

F adC e	IF	2500	A
Re e eV l age	V <sub>R</sub>	N de ig ed f e e e e a i	V
P e Di i ai	P <sub>D</sub>	9.5	W
J ci Te e a e	T <sub>j</sub>	150	
Elec a ic Di cha ge Th e h ld (ESD)	ESD	ESD e ii e de jee	V
S age Te e a e	T <sub>g</sub>	-40 +70	
O e ai Te e a e	T	-40 +85	

1. Specifica i a e bjec cha ge i h ice.

2. The da a hi ecifica i i f efe e ce l a d he ac al da a i i acc da ce i h he ack ledg e .

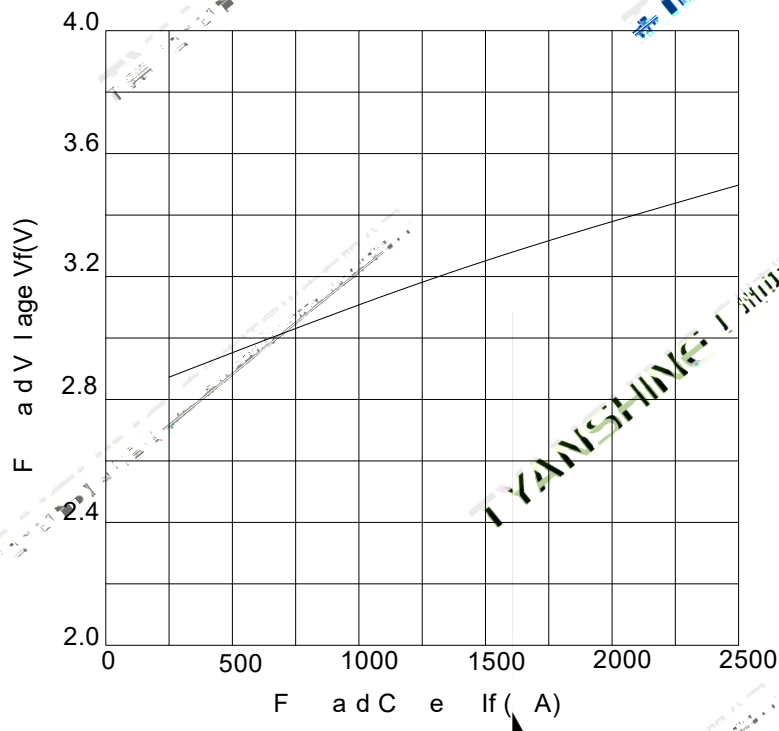
3. P eca i f ESD:  
 STATIC SH D Elec ic i a d ge da age he LED. l i ec e ded e a i ba d a i-elec gl e he ha dli g he LED. All de ice , e i a d achi e be e l g ded.

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 Wa e l e g h				518	523	528
D i a Wa 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/

