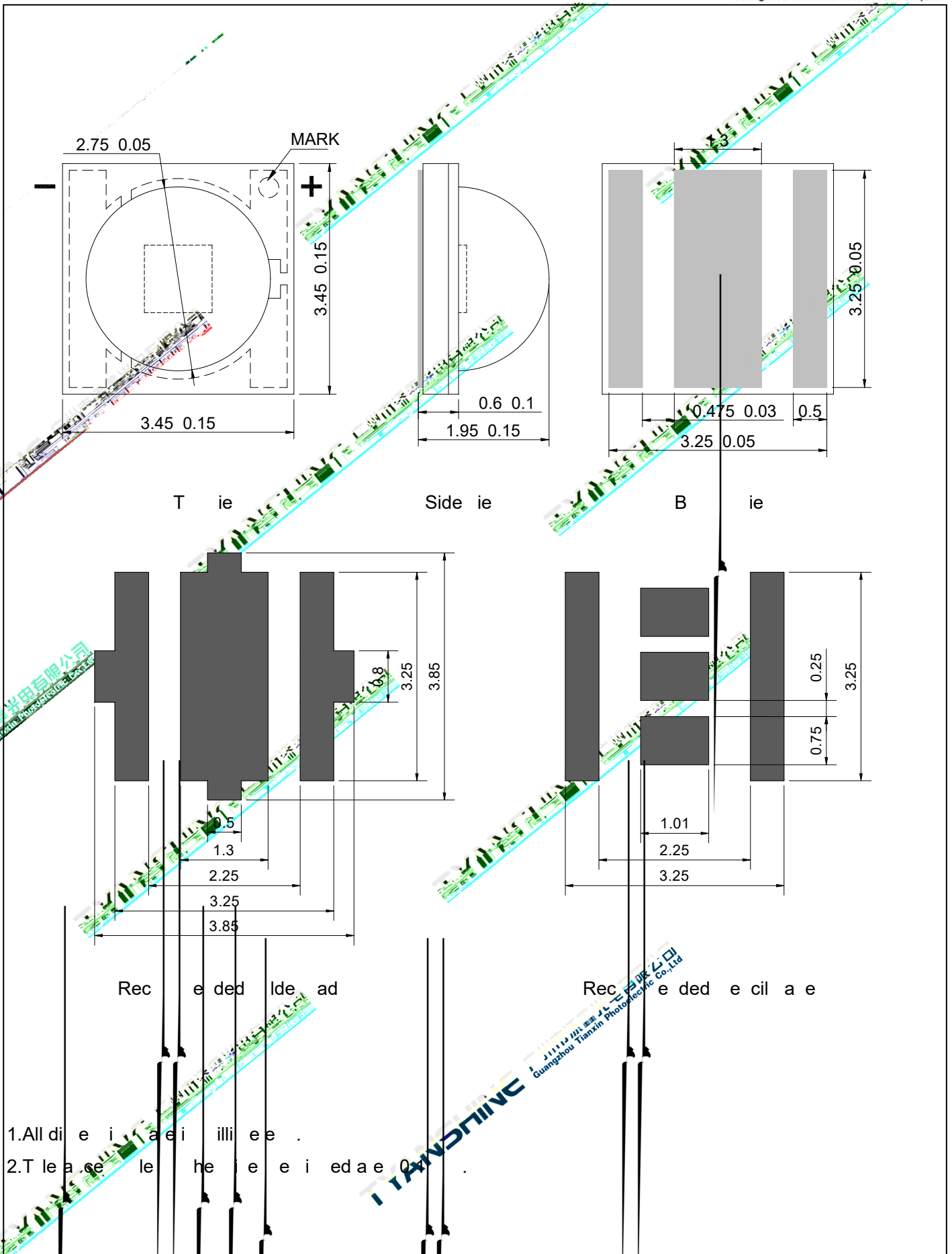


- ◆ E celler a i i g hea f LED chi e a i g de 700 A.
- ◆ High
- ◆ UV.
- ◆ E ca la ed a e i a e e i e all ce ified a d e e i e a l e i e e .
- ◆ GaN
- ◆ C a
- ◆ P able Fla h ligh
- ◆ Ga de ligh i g
- ◆ Ge e al Ligh i g



