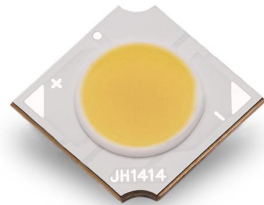


PRODUCT SPECIFICATION



Part No. : JH-10WBVGIR14G24-Y6C-T4
High Power LED

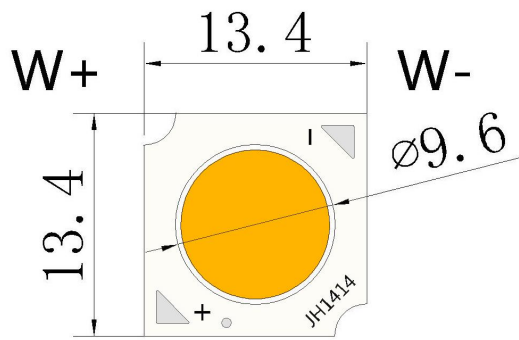
Catalog

1.Product Features	P2
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5.Optical Character Curves	P4
6.Spectrum Curves	P5
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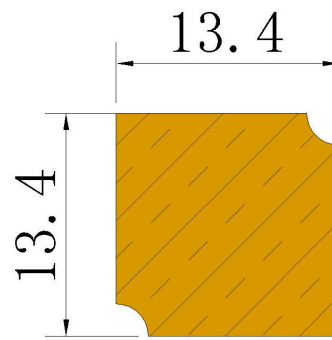
1.Product Features

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

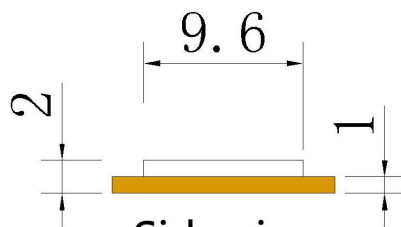
2.Dimensions



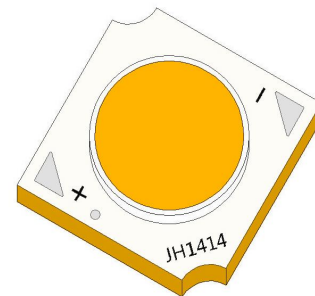
Top view



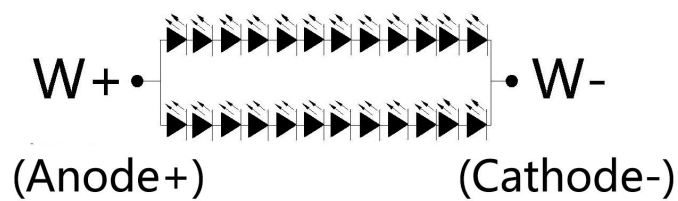
Bottom view



Side view



Perspective view



Circuit diagram

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	300	mA
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	IFp	500	mA
Reverse Voltage	VR	38	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

