

# PRODUCT SPECIFICATION



**Part No. : JH-324WWW12P35-J17C-95**  
**High Power LED**

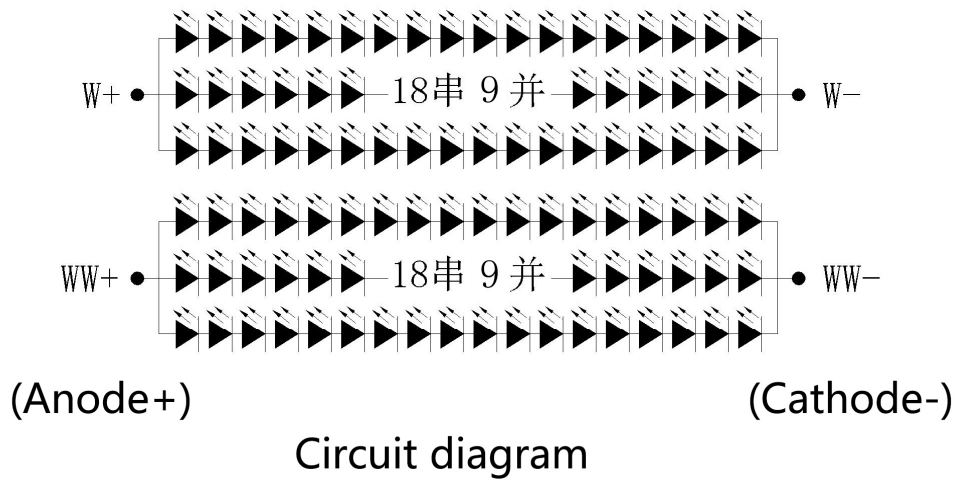
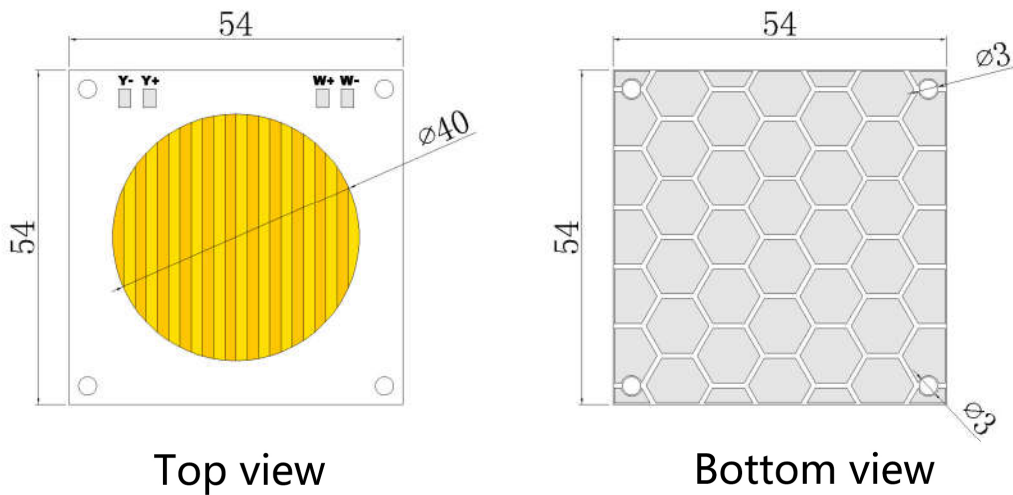
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# 1.Product Features

- High Brightness W/WW LED
- Chip Material: InGaN
- Plane Package
- RoHS Compliant
- Viewing Angle 140 Degree

# 2.Dimensions



### Notes:

1. All dimensions are in millimeters.
2. Tolerance is  $\pm 0.1\text{mm}$  unless otherwise noted.

### 3. Absolute Maximum Rating @ Ta=25° C

Parameter	Symbol	Maximum Rating	Unit
Continuous Forward Current	IF	3000	mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	IFp	3500	mA
Reverse Voltage	VR	59	V
Power Dissipation	PD	324	W
Electrostatic Discharge	ESD	1000	V
Operating Temperature Range	TOPR	-25°C to +80°C	
Storage Temperature Range	TSTG	-35°C to +100°C	
Lead Soldering Temperature	TSOL	260°C	

