

-3535B5FC120- G C D34-03F

D C E C I F I C A I

F :

- ◆ E celle a i i g hea f LED chi e a i g de 1.5 A.
- ◆ High l i
- ◆ N UV.
- ◆ E ca la ed ae ial a e e i e all ce ified a d ee s i e al e i e e .

C M :

- ◆ GaN

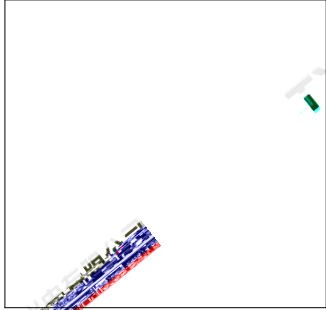
E C :

- ◆ Bl e

A :

- ◆ P able Fla h lig
- ◆ Ga de ligh i g
- ◆ Ge e al Ligh i g

D :



A M (=25°C)

F a d C e	IF	1500	A
Re e e V l a g e	V _R	5	V
Re e e C e	I _R	2	A
P e D i a i	P _D	5700	W
J c i T e e a e	T _j	150	°C
Elec ric Di cha ge Th e h ld (ESD)	ESD	2000	V
S a g e T e e a e	T _g	40 +70	°C
O e a i T e e a e	T	-30 +100	

1. Specific 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.

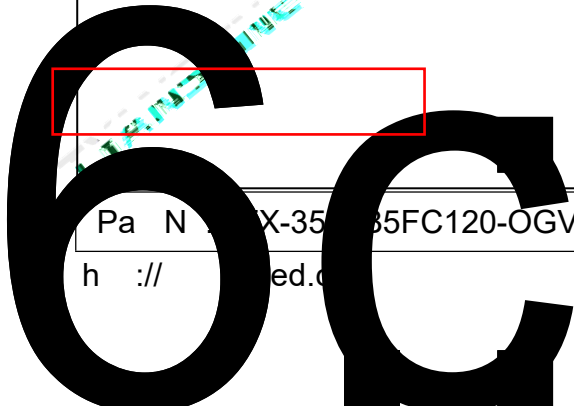
STATIC SHIELD Elec ici a d ge da age he LED. I i ec e ded e a i ba d a i-elec a ic gl e he ha dli g he LED. All de ice , e i e a d achi e be e l g ded.

E C

		C	M	M	
L i F l			32	36	l
F a d V l a g e	V _f		2.9	3.3	3.7 V
Peak E i i W a e l e g h		I _f =700 A	443	448	453
D i a W a e l e g h	d		447	452	457
S e c a l L i e H a l f W i d h	Δ		15	20	25
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 i a c e J c i C a e	R _{J-C}		6		

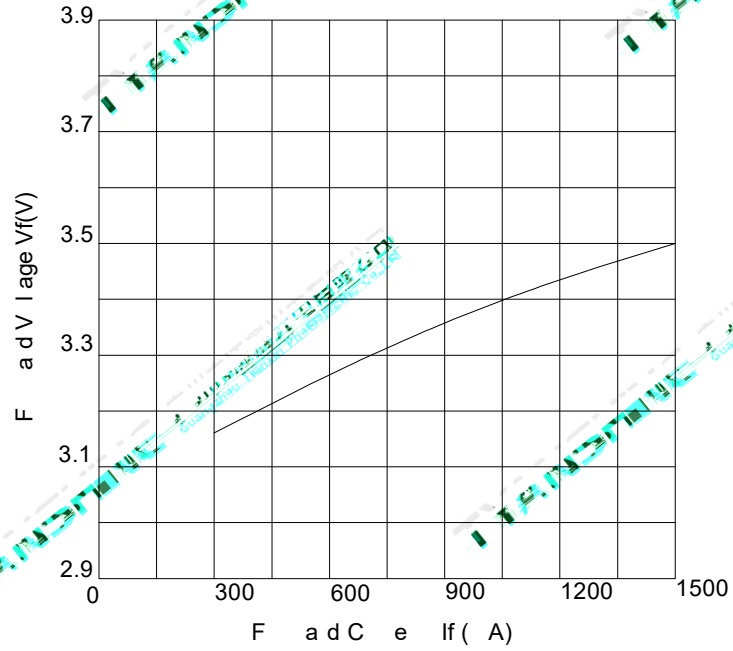
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1. L i f l e i i e a e d i h a l i g h e a d f i l e c b i a i h a a i a e h e C I E e e e e c e .
2. 1/2 i h e f f a i a g l e a h i c h h e l i i e i i h a l f h e a i a l l i e i .
3. L i f l e a e e l e a c e : 15% .
4. F a d l a g e e a e l e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

