

Each cell is a high power LED chip with a current of 1000 mA.

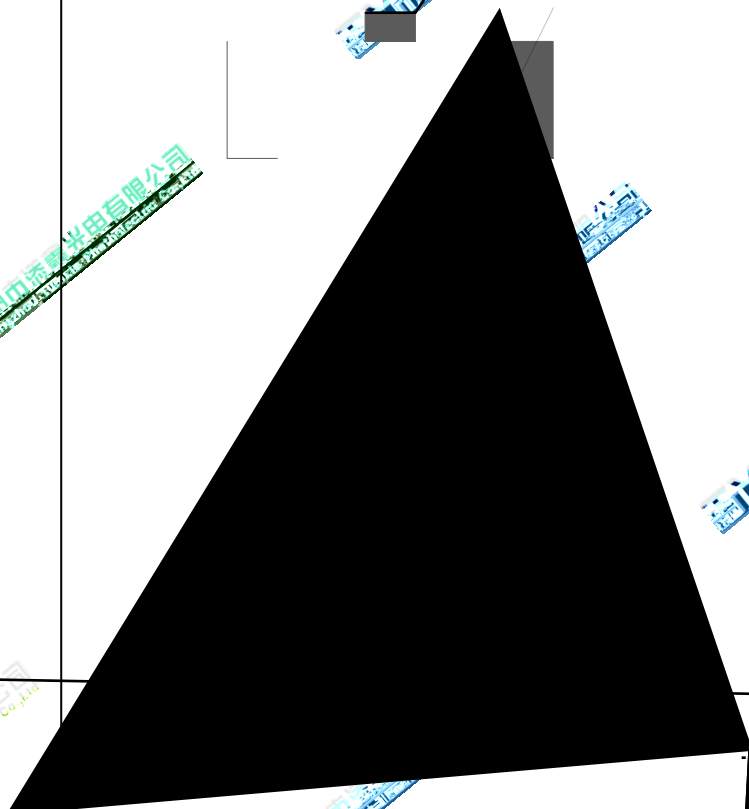
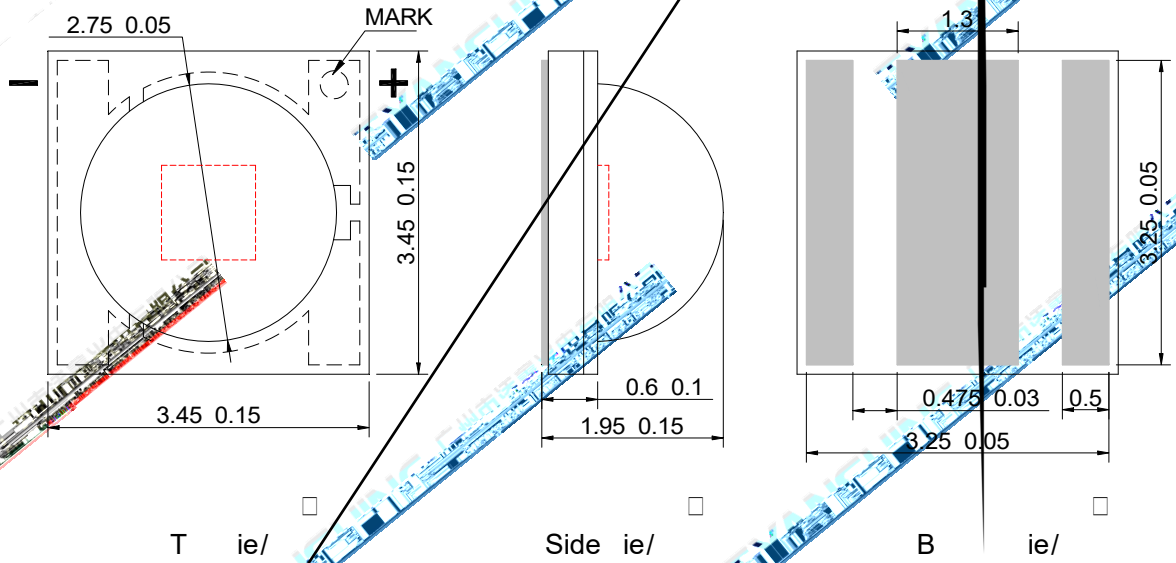
High power
UV.