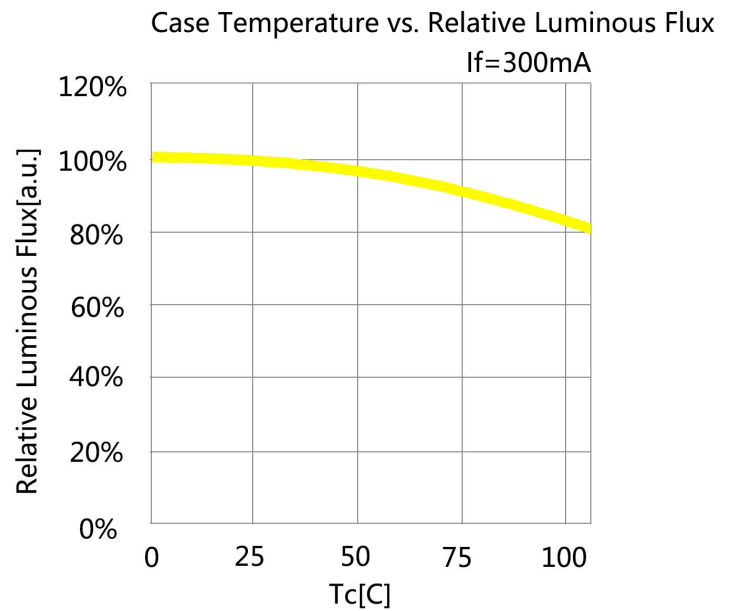
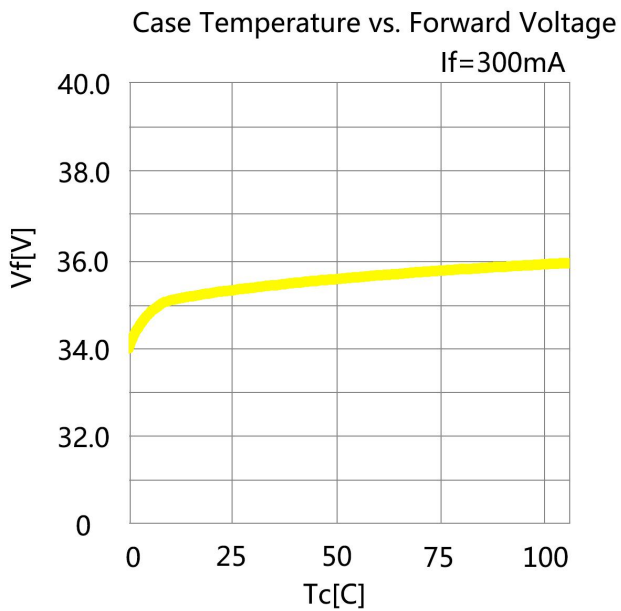
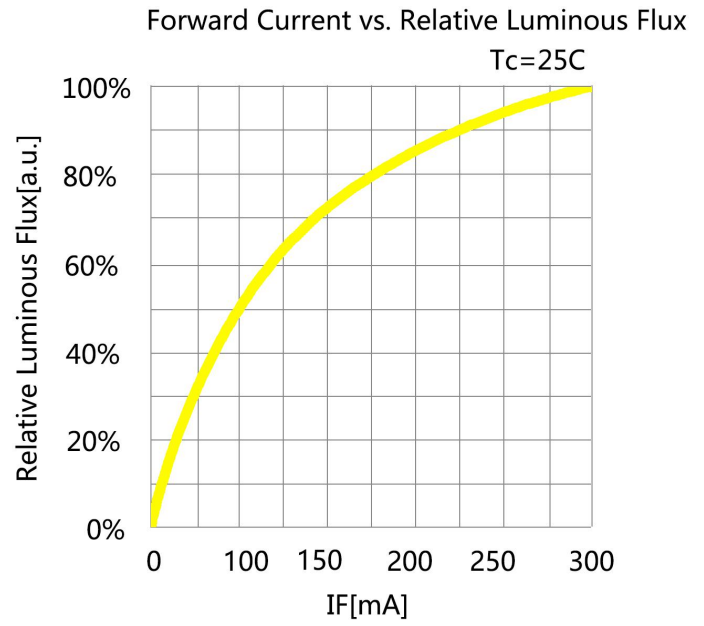
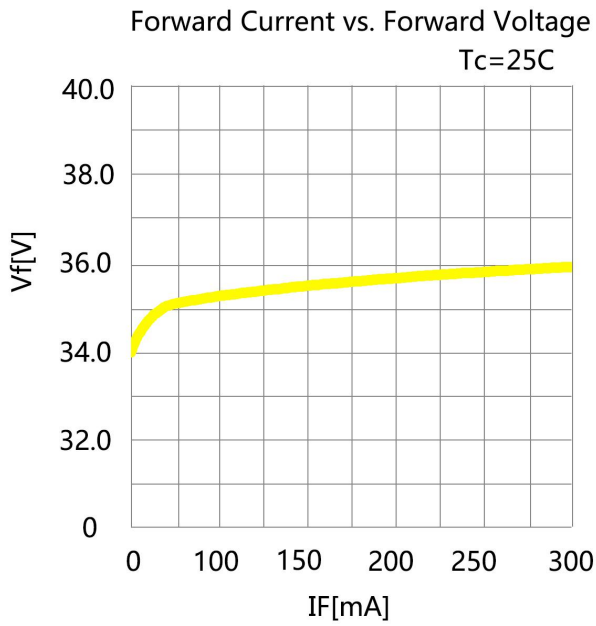
参数	符号	颜色	最小值	平均值	最大值	单元	测试条件
Forward Voltage	VF	W	34	35	36	V	IF=300mA
Luminous Flux	Φ	W	400	500	600	Lm	IF=300mA
Chromaticity Coordinates	x			0.37		\	IF=300mA
	y			0.38		\	IF=300mA
Color Temperature	Tc			4000		K	IF=300mA
Reverse Current	IR		0		10	μA	VR=40V
Color rendering index	Ra		95		98		IF=300mA
Viewing Angle	2θ1/2				140	deg	IF=300mA
Recommend Forward Current	IF(rec)	W			300	mA	

