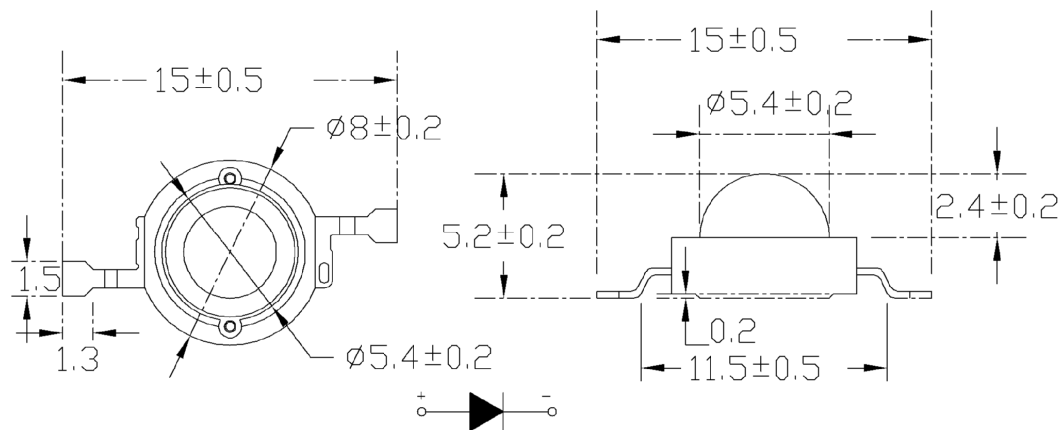


● Light source spec:



Chip brand	USA Bridgelux 45mil
Chip quantity	1PCS
Circuit structure	1pcs
Gold thread spec	Φ 1.2mil Au
Stents material	copper
Net weight	0.001g

● Package Dimensio



Dimension (mm)

1. All dimensions are in millimeters (inches)
2. Tolerance is $\pm 0.25\text{mm}$ (0.010") unless otherwise noted.
3. Specifications are subject to change without notice.

● **TA = 25°C (Electrical /Optical Characteristics at TA=25°C (电气/光学特性)**

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous flux	φ	180	190	200	Lm	IF =750mA
Viewing Angle	2θ1/2	120	130	140	deg	IF =750mA
Color temperature	TC	5500	6000	6500	K	IF =750mA
Forward Voltage	vF	3.6	3.8	4.0	v	IF =750mA
Reverse Current	IR	0		5	uA	IF =750mA

● **Absolute Maximum Ratings at TA=25°C**

Parameter	Maximum Rating
Power Dissipation	3W
Peak Forward Current(1/10 Duty Cycle, 0.1ms Pulse Width)	1000mA
Continuous Forward Current	750mA
Continuous working current	300 mA
Derating Linear From 30°C	0.07mA/°C
Reverse Voltage	5V
Operating Temperature Range	-20°C to +65°C
Storage Temperature Range	-30°C to + 80°C
Lead Soldering Temperature [1.6mm(.063") From Body]	260°C for 5 Seconds

● 电性特征曲线(Electrical characteristics curve)

Fig1.Relative spectrum power (相对光谱功率)

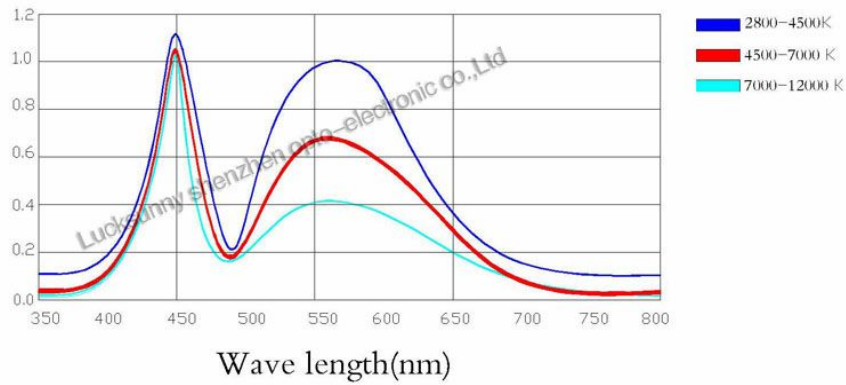


Fig2. Forward Current vs. Forward Voltage

电压与电流特性曲线

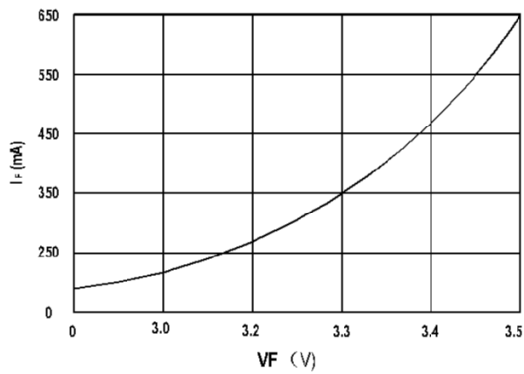


Fig.3Relative Luminous Intensity

相对光强与电流曲线 vs. Forward Current

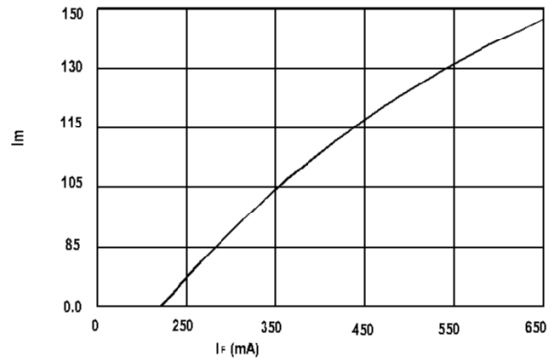


Fig.4 Output flux and junction temperature

输出光通量与结温

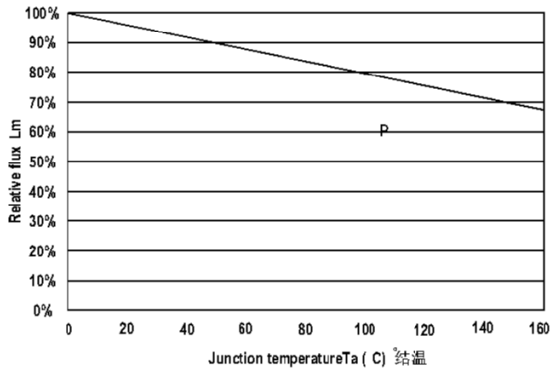


Fig.5 Shine Angle

发光视角

