



Part No. :)J57-8K*

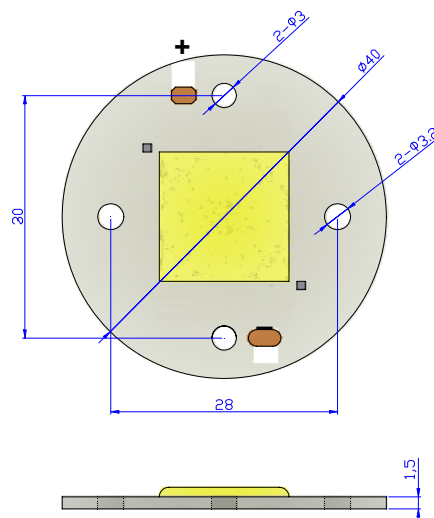
Features:

- Highest Flux White
- High reliability and Very long operating life
- Low voltage DC operated
- More Energy Efficient
- NO UV
- Superior ESD protection
- RoHS Compliant

Typical Applications:

- Reading lights
- Portable
- Automotive Exterior
- Decorative

Package Outlines:

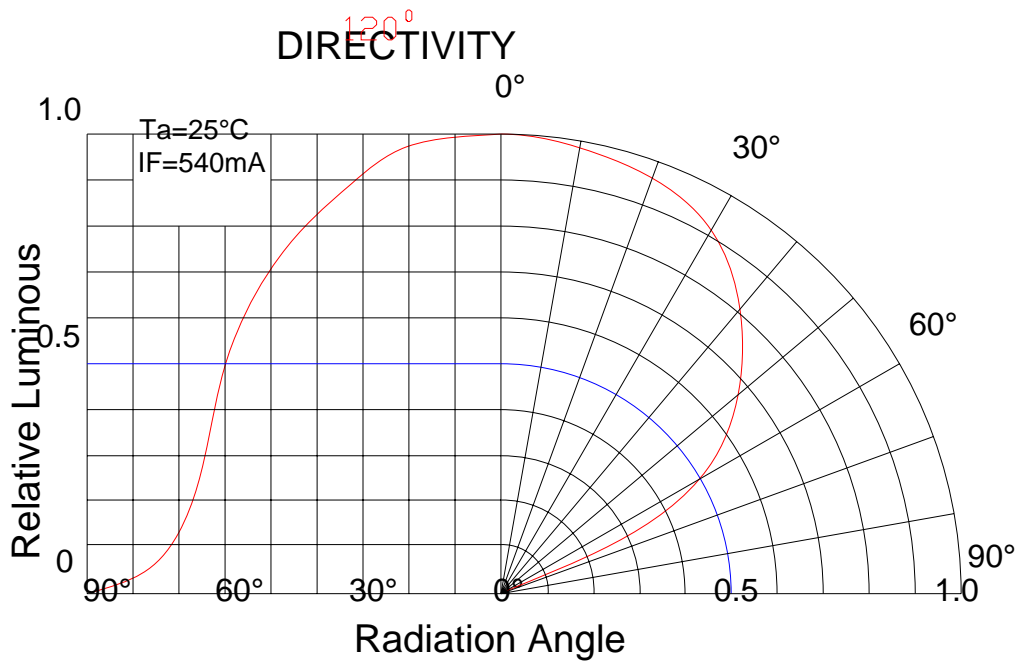


- All dimensions are millimeter.
- Tolerance is $\pm 0.25\text{mm}$ unless noted

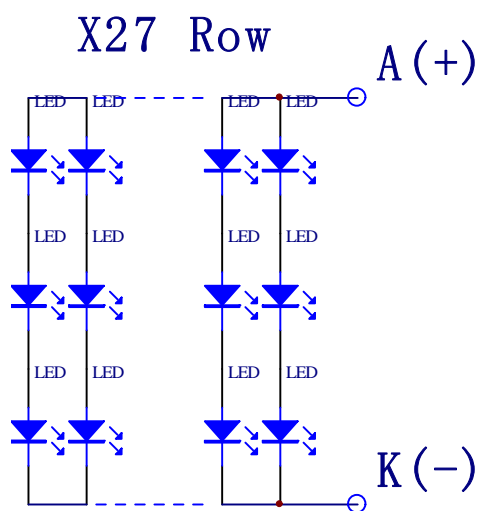


Part No. : 5VAC9DW6

Typical Radiation Pattern



Circuit Diagram:



