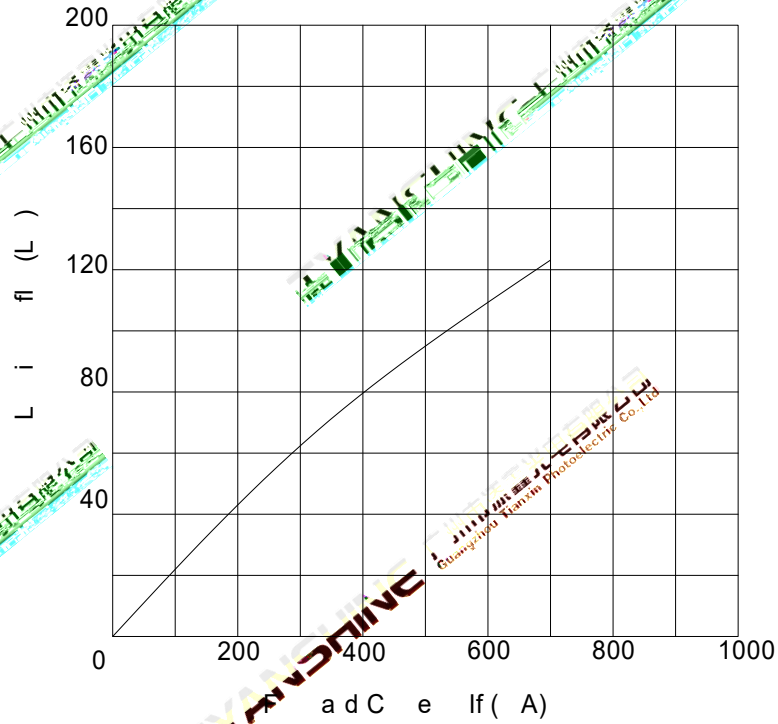
- 1.L i i e i i e a e d i h a ligh e a d file c b i a i h a a i a e h e CIE e e e e c e .
2.  $2_{1/2}$  i h e ff- a i a g l e a h i c h h e l i i e i i h a l f h e a i a l l i e i .
- 3.L i f l e a e e l e a c e: 15%.
- 4.F a d l a g e e a e e l e a c e: 0.15V.

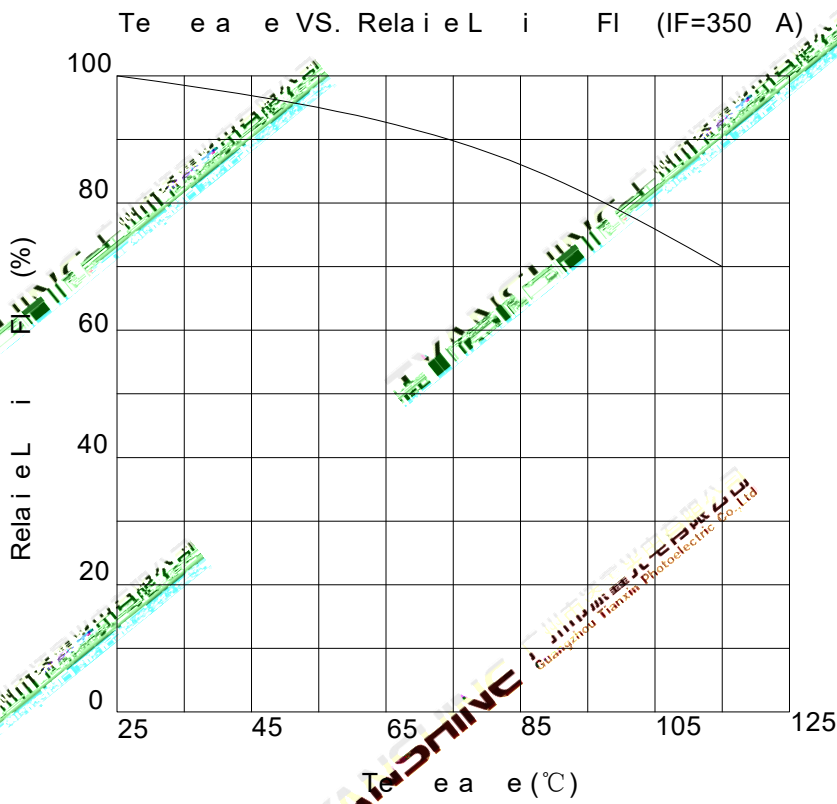
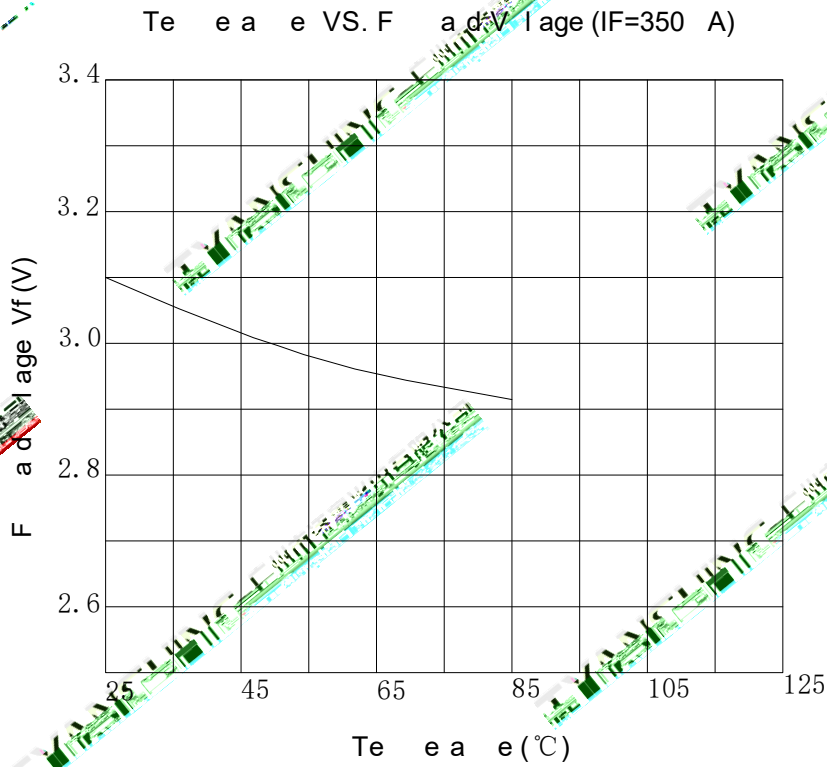
(25°C Ambient Temperature Under Ohmic Condition)

