

Forward Current	IF	2500	A
Reverse Voltage	VR	Not specified	V
Power Dissipation	P <sub>D</sub>	9.5	W
Junction Temperature	T <sub>j</sub>	150	
Electrostatic Discharge Threshold (ESD)	ESD	ESD level depends on test method	V
Storage Temperature	T <sub>g</sub>	-40 ~ +70	
Operating Temperature	T	-40 ~ +85	

1. Specific anti-static discharge protection is required.

2. The data sheet specifies the failure rate. The actual data is subject to the manufacturer's acknowledgment.

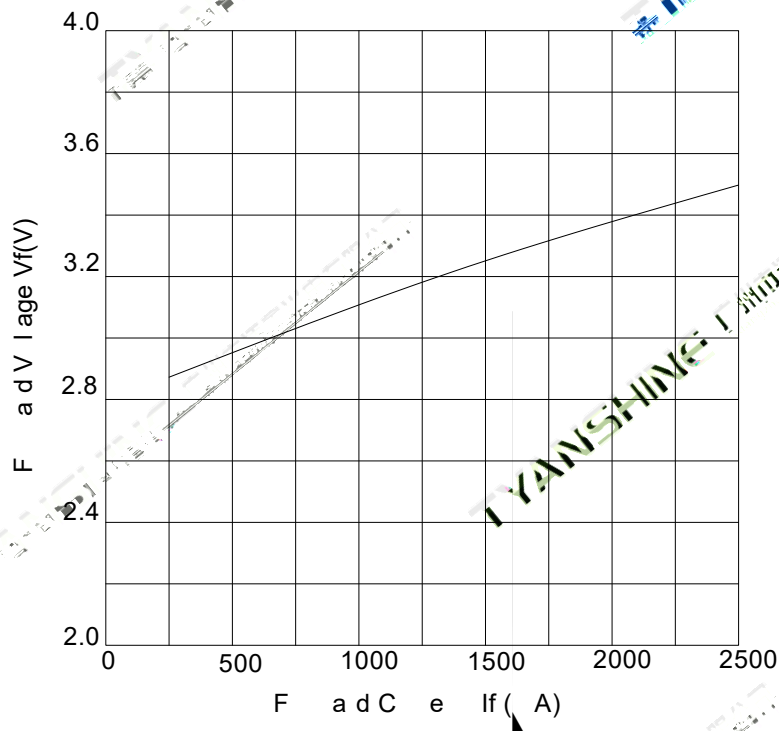
3. Precautions for ESD:  
 STATIC SHOCK Electrostatic discharge damage to the LED. It is recommended to use anti-static bags for storage and handling of LEDs. All devices, especially those with high static sensitivity, should be handled with care.

L i F l				270	300	330
F a d V l a g e	$V_f$			2.8	3.1	3.4
Vie i g A g l e a 50 IV	$2^{1/2}$	If=1000 A			120	
Peak E i i W a e l e g h				518	523	528
D i a W a e l e g h	d			525	530	535
Vie i g A g l e a 50 IV	$2^{1/2}$			28	33	38
Re e e C e	$I_R$					A
The al Re i a c e J c i C a e	$R_{J-C}$			4.9		K/W
Te e a e C e f f i c i e n t V l a g e	$V_{F/T}$	If=1000 A			-2	V/

