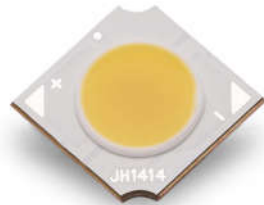


PRODUCT SPECIFICATION



Part No. : JH-10WBVG14G24-Y6C-T4
High Power LED

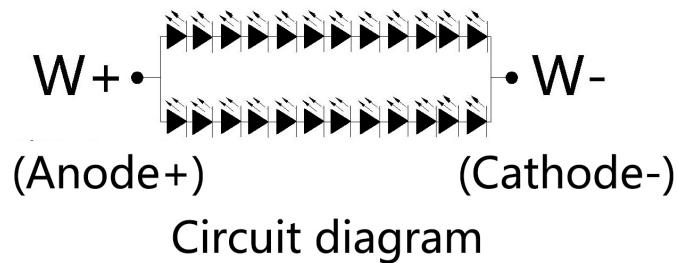
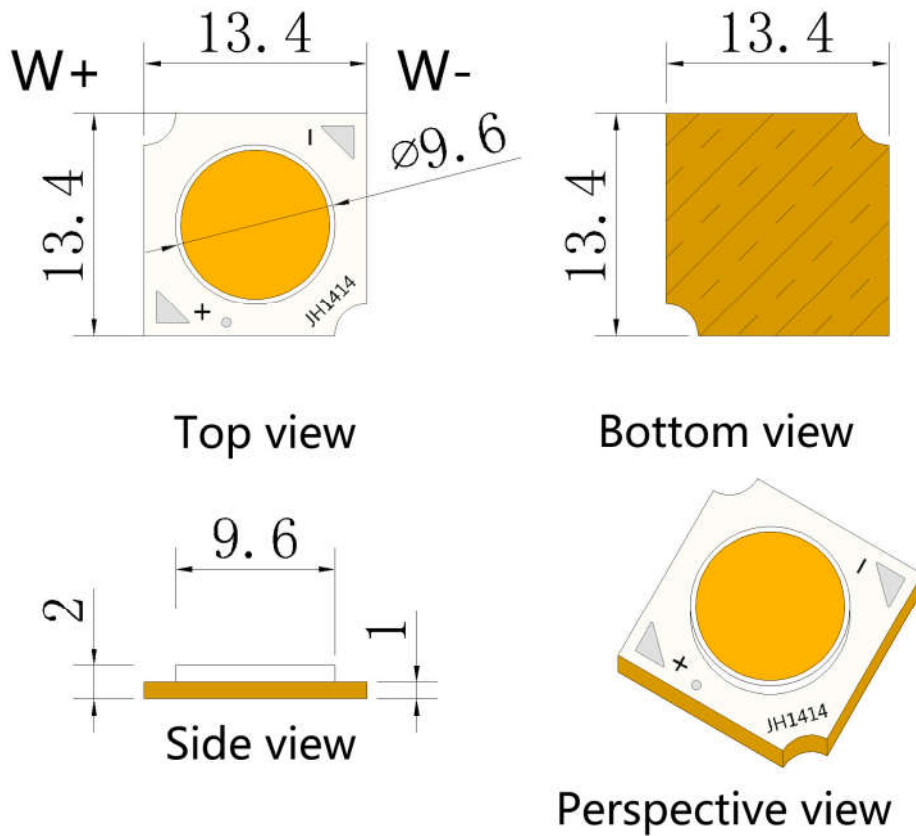
Catalog

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1. Product Features

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

2. Dimensions



Notes:

1. All dimensions are in millimeters.
2. Tolerance is ± 0.1 mm unless otherwise noted.

3. Absolute Maximum Rating @ Ta=25° C

Parameter	Symbol	Maximum Rating	Unit
Continuous Forward Current	IF	300	mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	IFp	500	mA
Reverse Voltage	VR	40	V
Power Dissipation	PD	10	W
Electrostatic Discharge	ESD	1000	V
Operating Temperature Range	TOPR	-25°C to +60°C	
Storage Temperature Range	TSTG	-35°C to +80°C	
Lead Soldering Temperature	TSOL	260°C	

