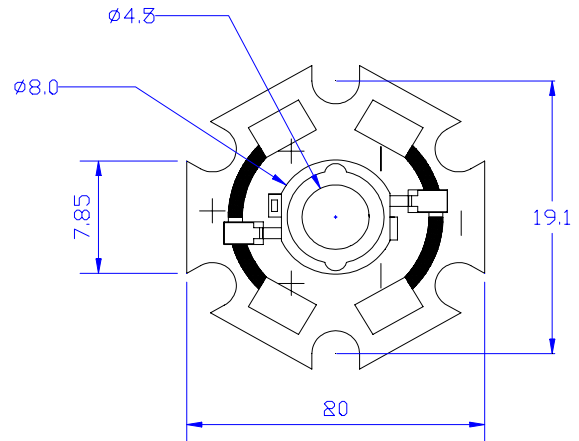


Features :

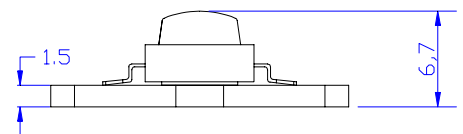
- Highest Flux
- High reliability and Very long operating life (up to 100K hrs)
- Low voltage DC operated
- More Energy Efficient than Incandescent and most Halogen lamps
- NO UV
- Superior ESD protection
- RoHS Compliant



Anode(+) CathODE(-)

Typical Applications :

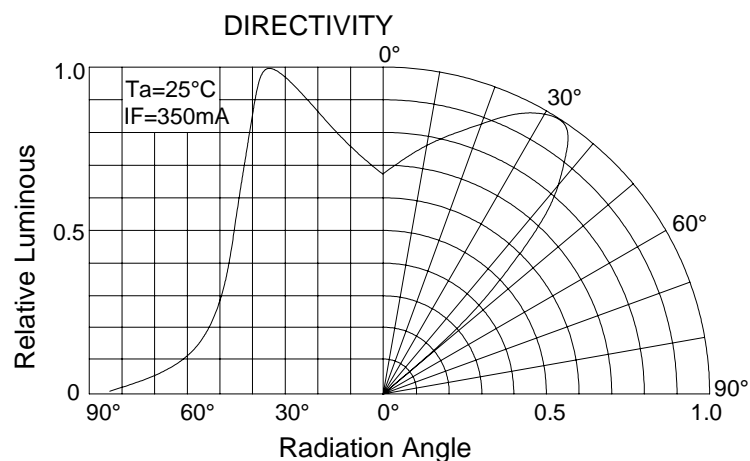
- Reading lights (car, bus, aircraft)
- Portable (flashlight, bicycle)
- Automotive Exterior (Stop-Tail-Turn, CHMSL, Mirror Side Repeat)
- Decorative

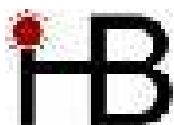


NOTE:

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

BATWING



**Absolute maximum ratings (Ta = 25)**

Parameter	Symbol	Test Condition	Value		Unit
			Min.	Max.	
DC Forward Current	IF	----	----	350	mA
Peak Pulse Current	Ipeak	Duty=0.1ms , 1kHz	----	500	mA
Power Dissipation	Pd	----	----	1.20	W
LED Junction Temperature	Tj	----		120	
Operating Temperature	Topr	----	-25	+100	
Storage Temperature	Tstr	----	-40	+120	
ESD Sensitivity	---	HBM	8000	---	V
Soldering Temperature	---	-----	260 for 5 Seconds max		

Electrical and optical characteristics (Ta = 25)

Parameter	Symbol	Test Condition	Value			Unit
			Min.	Typ.	Max.	
Forward Voltage	VF	IF = 350mA	----	2.6	3.5	V
Luminous Flux	v		30	40	----	lm
Viewing Angle	2 1/2		----	90	----	Deg.
Dominant Wavelength	d		620	----	630	nm

Luminous Flux Bins (Ta = 25) Unit:lm

Bin	G	H
Min	30	40
Max	40	50

Note

- 1 . Flux is measured with an accuracy of $\pm 15\%$
- 2 . CCT is measured with an accuracy of $\pm 200K$
- 3 . Dominant Wavelength is measured with an accuracy of $\pm 1.5nm$
- 4 . Forward Voltage is measured with an accuracy of $\pm 0.15V$