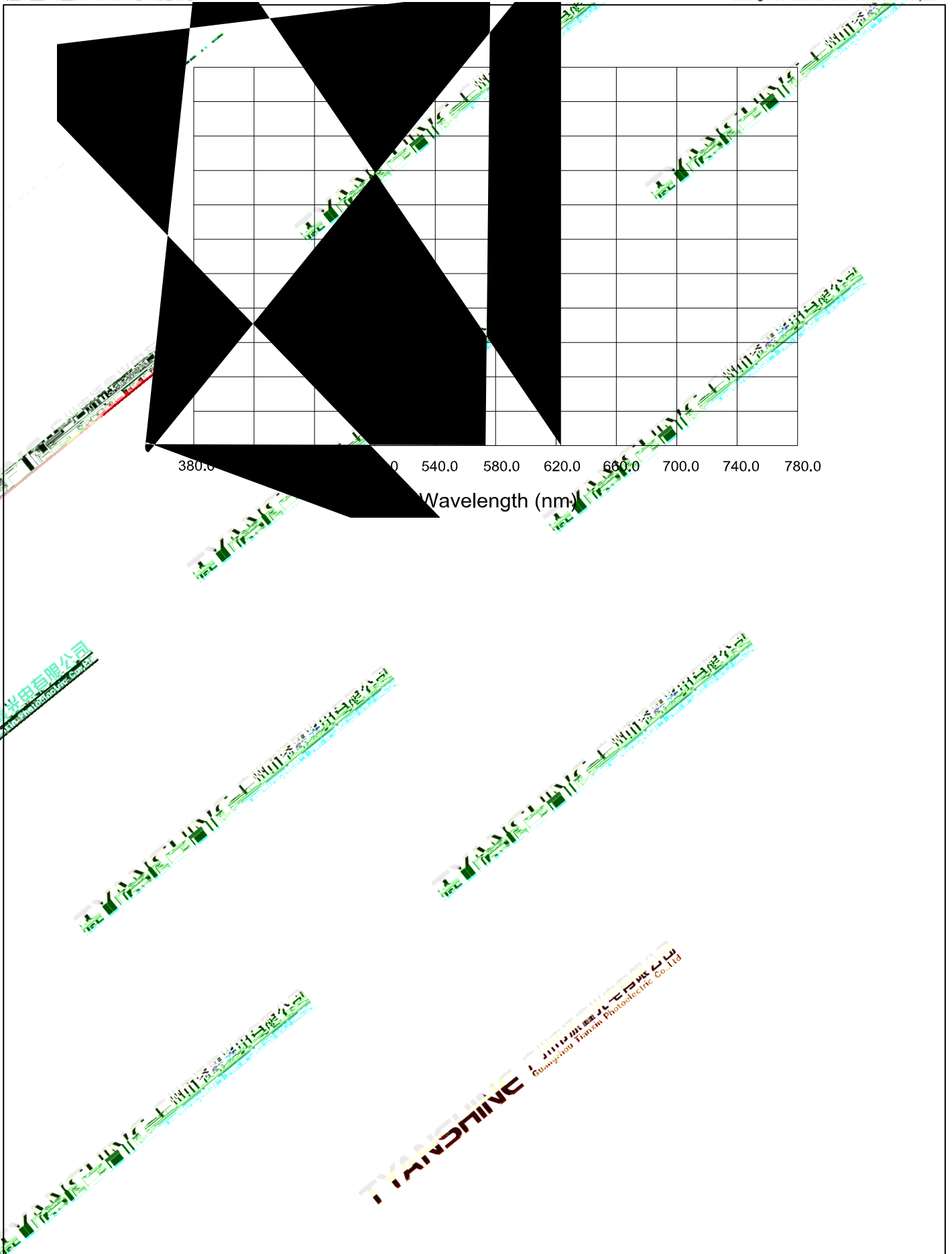
Forward Voltage VS. Forward Current



Forward Current VS. Light Flux







Temperature: 5°C - 30°C (41°F - 86°F)

Humidity: 60% RH Max.

Use the circuit diagram for the device.