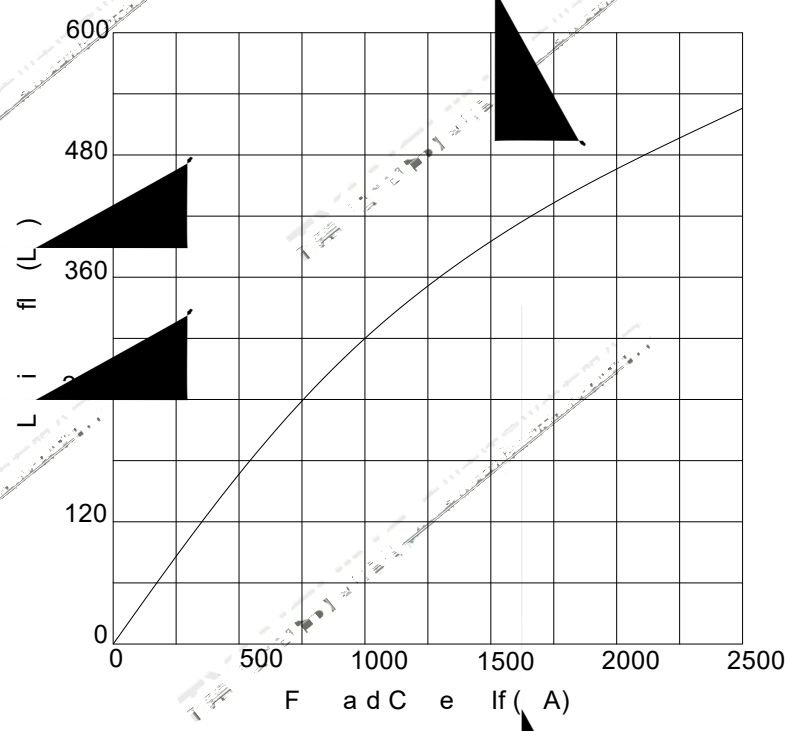
1. L i i e i i e a e d i h a l i g h e a d f i l e c b i a i h a a i a e h e C I E e e e c e .
2. 1/2 the off-axis angle which the light intensity is half the axial intensity.
3. L i f l e a e e l e a c e 15% .
4. F a d l a g e a e e l e a 10% V .

(25 A bie Te e a eU le Ohe i eN ed)