4. Optical Character @ Ta=25° C

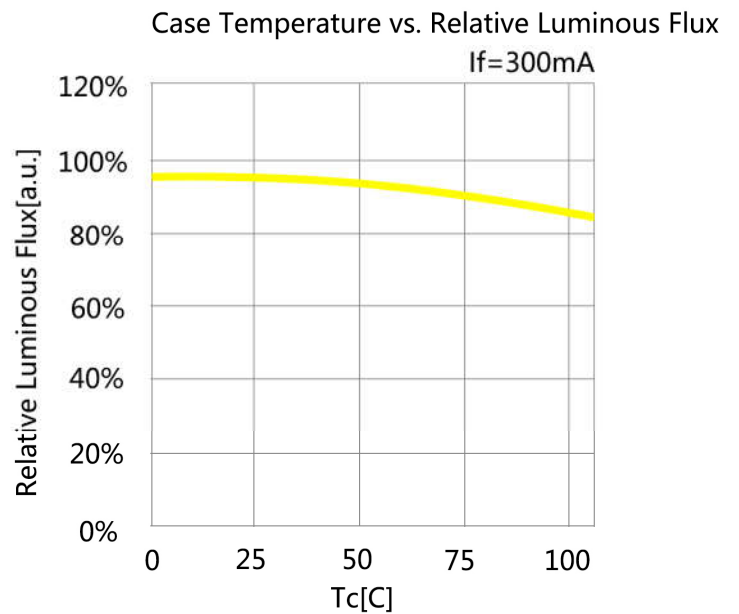
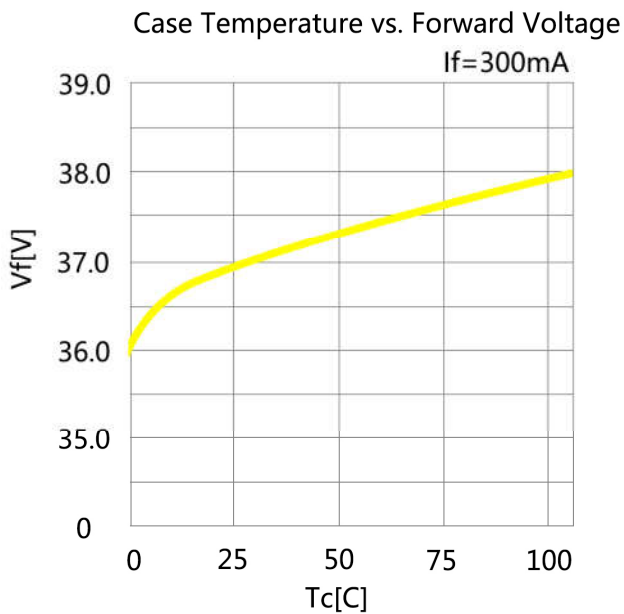
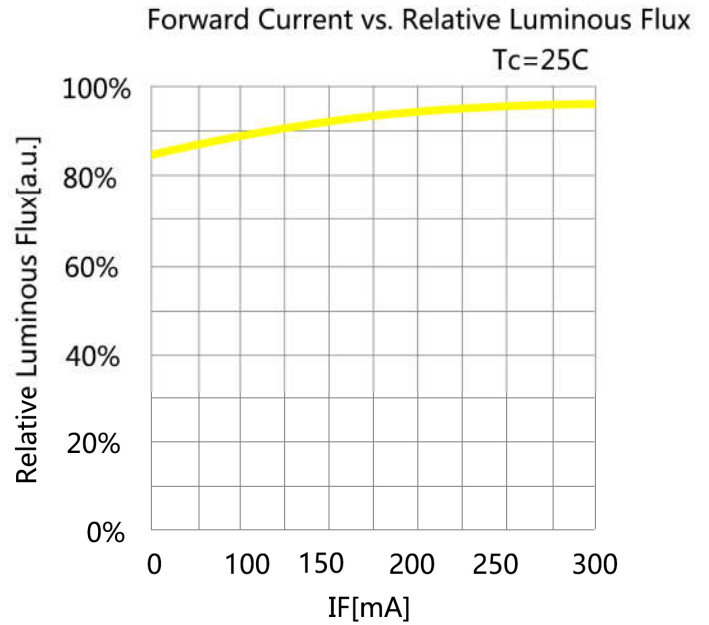
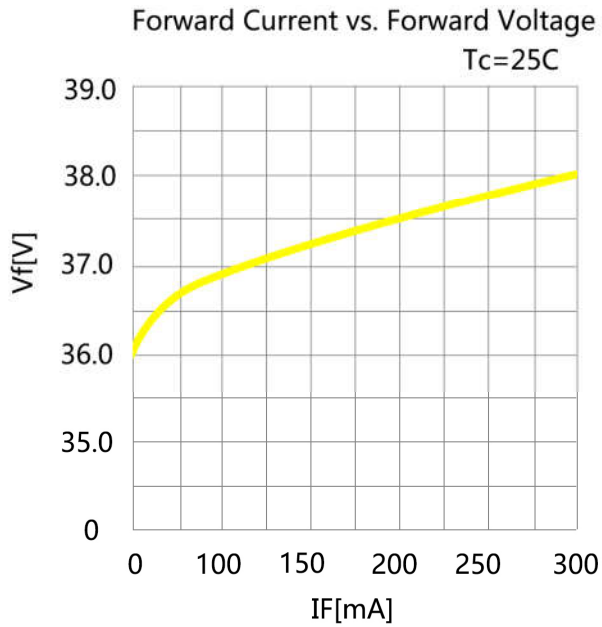
参数	符号	颜色	最小值	平均值	最大值	单元	测试条件
Forward Voltage	VF	W	36	37	38	V	IF=300mA
Luminous Flux	Φ	W	650	750	850	Lm	IF=300mA
Chromaticity Coordinates	x			0.38		\	IF=300mA
	y			0.38		\	IF=300mA
Color Temperature	Tc			4000		K	IF=300mA
Reverse Current	IR		0		10	μA	VR=40V
Color rendering index	Ra			98			IF=300mA
Viewing Angle	2θ1/2				140	deg	IF=300mA
Recommend Forward Current	IF(rec)	W			300	mA	