Notes:

Measurement tolerance of forward voltage ±0.1V

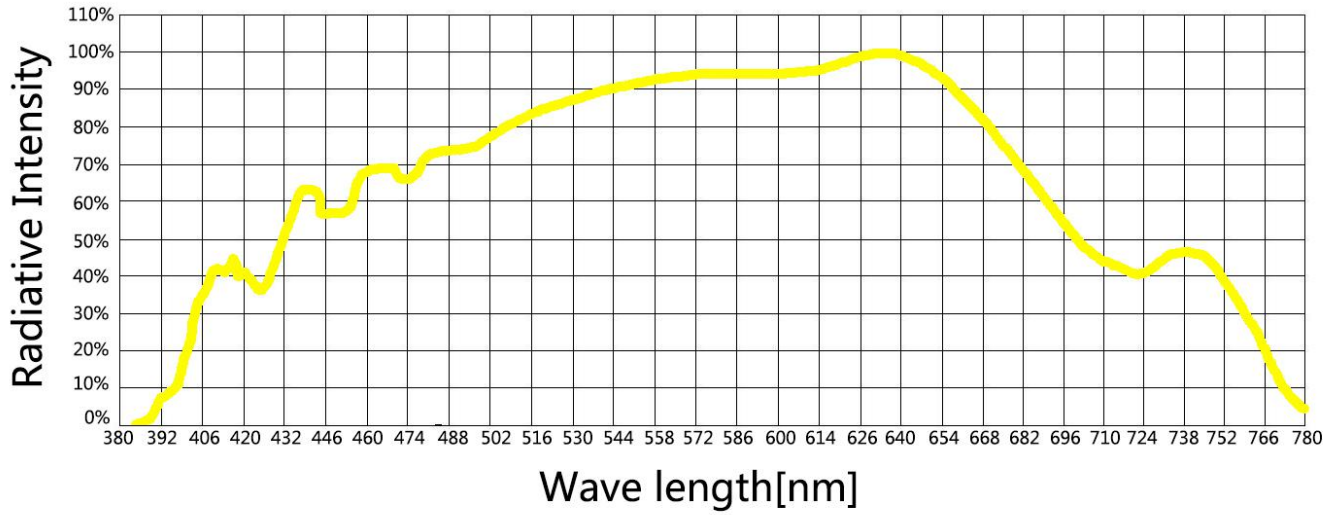
5. Optical Character Curves

(25 ° Ambient Temperature Unless Otherwise Noted)