**Part No.:** 5VAC9DW6**Absolute maximum ratings (Ta = 25°C)**

Parameter	Symbol	Test Condition	Value		Unit
			Min.	Max.	
DC Forward Current	IF	----	----	700	mA
Peak Pulse Current	Ipeak	Duty=0.1mS, 1kHz	----	1000	mA
Power Dissipation	Pd	----	----	6.5	W
LED Junction Temperature	Tj	----	----	120	°C
Operating Temperature	Topr	----	-25	+80	°C
Storage Temperature	Tstr	----	-40	+100	°C
ESD Sensitivity	----	HBM	8000	----	V
Soldering Temperature	----	----	180°C for 5 Seconds max		

Electrical and optical characteristics (Ta = 25°C)

Parameter	Symbol	Test Condition	Value			Unit
			Min.	Typ.	Max.	
Forward Voltage	VF	IF = 540mA	9.0	9.2	10.0	V
Luminous Flux	Φv		----	410	----	lm
Viewing Angle	2θ 1/2		----	120	----	Deg.
Color Temperature	CCT		5000	-----	8000	K

Luminous Flux Bins (Ta = 25°C) Unit: lm

Bin	W	X	Y	Z
Min	320	360	400	450
Max	360	400	450	500

CCT Bins (Ta = 25°C) Unit: K

Bin	W6	W7	W8	W9
Min	5000	5600	6300	7000
Max	5600	6300	7000	8000

Note

1. Flux is measured with an accuracy of ±15%
2. CCT is measured with an accuracy of ± 100K
3. Forward Voltage is measured with an accuracy of ± 0.2V
4. It is strongly recommended that the temperature of lead be not higher than 55°C



Typical electrical/optical characteristic curves TJ=25°C

White

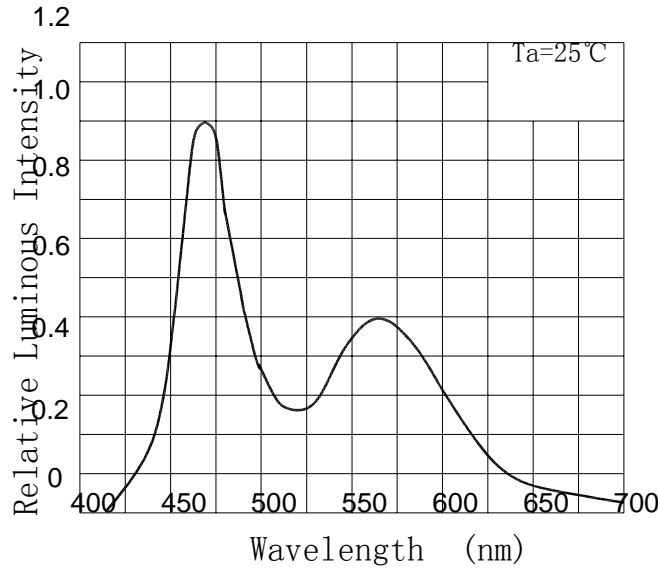


Fig.1 正向电流 Vs. 正向电压

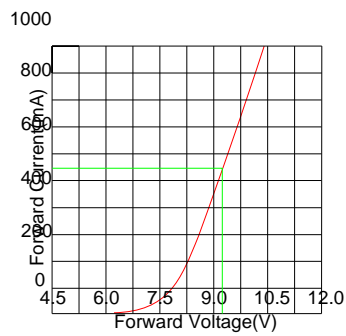


Fig.2 相对亮度 Vs. 正向电流

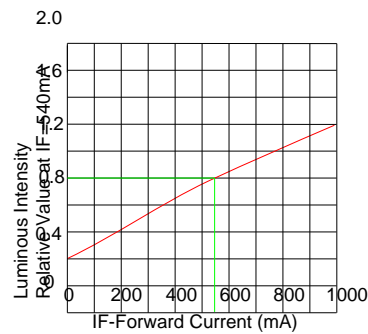


Fig.3 正向电流 Vs. 环境温度

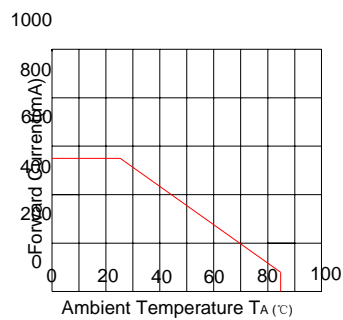


Fig.4 相对亮度 Vs. 环境温度