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	-30 +85	

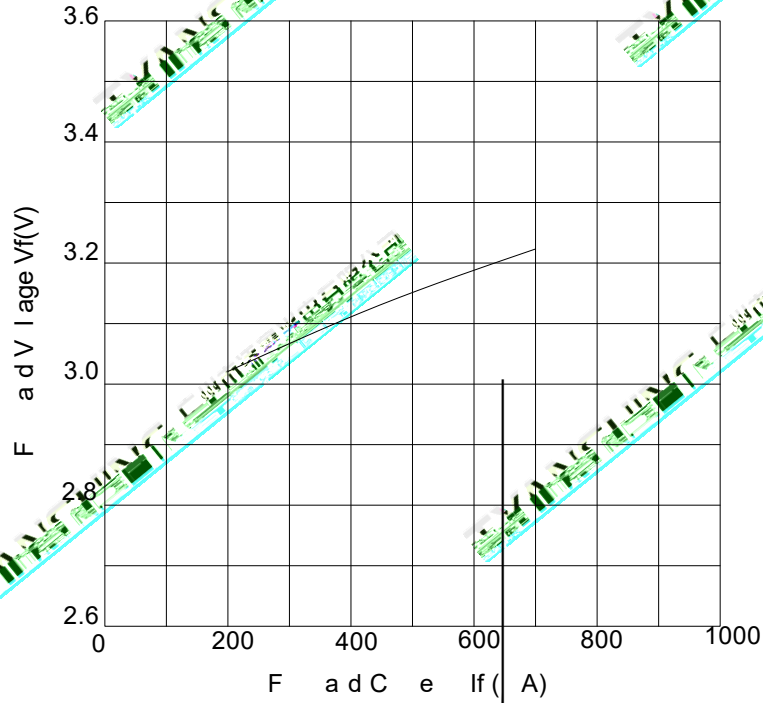
1. Specific anti-static discharge in place.
2. The data sheet specific reference should be strictly followed in accordance with the acknowledgment.
3. Precautions for ESD:
 - STATIC SHIELD: Electrostatic discharge damage the LED, it is recommended to use anti-static bag for the handling of LED. All devices, especially the delicate components should be handled with care.

L i F l				55	70		
Peak E i i W a e l e g h				497	502	507	
D i a W a e l e g h	d		$I_f=350$ A	500	505	510	
S e c a l L i e H a l f - W i d h	Δ			17	22.5	27	
F a d V l a g e	V_f			2.8	3.1	3.3	V
V i e i g A g l e a 50% I V	$2_{1/2}$				120		Deg
R e e e C e	I_R					2	A
T h e r m a l R e s i s t a n c e J u n c t i o n C a e	R_{j-c}				8		K/W
T e m p e r a t u r e C o e f f i c i e n t V l a g e	$V_{\Delta F/T}$	$I_f=350$ A			-2		$^{\circ}C$

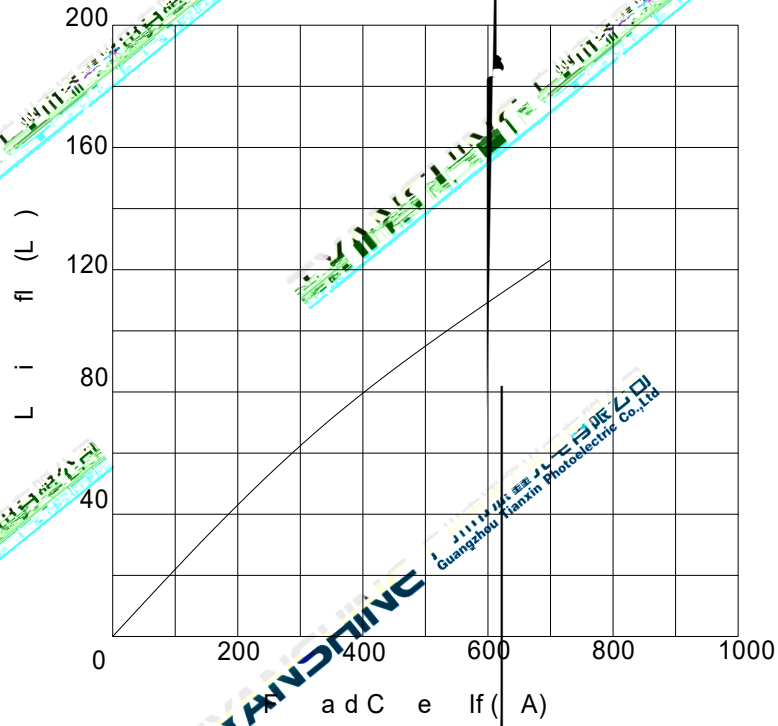
1. L i n e a r i t y e a r e d i n a l i g h t e a d f i l e c b i a i h a a i a e h e C I E e e e e c e .
2. $1/2$ i n e f f a i a g l e a h i c h h e l i i e i i h a l f h e a f a l l i e i .
3. L i f l e a e e l e a c e t 15% .
4. F a d l a g e e a e e l e a e : 0.15V .

