SYC SEMICONDUCTORES Y COMPONENTES

LED SPECIFICATION

Part No./型号：LED-040-25086

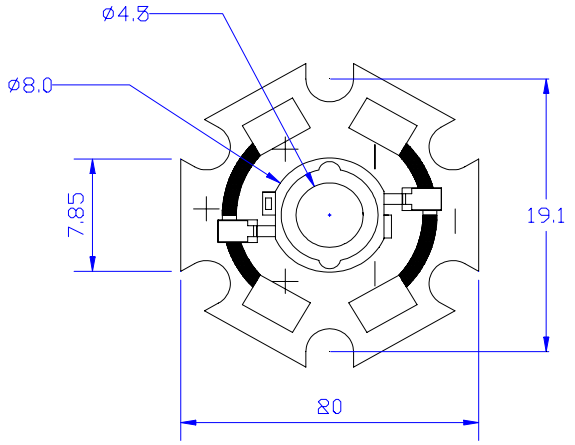
ROJO SUPER 35LM BATWING

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

Typical Applications：

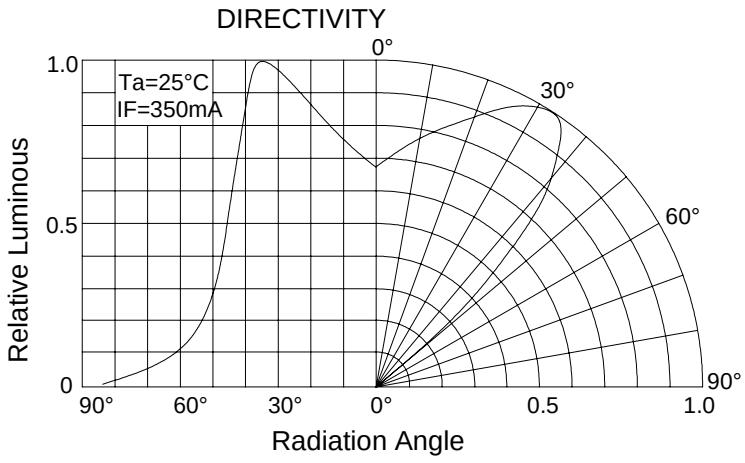
- Reading lights (car, bus, aircraft)
- Portable (flashlight, bicycle)
- Automotive Exterior (Stop-Tail-Turn, CHMSL, Mirror Side Repeat)
- Decorative



NOTE:

- All dimensions are millimeters.
- Tolerance is ±0.25mm unless noted

BATWING



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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	Φv		30	40	----	lm
Viewing Angle	2θ1/2		----	90	----	Deg.
Dominant Wavelength	λd		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 ±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**