Each layer is a special material that is all certified and tested to meet the requirements.

LEVEL1

Red

Powerful High
Grade Lighting
General Lighting



Forward Current	IF	1000	A
Reverse Voltage	VR	5	V
Power Dissipation	PD	2300	W
Junction Temperature	Tj	150	
Electrostatic Discharge Threshold (ESD)	ESD	ESD ejection device	V
Storage Temperature	Tg	-40 +70	
Operating Temperature	T	-30 +85	
Case Temperature (Tc)	Tc	85	

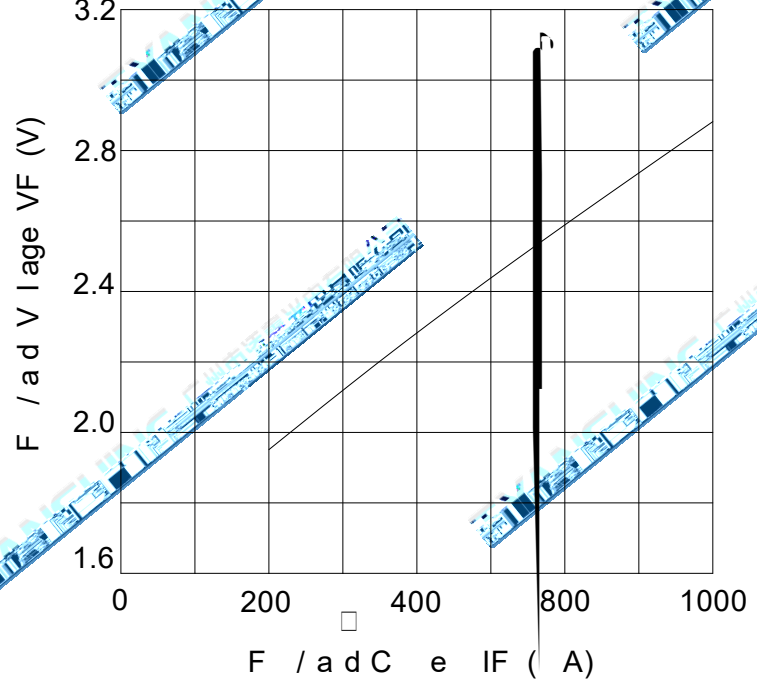
1. Specific application charge / discharge.
2. The data here specifies the reference load and the actual data is according to the package / led type.
3. Precautions for ESD:
 STATIC SHIELD Electrostatic discharge protection for the LED. It is recommended to use a / i bag for anti-electrostatic / handling of the LED. All devices, especially the package, should be stored in a dry place.
 4. The data here is for reference only, please refer to the actual data.

L i F l		If=350 A	55	70	85	l
F / a d V l a g e	V _r		1.8	2.2	2.6	V
Peak E i i W a e l e g h			630	635	640	
D i a W a e l e g h	d		618	622	625	
S e c a l L i e H a l f W i d h			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 s i s t a n c e J u n c t i o n C a e	R _{J-C}			6.3		K/W
T e s t e a e C e f f i c i e n t V l a g e	V _{F/T}	If=350 A	-2		V/	