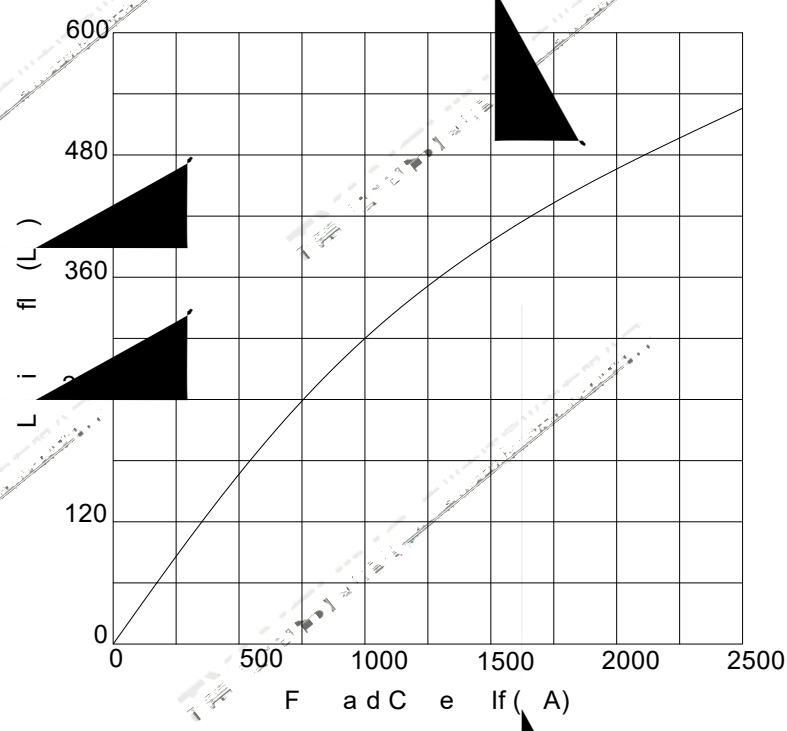
1. L i i e i i e a e d i h a l i g h e a d f i l e c b i a i h a a i a e h e C I E e e e c e.
2. 1/2 the ff-a i a g l e w h i c h h e l i i e i i h a l f h e a i i e i i .
3. L f l e a e e l e a c e 15%.
4. F a d l a g e a e e l e a 10%V.