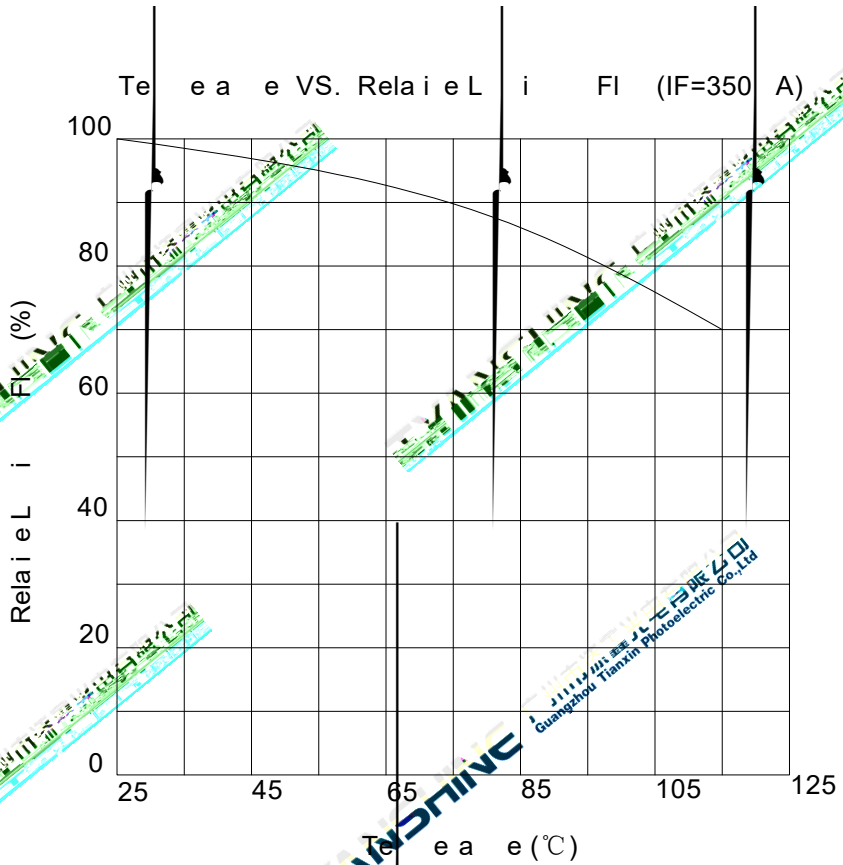
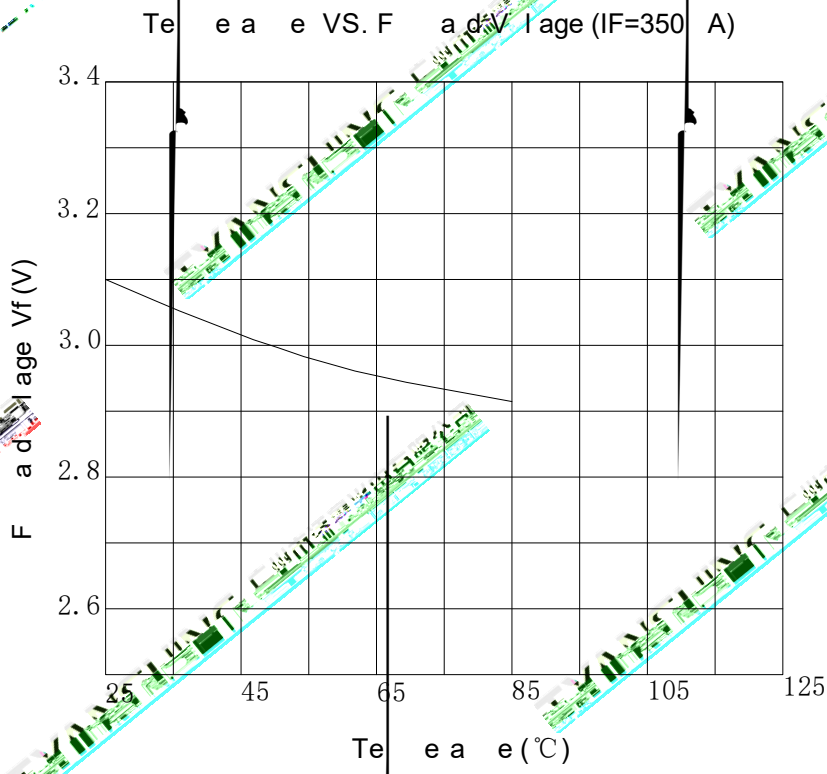
(25°C Ambient Temperature)