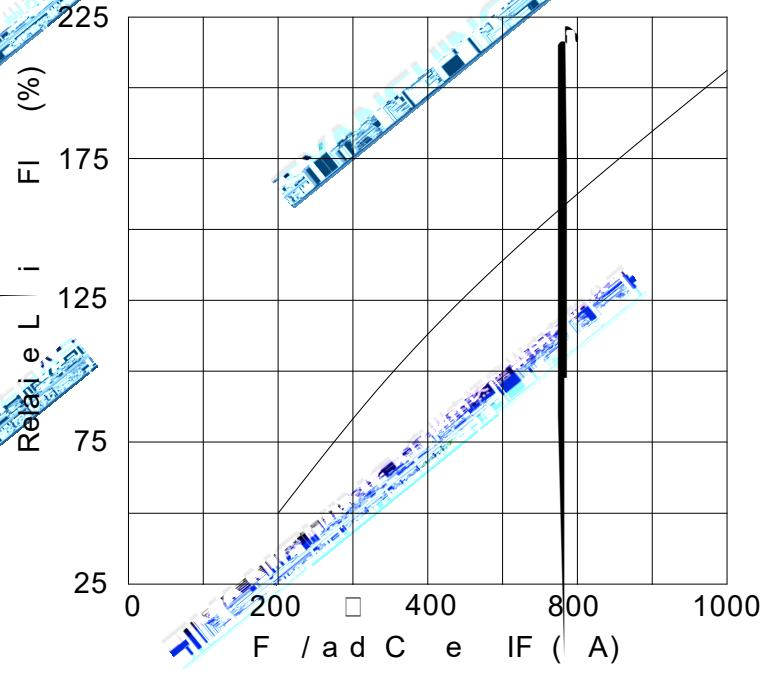
1. L i f l e e i i e a e d / i n a l i g h e a d f i l e c b i a i h a a i a e h e C I E e e e e c e .
2. 1/2 i h e f f a i a g l e a / h i c h h e l i i e i i h a l f h e a i a l l i e i .
3. L i f l e a e e l e a c e : 15% .
4. F / a d l a g e e a e e l e a c e : 0.15V .

