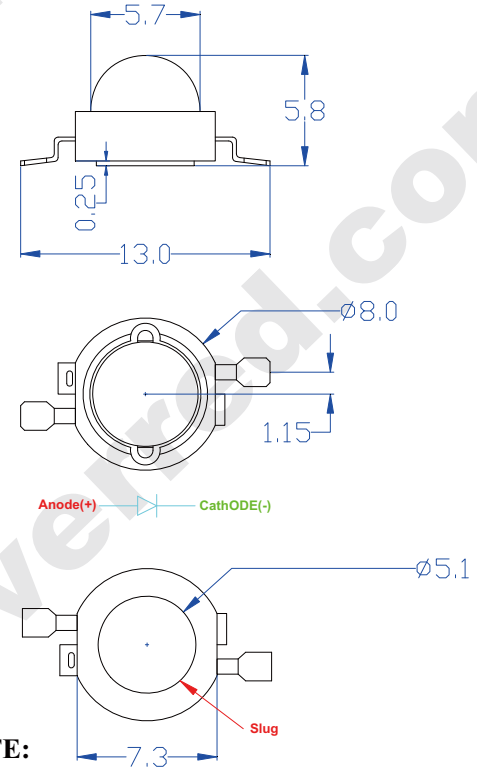
Part No.: ER120C

Features:

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

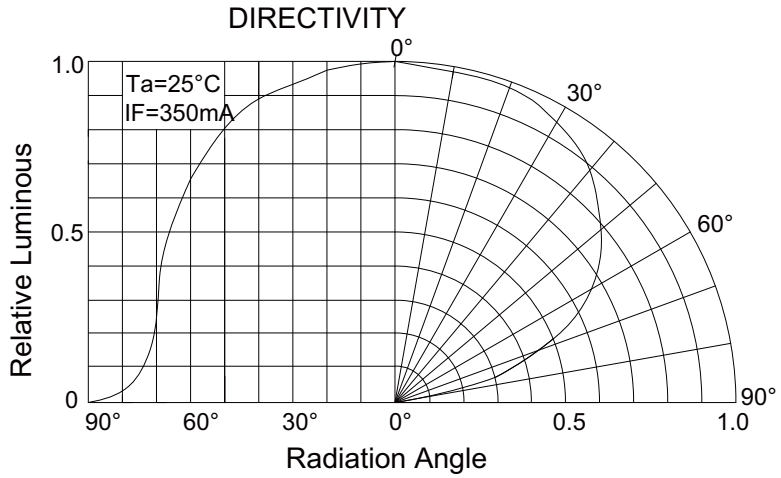
Typical Applications:

- Reading lights
- Portable
- Automotive Exterior
- Decorative



NOTE:

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



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No 438 Tianyaoqiao Road, 200030
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Everred 愉進 BETA

Part No.: ER120C

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	----	----	1.2	W
LED Junction Temperature	Tj	----		120	℃
Operating Temperature	Topr	----	-25	+100	℃
Storage Temperature	Tstr	----	-40	+120	℃
ESD Sensitivity	---	HBM	8000	---	V

Electrical and optical characteristics （Ta = 25℃）

Parameter	Symbol	Test Condition	Value			Unit
			Min.	Typ.	Max.	
Forward Voltage	VF	IF = 350mA	2.2	2.6	3.5	V
Luminous Flux	Φv		30	40	----	lm
Viewing Angle	2θ1/2		----	140	----	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. **Forward Voltage is measured with an accuracy of ± 0.15V**

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