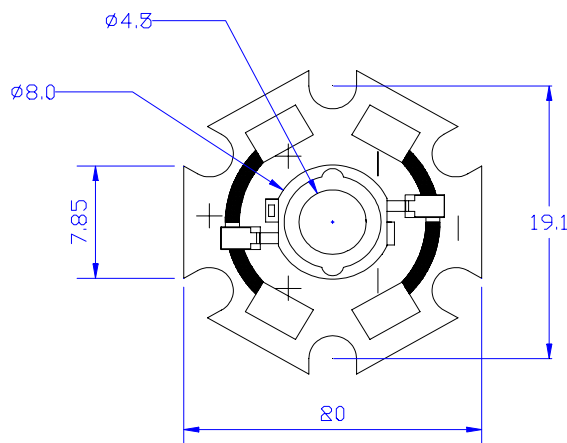


LED-040-40087

AMARILLO 35LM BATWING

Features :

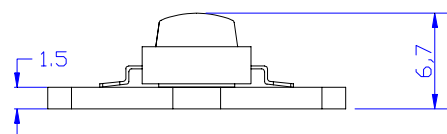
- Highest Flux
- High reliability and Very long operating life (up to 100K hrs)
- Low voltage DC operated
- More Energy Efficient than Incandescent and most Halogen lamps
- NO UV
- Superior ESD protection
- RoHS Compliant



Anode(+) CathODE(-)

Typical Applications :

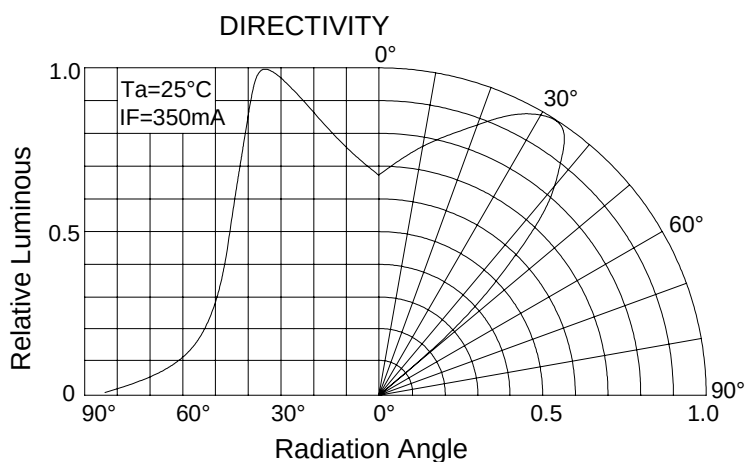
- Reading lights (car, bus, aircraft)
- Portable (flashlight, bicycle)
- Automotive Exterior (Stop-Tail-Turn, CHMSL, Mirror Side Repeat)
- Decorative



NOTE:

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

BATWING



LED-040-40087

AMARILLO 35LM BATWING

Absolute maximum ratings (Ta = 25°C)

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	°C
Operating Temperature	Topr	----	-25	+100	°C
Storage Temperature	Tstr	----	-40	+120	°C
ESD Sensitivity	---	HBM	8000	---	V
Soldering Temperature	---	----	260°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 = 350mA	----	2.6	3.5	V
Luminous Flux	Φv		30	40	----	lm
Viewing Angle	2 θ 1/2		----	90	----	Deg.
Dominant Wavelength	λ d		585	----	595	nm

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

Bin	G	H
Min	30	40
Max	40	50

Note

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