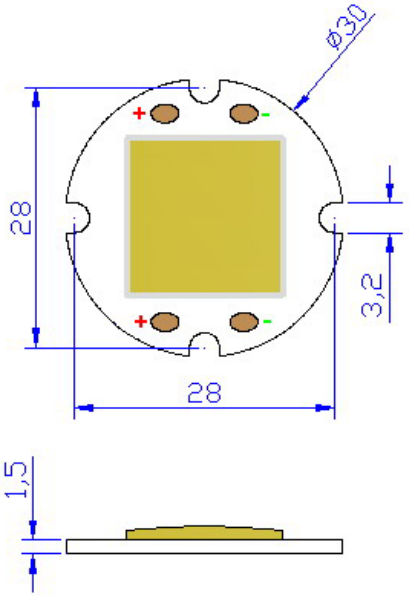
SPECIFICATION

Part No.：3VAC9CW6

Features：

- High radiometric power per LED
- Very long operating life (up to 100K hours)
- Low voltage DC operated
- More Energy Efficient than Incandescent and most Halogen lamps
- Good color uniformity
- NO UV
- Superior ESD protection
- Easy installation with Screws
- High Heat dissipstion Efficiency



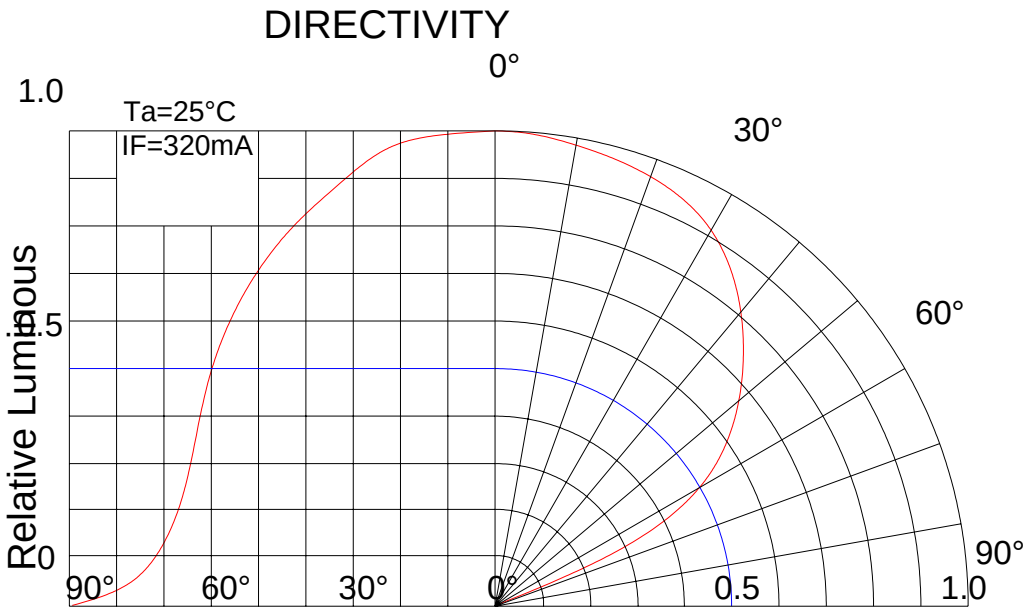
NOTE:

- **All dimensions are millimeter.**
- **Tolerance is ±0.1mm unless otherwise noted.**
- **It is strongly recommended that the temperature of lead be not higher than 60℃.**
- **The appearance and specifications of the product may be modified for improvement without notice.**

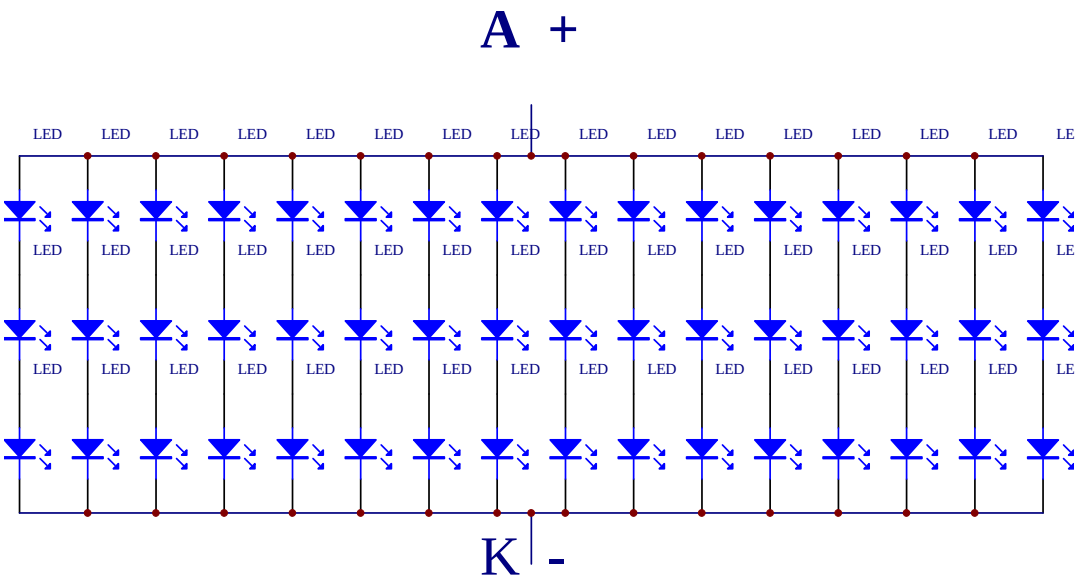
Typical Applications：

- Reading lights(car,bus,aircraft)
- Portable(flashlight,bicycle)
- Automotive Exterior(Stop-Tail-Turn, CHMSL,Mirror Side Repeat)
- Decorative/Entertainment
- Dental curing lights
- Uplighters/Downlighters
- Bollards/Security/Garden
- Cove/Undershelf/Task
- Indoor/Outdoor Commercial and Residential Architectural
- Automotive Ext(stop-Tail-Turn)
- Street Lamp

Part No. 3VAC9CW6



Circuit Diagram:



Part No. 3VAC9CW6

Absolute maximum ratings（Ta = 25℃）

Parameter	Symbol	Test Condition	Value		Unit
			Min.	Max.	
DC Forward Current	IF	----	----	400	mA
Peak Pulse Current	Ipeak	Duty=0.1mS，1kHz	----	800	mA
Power Dissipation	Pd	----	----	3.5	W
LED Junction Temperature	Tj	----	----	120	℃
Operating Temperature	Topr	----	-25	+80	℃
Storage Temperature	Tstr	----	-40	+100	℃
ESD Sensitivity	----	HBM	8000	----	V
Soldering Temperature	----	----	220℃ for 5 Seconds max		

Electrical and optical characteristics （Ta = 25℃）

Parameter	Symbol	Test Condition	Value			Unit
			Min.	Typ.	Max.	
Forward Voltage	VF	IF = 320mA	9.0	9.2	10	V
Luminous Flux	Φv		----	200	----	lm
Viewing Angle	2θ1/2		----	120	----	Deg.
Color Temperature	CCT		5000	----	8000	K

Luminous Flux Bins（Ta = 25℃） Unit: lm

Bin	R	S	T	U
Min	160	180	200	240
Max	180	200	240	280

CCT Bins（Ta = 25℃） 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 ± 200K**
3. **Forward Voltage is measured with an accuracy of ± 0.15V**