### 4. Optical Character @ Ta=25° C

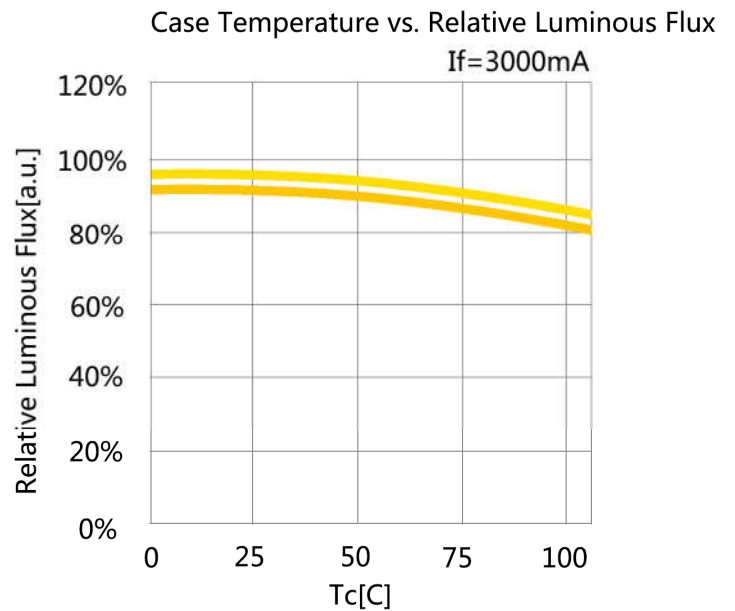
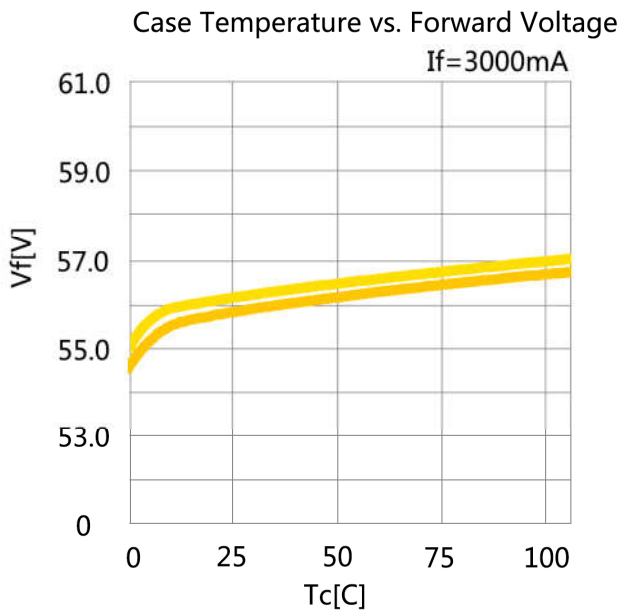
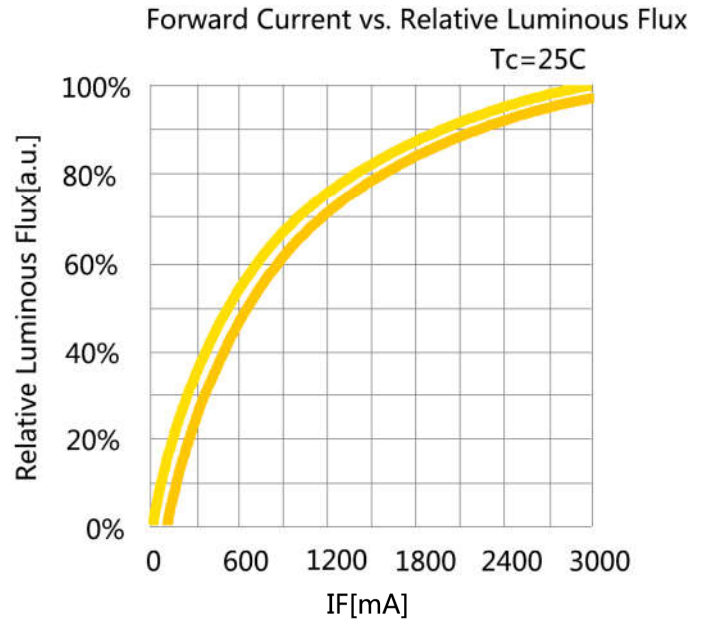
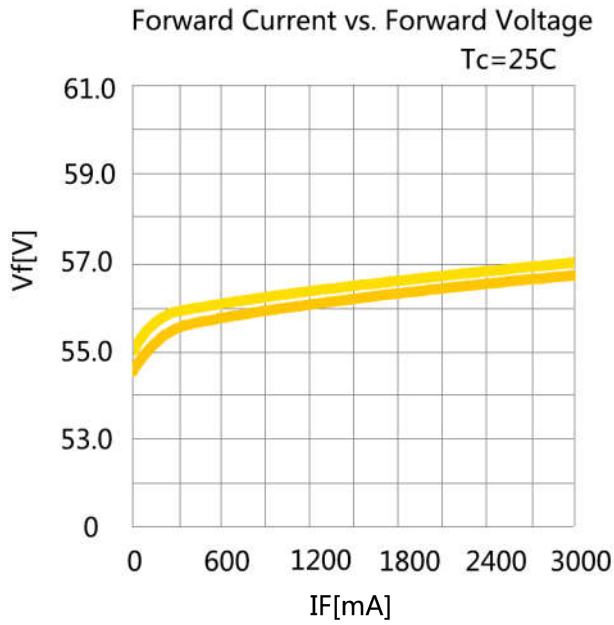
参数	符号	颜色	最小值	平均值	最大值	单元	测试条件
Forward Voltage	VF	W	55	56	57	V	IF=3000mA
		WW	55	56	57	V	IF=3000mA
Luminous Flux	Φ	W	13000	14000	15000	Lm	IF=3000mA
		WW	12000	13000	14000	Lm	IF=3000mA
Color Temperature	Tc	W	6000		7000	K	IF=3000mA
		WW	2500		2900	K	IF=3000mA
Reverse Current	IR		0		10	μA	VR=59V
Display index	Ra	W/WW	95			/	IF=3000mA
Viewing Angle	2θ1/2				140	deg	IF=3000mA
Recommend Forward Current	IF(rec)	W/WW			3000	mA	