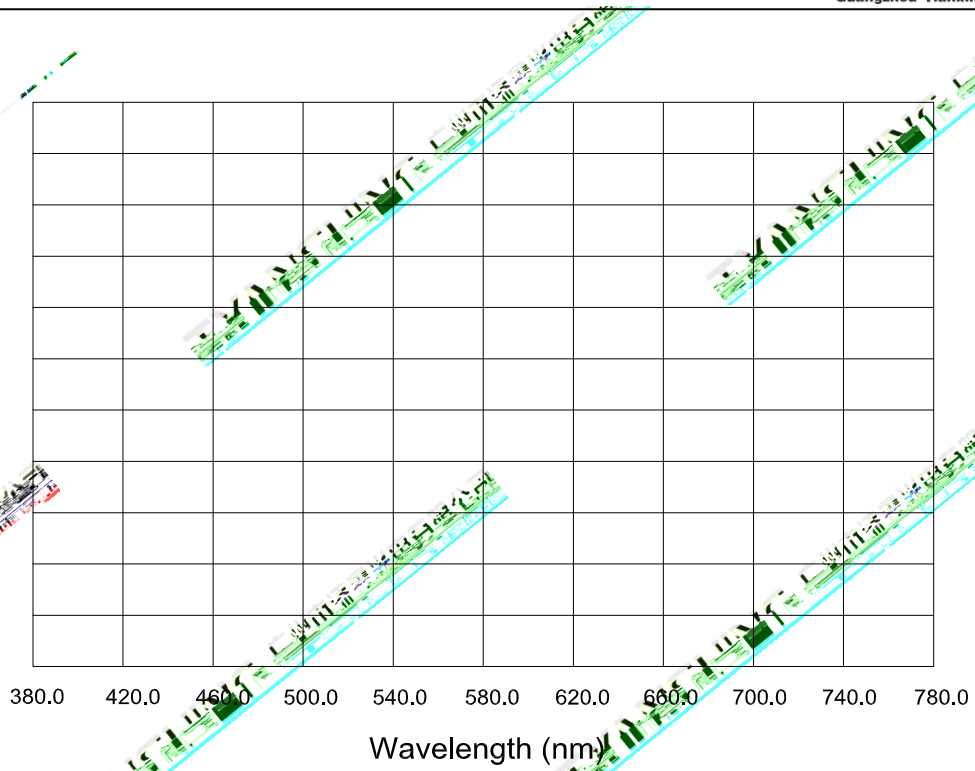
Forward Voltage VS. Forward Current



Forward Current VS. Light Flux







Temperature: 5°C ~ 30°C (41°F ~ 86°F)

Humidity: 60% RH Max.

Use the circuit board as the reference.