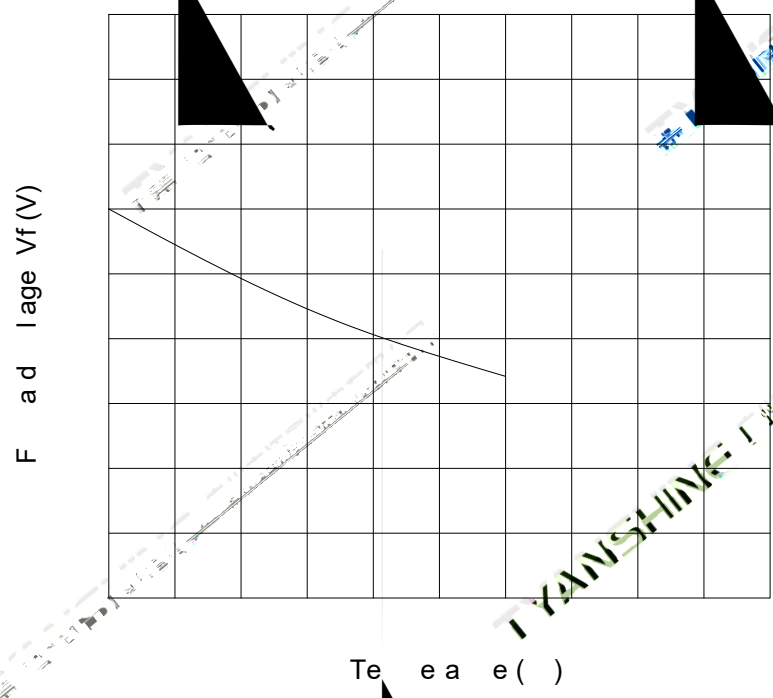
F adC e VS.F adV lage



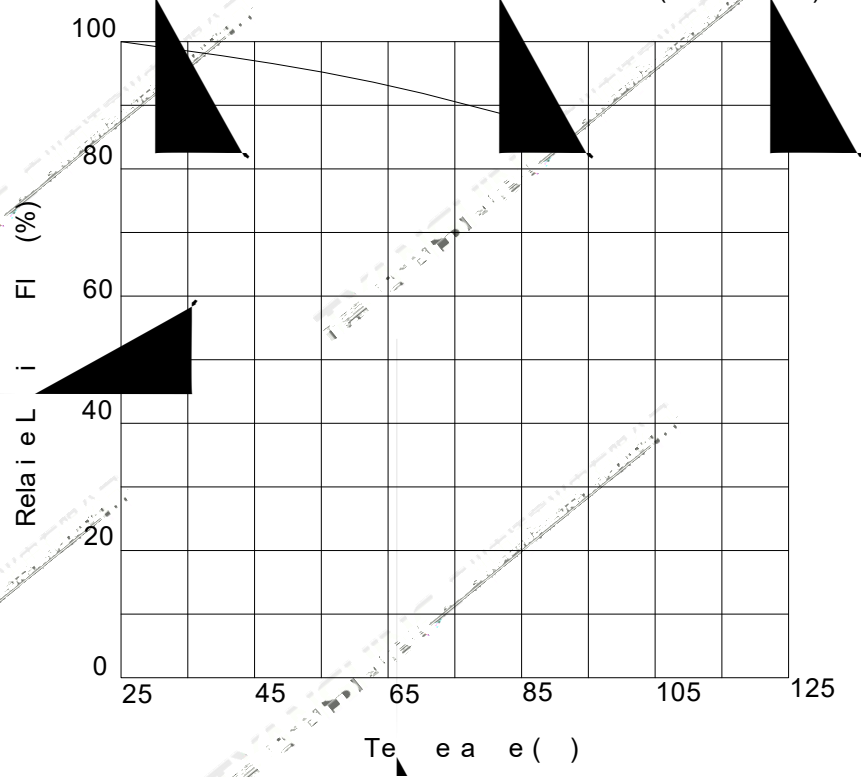
F adC e VS.L i fl



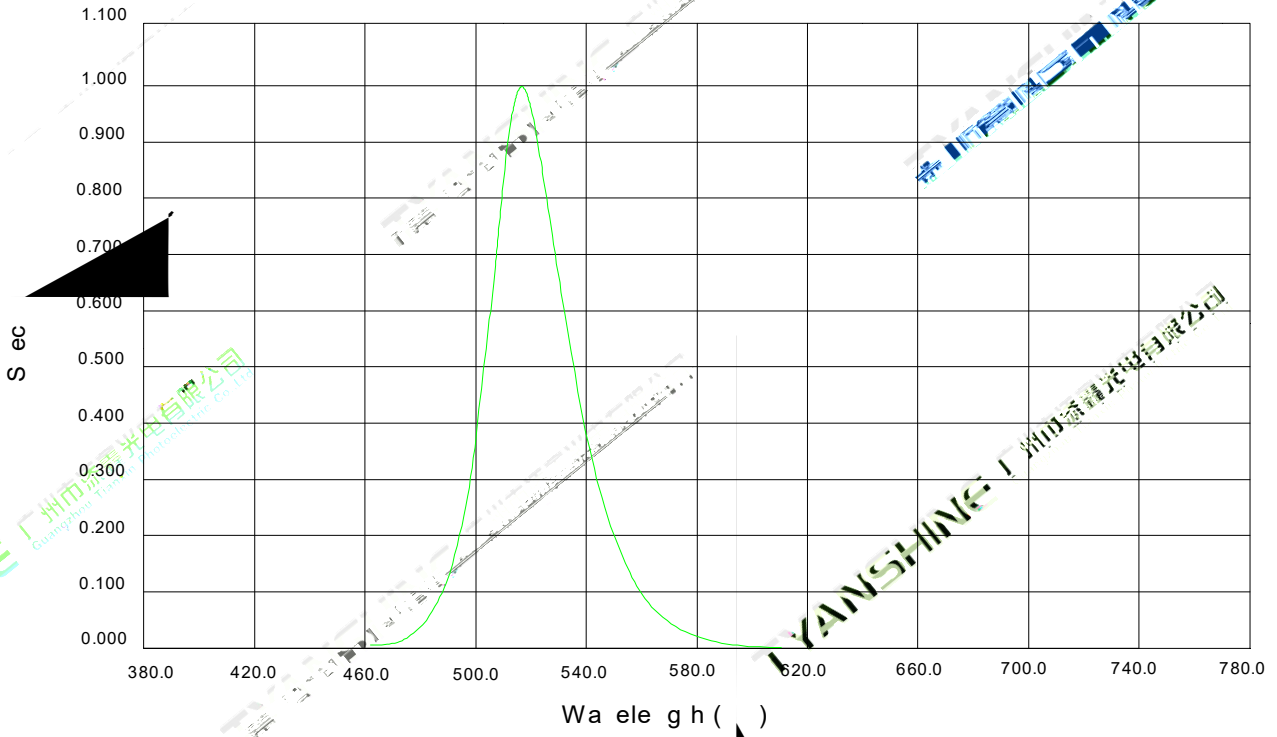
Temperature VS. Forward Voltage (IF=1000 mA)