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

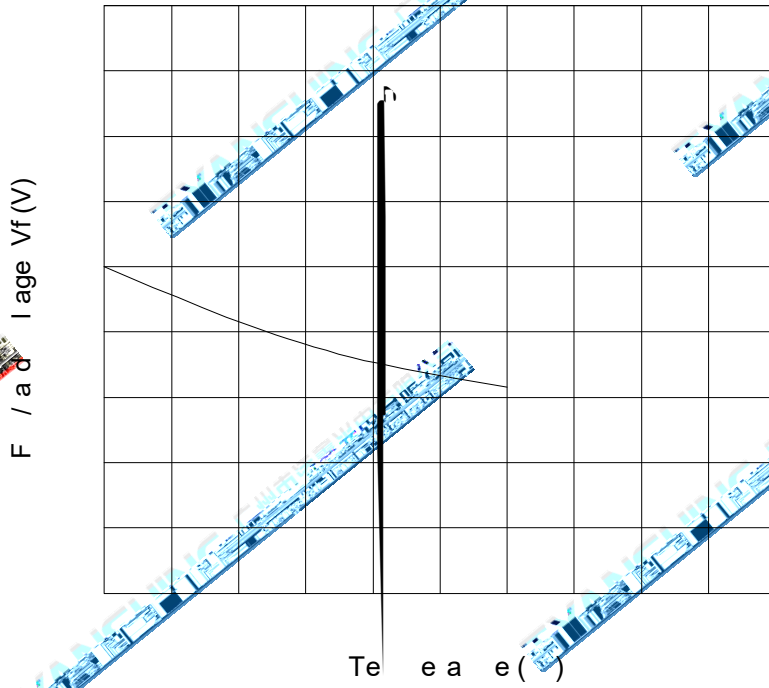
F / a d C e VS. Relai e F / a d V lage



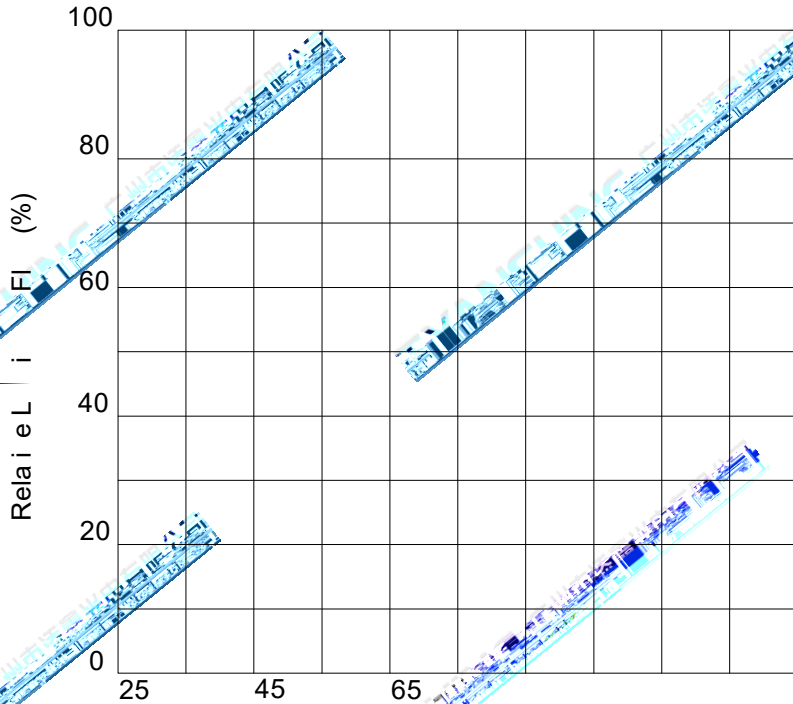
F / a d C e VS. Relai e L i FI



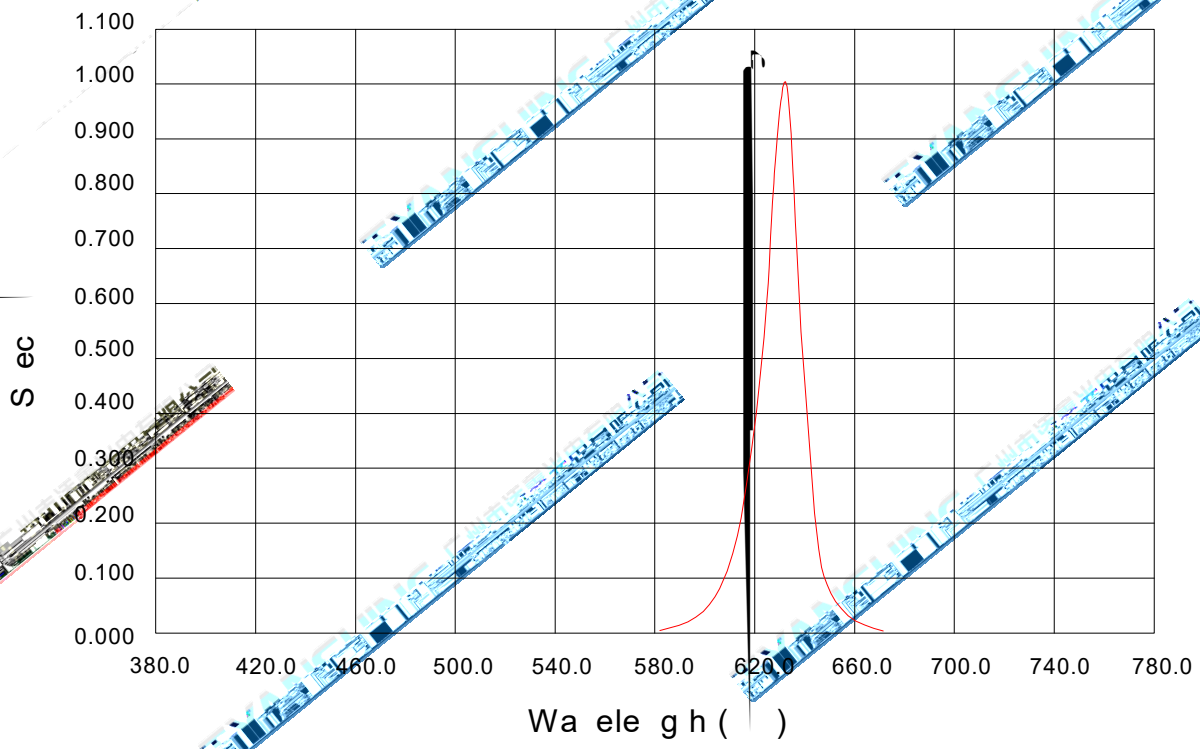
Temperature VS. Forward Voltage (IF=350 mA)