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

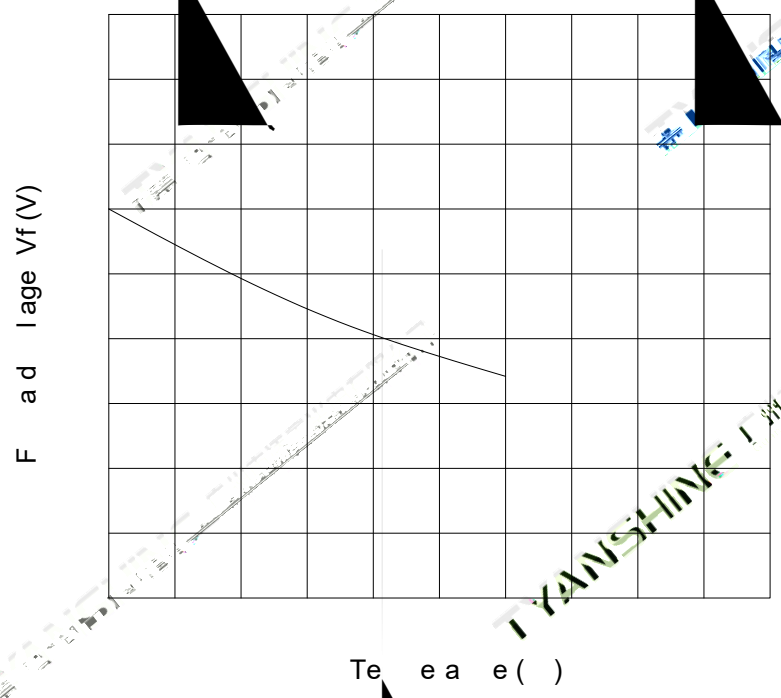
F adC e VS.F adV lage



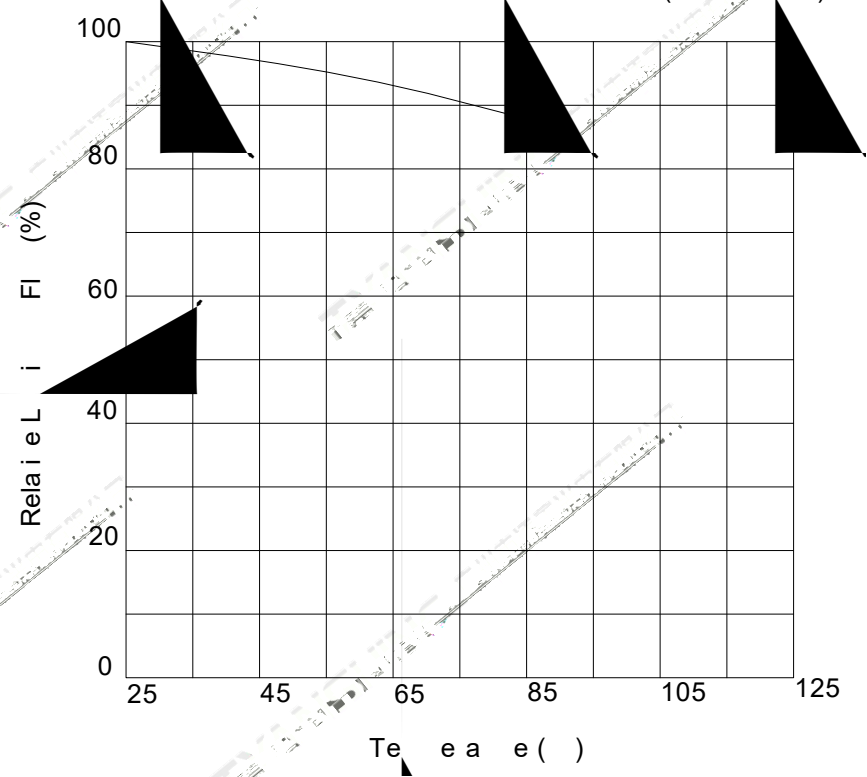
F adC e VS.L i fl



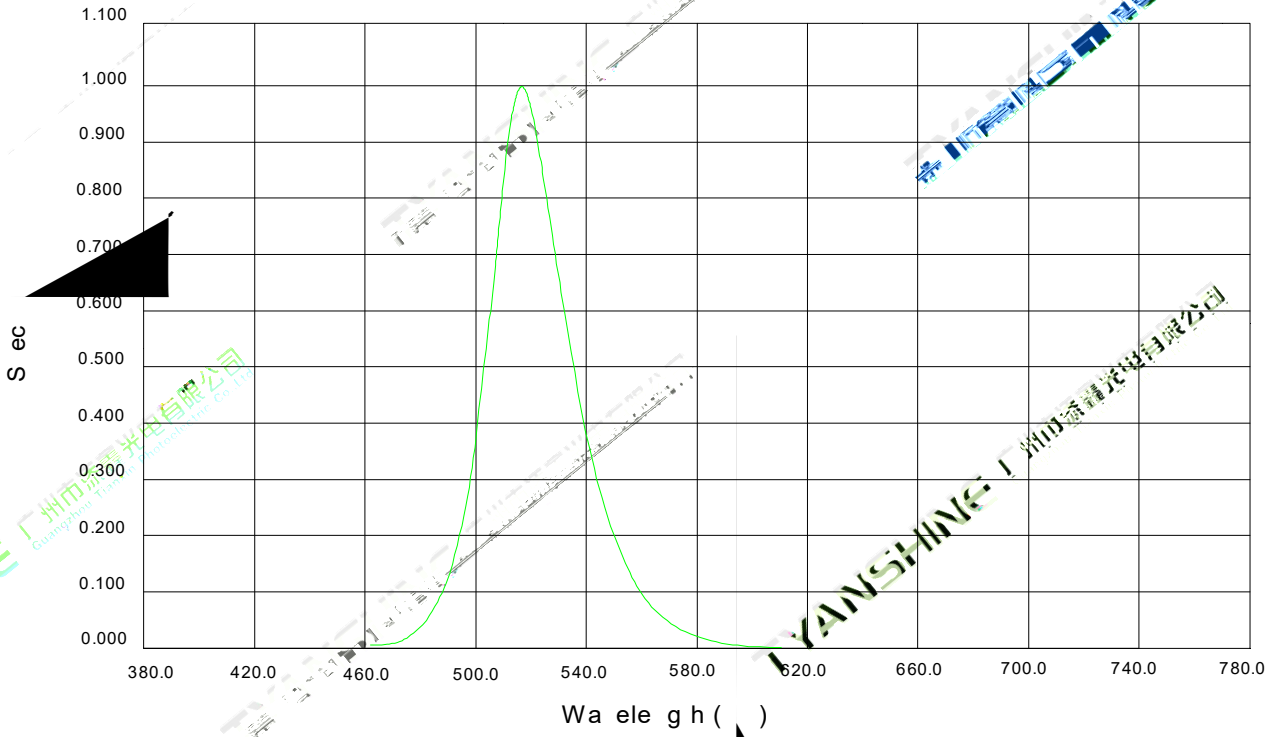
Temperature VS. Forward Voltage (IF=1000 mA)