#### Notes:

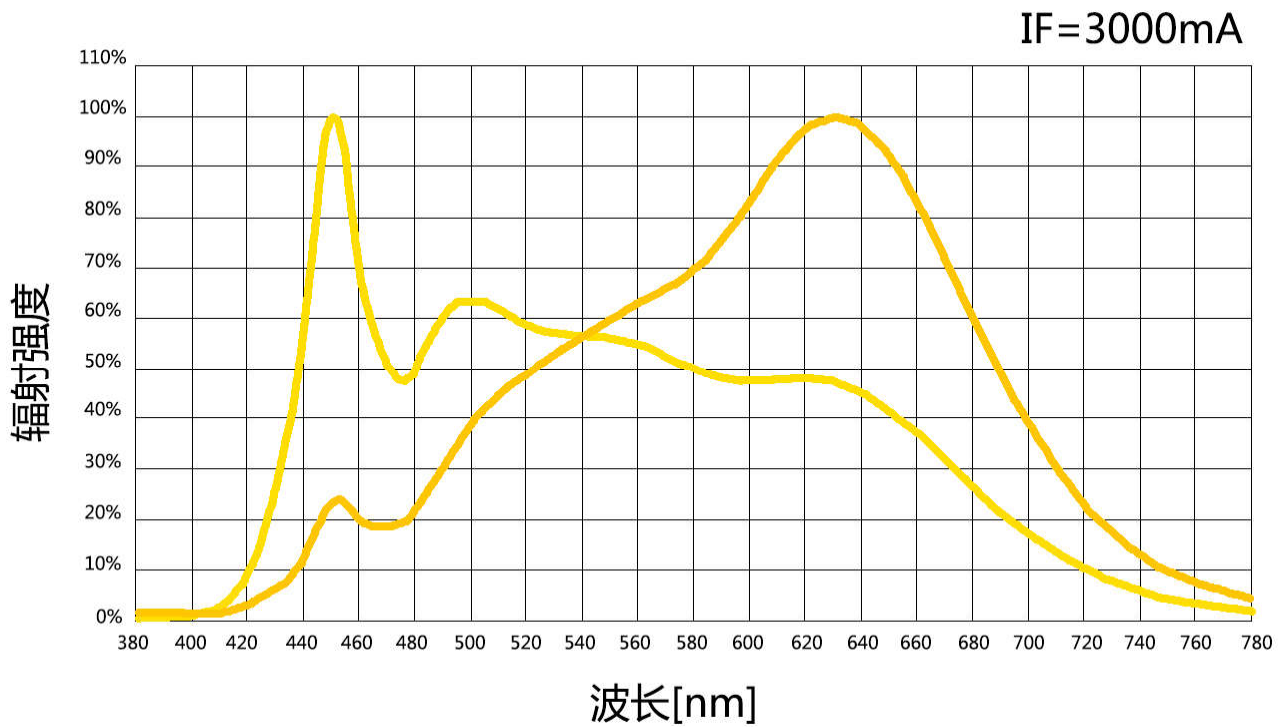
Measurement tolerance of forward voltage±0.1V

## 5. Optical Character Curves

( 25 ° Ambient Temperature Unless Otherwise Noted )



