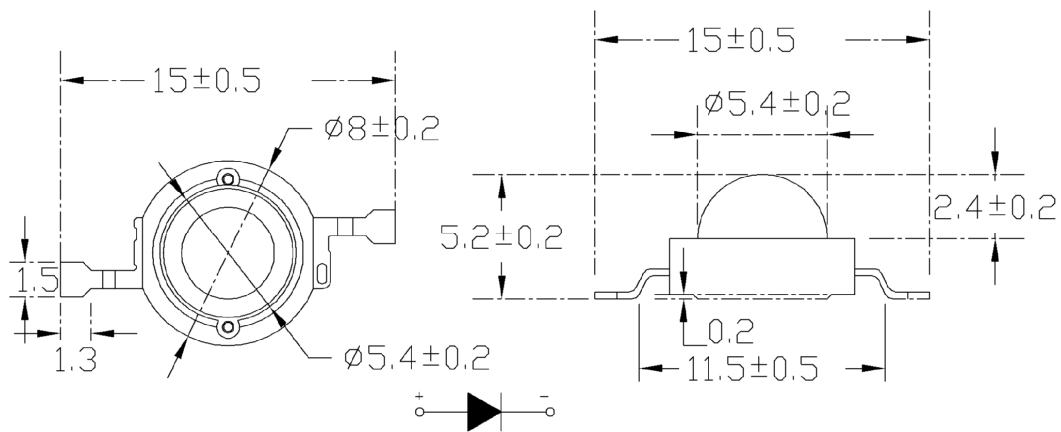


● (Light source spec):



Chip brand	Epistar35mil
Chip quantity	1PCS
Circuit structure	single Chip
Gold thread spec	Φ 1.2mil Au
Stents material	copper
Net weight	0.61g

● 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.

<http://www.szleds.com>

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**Luckysunny**

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● **TA = 25°C (Electrical /Optical Characteristics at TA=25°C**

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous flux	φ	100	105	110	Lm	IF =350mA
Viewing Angle	2θ1/2	120	130	140	deg	IF =350mA
Color temperature	TC	6000	6200	6500	K	IF =350mA
Forward Voltage	vF	3.2	3.4	3.6	v	IF =350mA
Reverse Current	IR	0		5	uA	IF =350mA

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

Parameter	Maximum Rating
Power Dissipation	1W
Peak Forward Current(1/10 Duty Cycle, 0.1ms Pulse Width)	1000mA
Continuous Forward Current	350mA
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

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●(Electrical characteristics curve)

Fig1.Relative spectrum power (相对光谱功率)

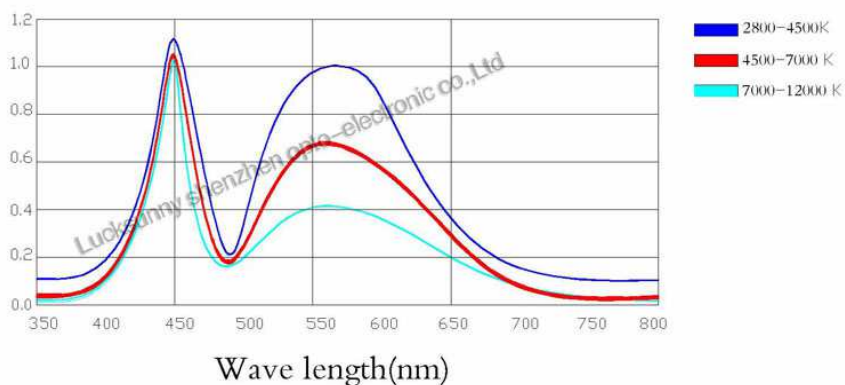


Fig2. Forward Current vs. Forward Voltage

电压与电流特性曲线

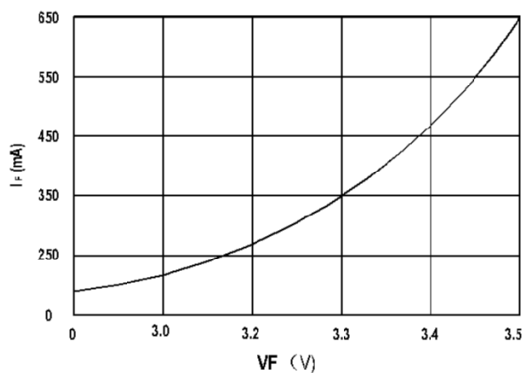


Fig.3Relative Luminous Intensity

相对光强与电流曲线 vs. Forward Current

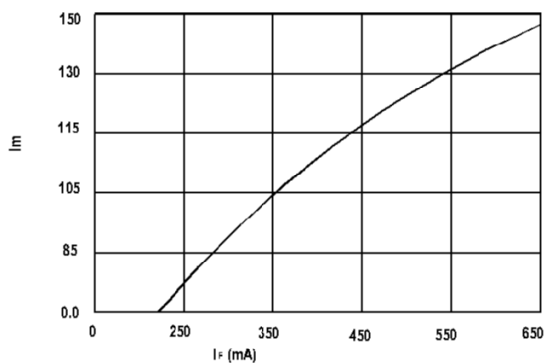


Fig.4 Output flux and junction temperature

输出光通量与结温

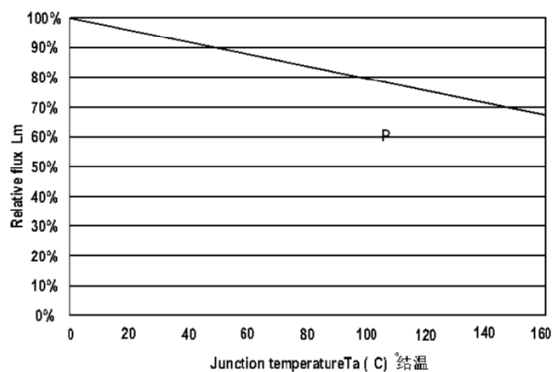


Fig.5 Shine Angle

发光视角