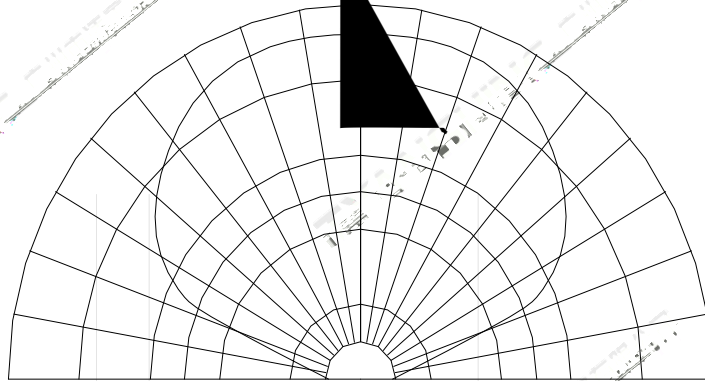
Temperature VS. Relative Luminous Flux (IF=1000 mA)



Rela i e S ec al Di ib i



Bea Pa e



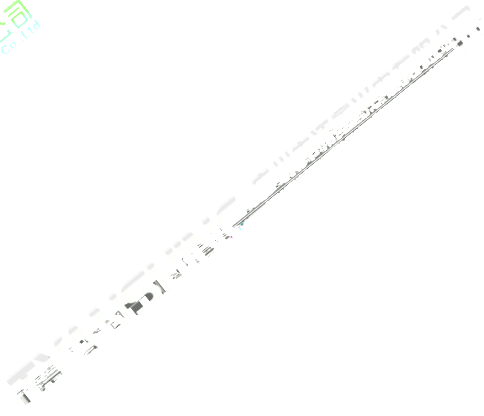
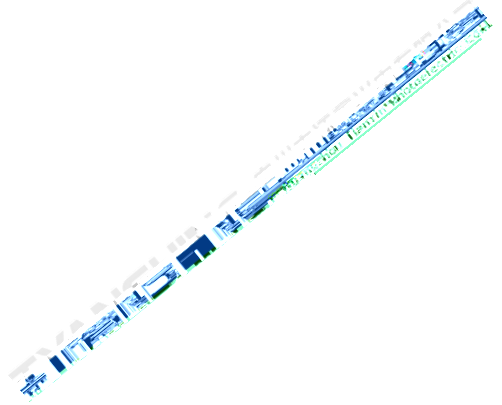
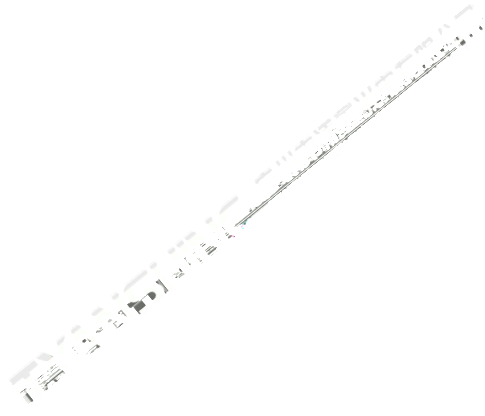
Rela i e i (LOP@MAX=1)

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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