Notes:

Measurement tolerance of forward voltage ±0.1V

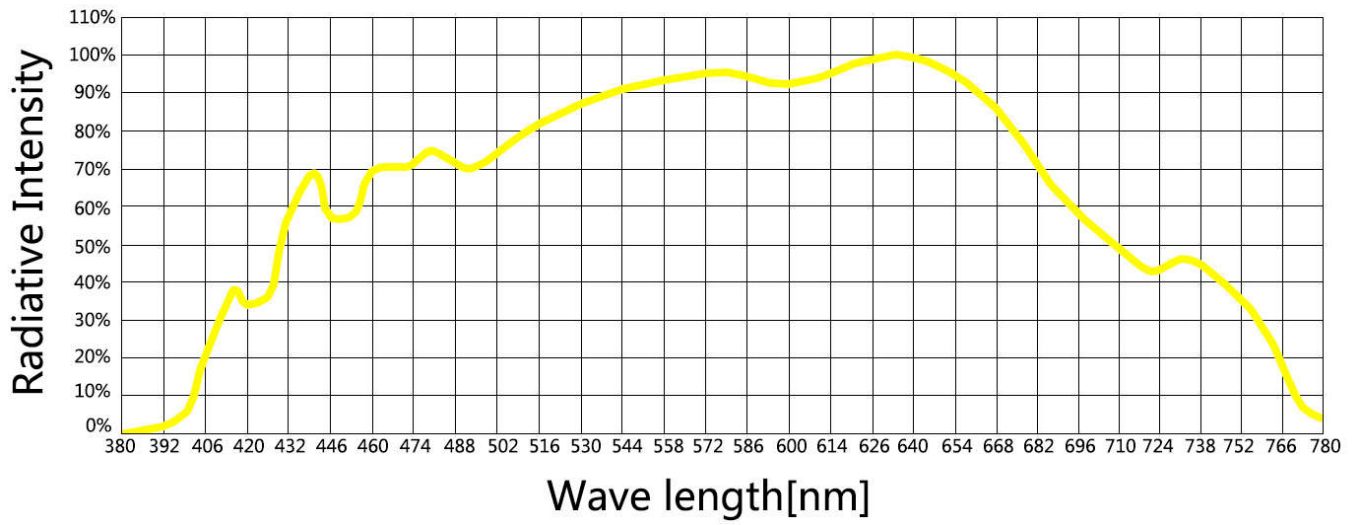
5. Optical Character Curves

(25 ° Ambient Temperature Unless Otherwise Noted)