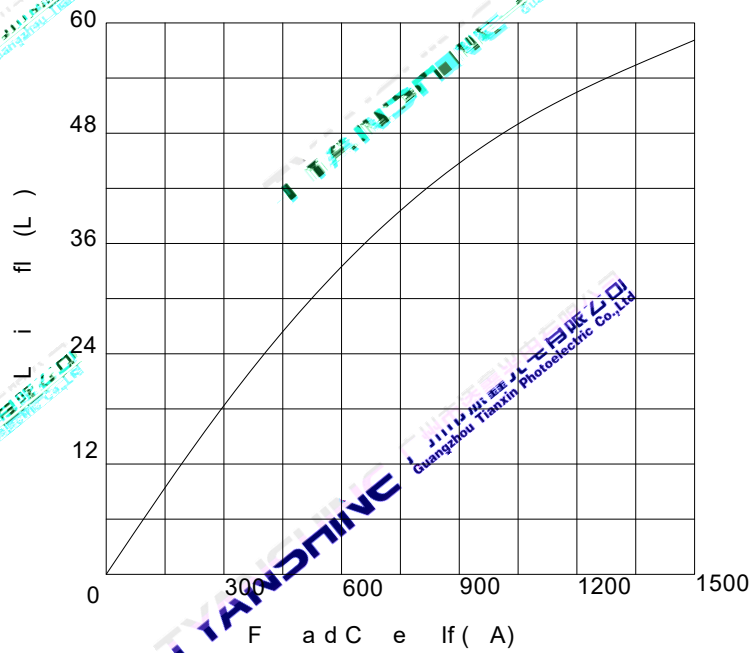


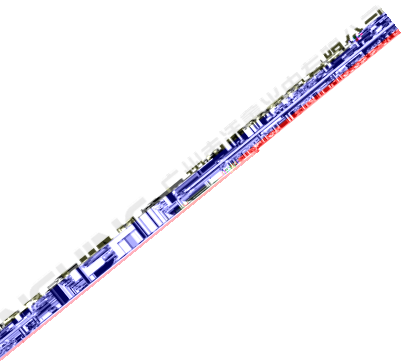
E I C C
(25°C Ambient Temperature)

Forward Voltage VS. Forward Current



Forward Current VS. Light Flux



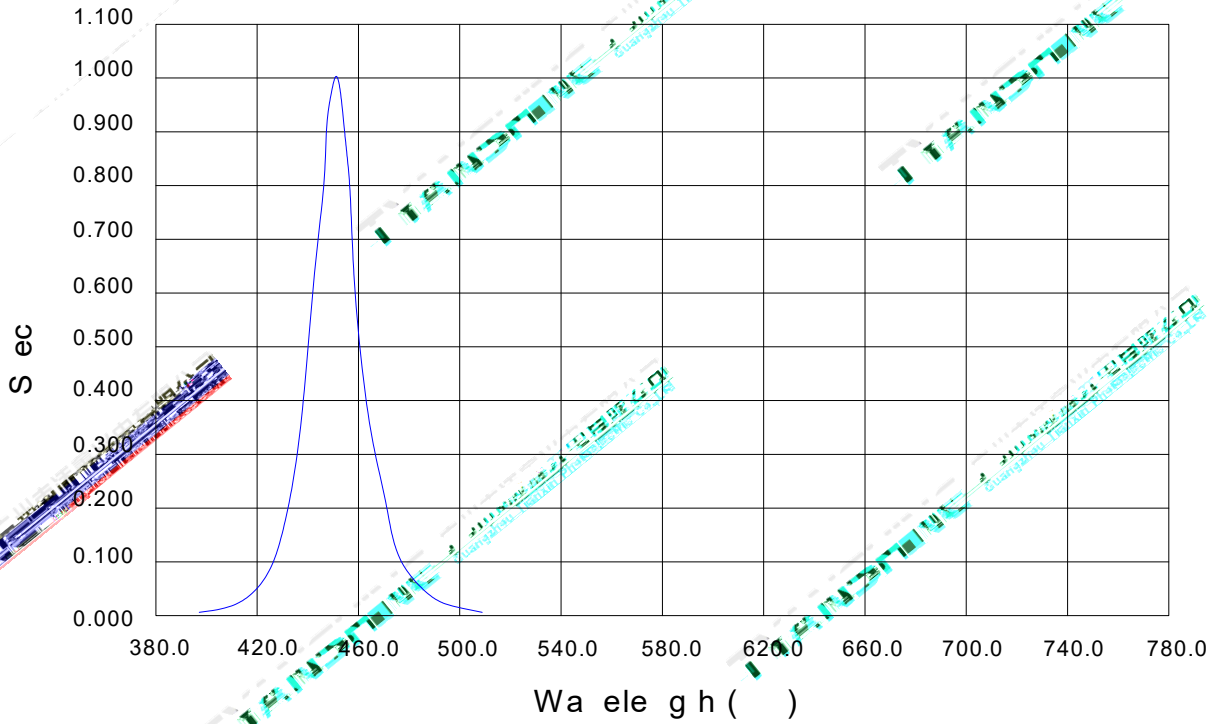


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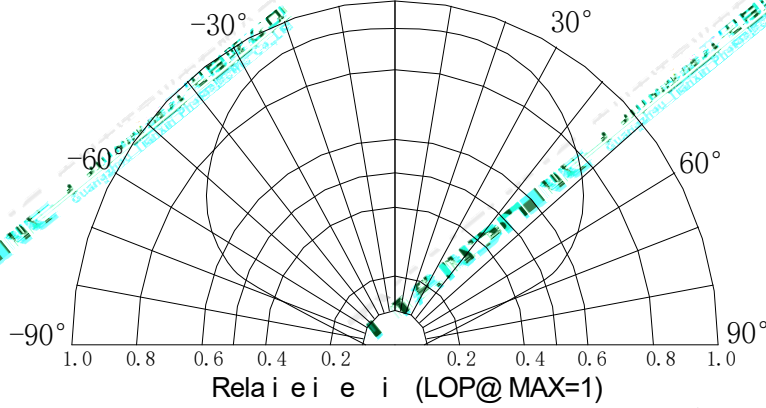
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Relative Spectral Distribution



Beam Angle



1. The half angle of the beam is 1/2 of the full angle.
2. The beam diameter is 5mm.

E C

Temperature: 5°C 30°C (41°F 86°F)

Humidity: 60% RH Max.

C

Use the circuit in the following figure.