6. Spectrum Curves

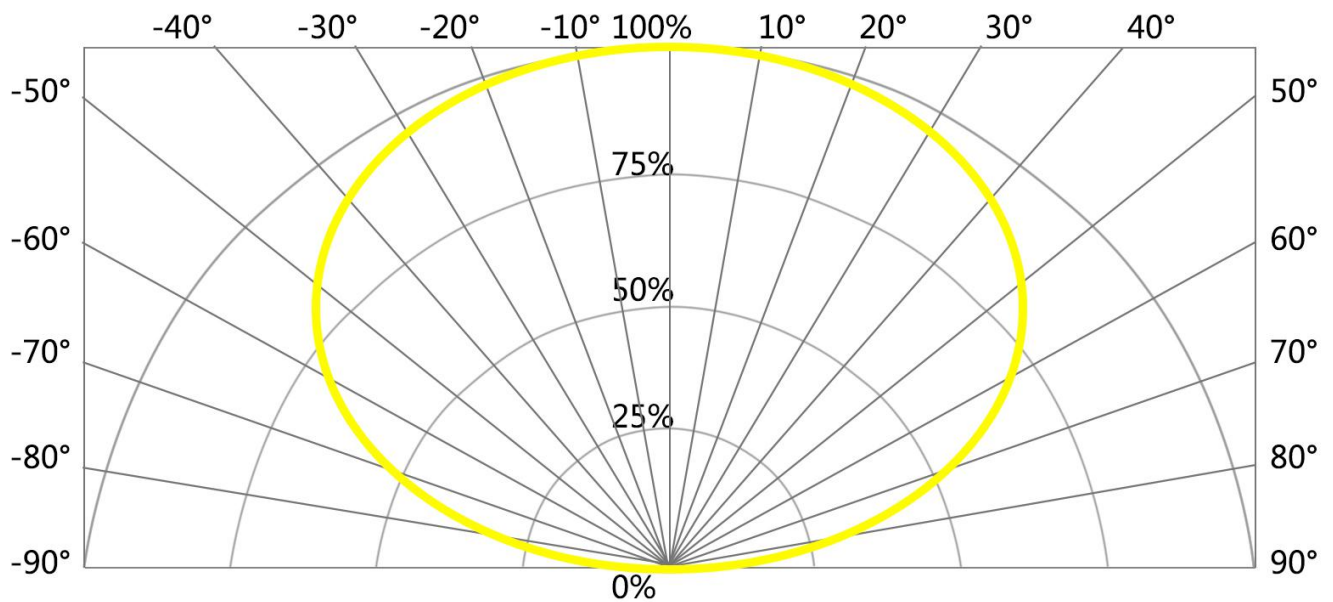
IF=300mA



7. Viewing Angle Curves

Radiation Characteristic

IF=300mA



8.Cautions

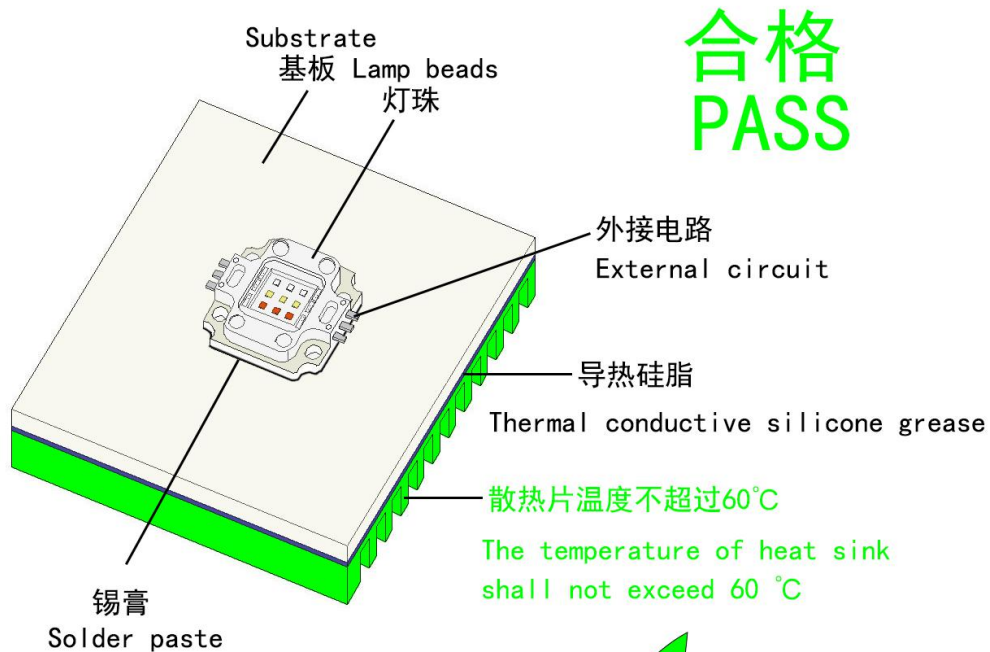
1. Electrostatic Treatment

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