6. Spectrum Curves

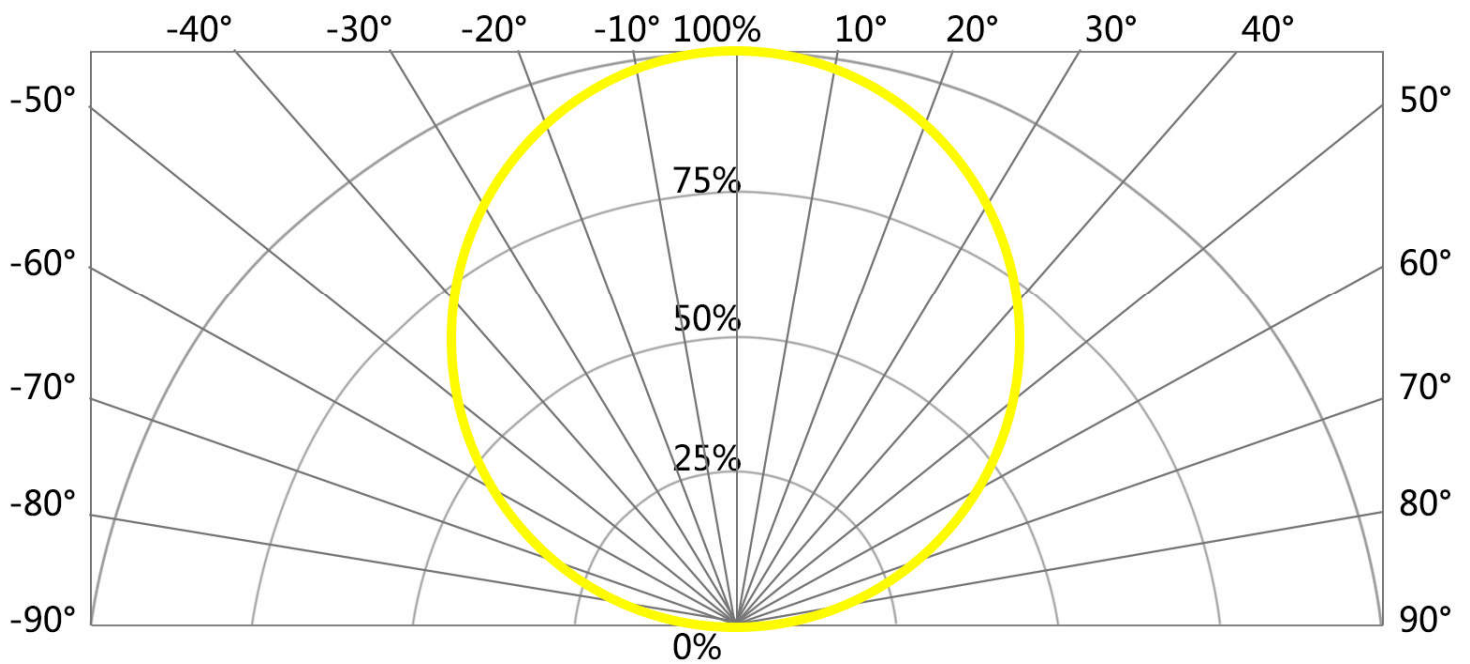
IF=300mA



7. Viewing Angle Curves

Radiation Characteristic

IF=300mA



8.Cautions

1. Electrostatic Treatment

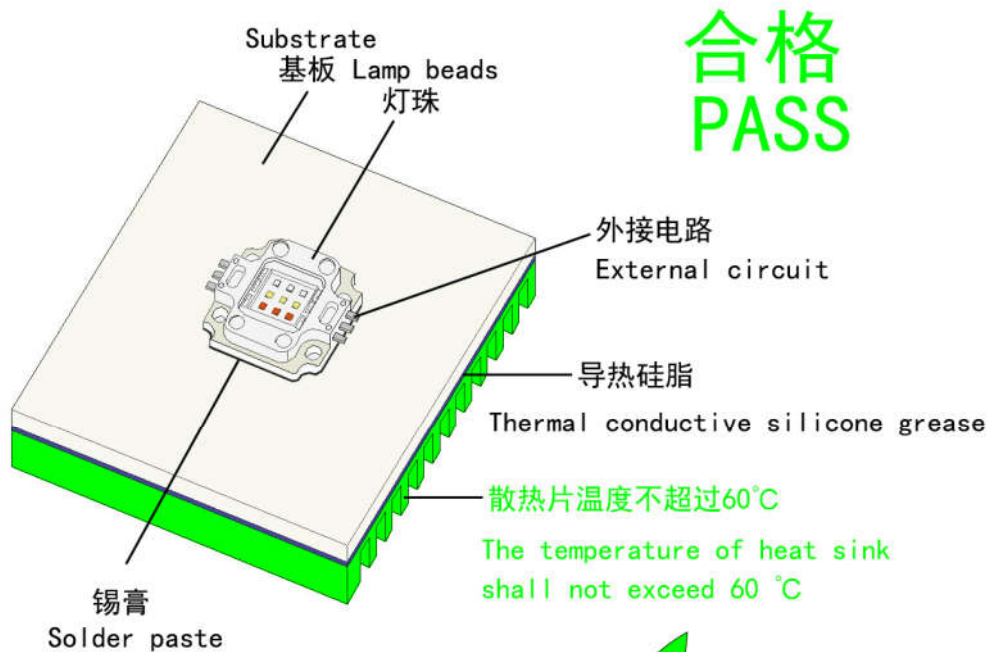
Do a full range of anti-static measures (such as: anti-static ring, anti-static clothes, machine, equipment grounding wire, etc.)



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