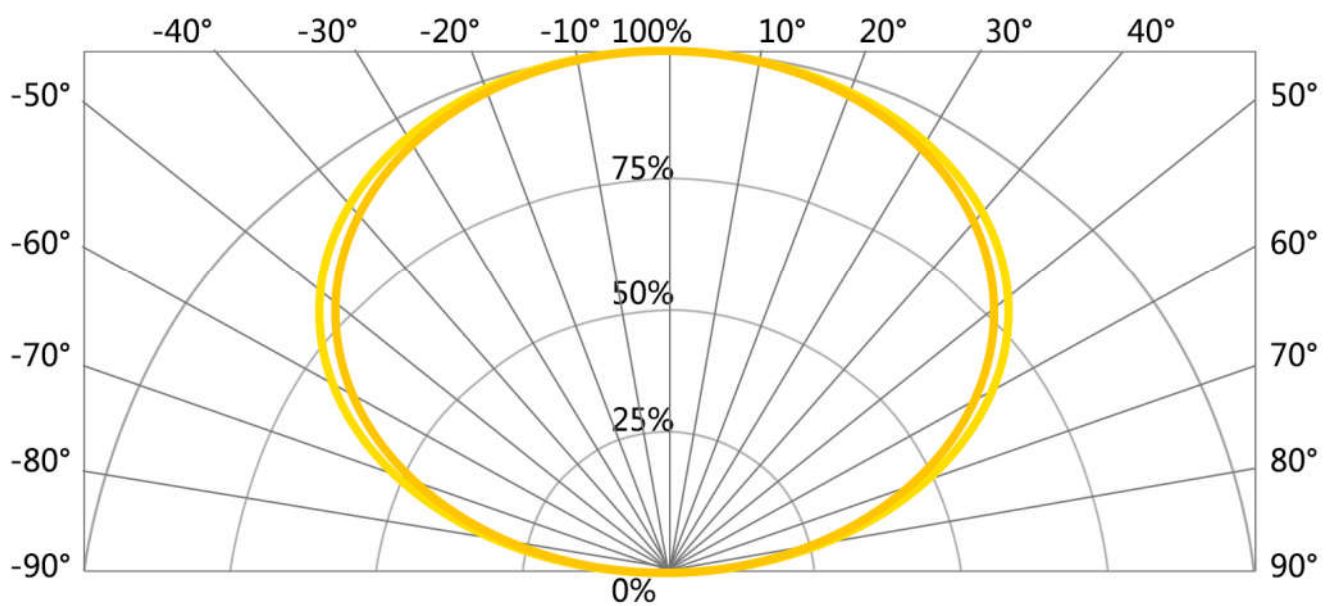
## 6. Spectrum Curves



## 7. Viewing Angle Curves

Radiation Characteristic

IF=3000mA



## 8.Cautions

### 1. Electrostatic Treatment

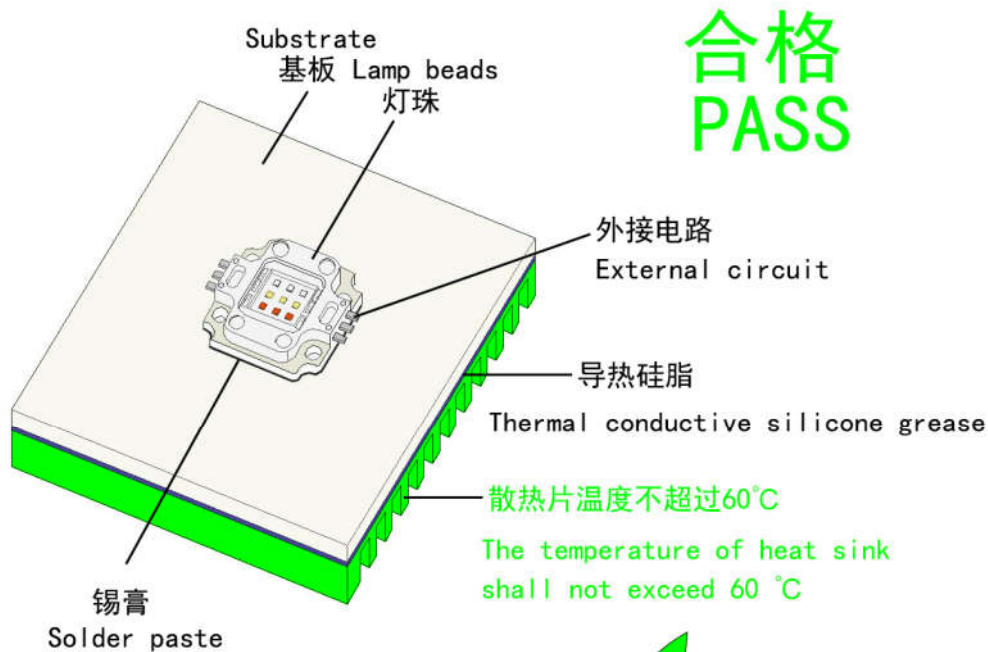
Do a full range of anti-static measures (such as: anti-static ring, anti-static clothes, machine, equipment grounding wire, etc.)



### 2. Heat Dissipation

A、 It is recommend to configure reasonable heat dissipation device for the product.

B、 The best working temperature range of the product is 40-60°. It is recommended to control the working temperature of the product within a reasonable range.



合格  
PASS

OK