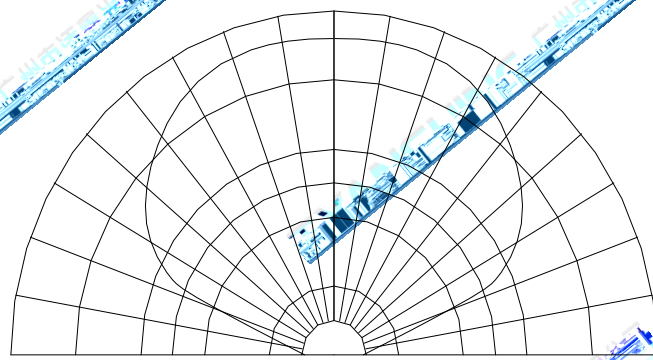
Temperature VS. Relative Lifetime (IF=350 mA)



Relative S e c al D i s t r i b u t i o n



Beam Pattern



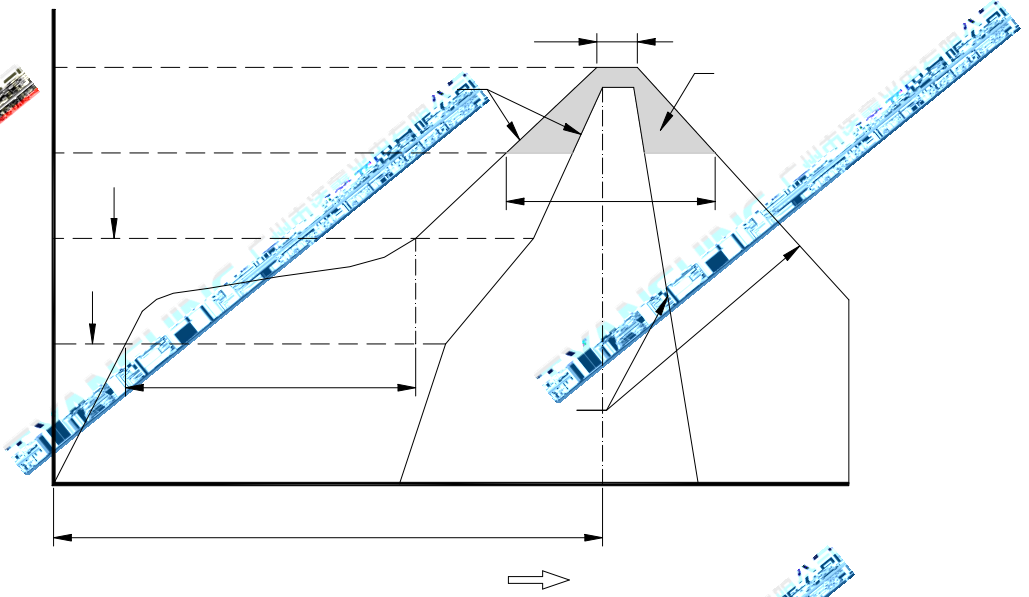
Relative Intensity (LOP@MAX=1)

1.20° L

Temperature: 5 ~ 30 (41 ~ 86 °F)

Humidity: 60% RH Max.

Use height: h / h_{max} as shown in figure.



Age Rating: L70-B30 (T ₉₀ = 30,000 h)	3 / year
Power: Total Power (P _T)	130
Power: Total Power (P _T)	190
Power: Total Power (P _T)	120-180 / year
Temperature: Ambient Temperature (T _a)	230
Temperature: Ambient Temperature (T _a)	60-150 / year
Peak/Cut-off Temperature (T _P)	255
Temperature: Ambient Temperature (T _a)	10-35 / year
Temperature: Ambient Temperature (T _a)	5 / year
Temperature: Ambient Temperature (T _a)	7 / year

All electrical connections should be made on the back face.