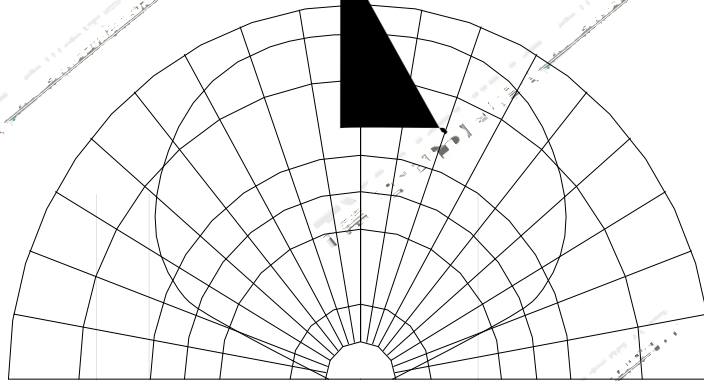
Temperature VS. Relative Luminous Flux (IF=1000 mA)



Rela i e S ec al Di ib i



Bea Pa e



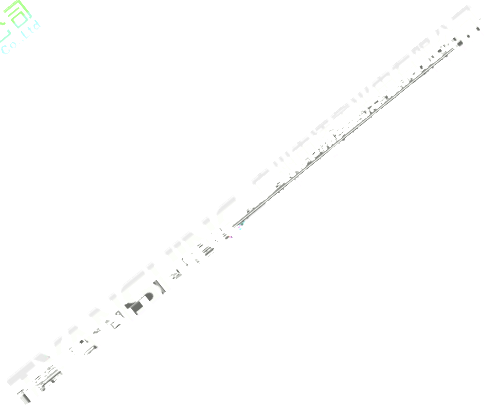
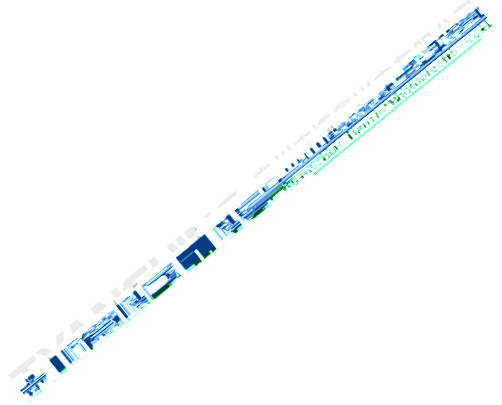
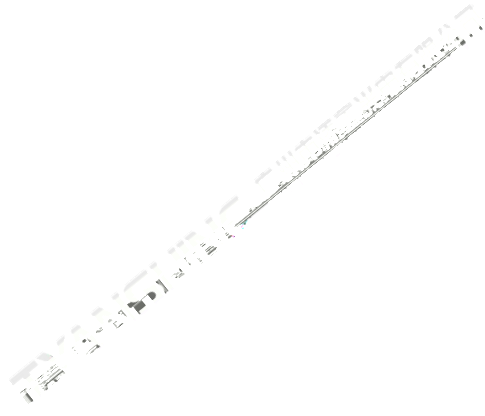
Rela i e i (LOP@MAX=1)

1. 2 1/2 i he ffa i a gle f la ce e li e he e hel i i e i i 1/2 f he eak al e.  
2. Vie a gle le a ce i 5 .



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