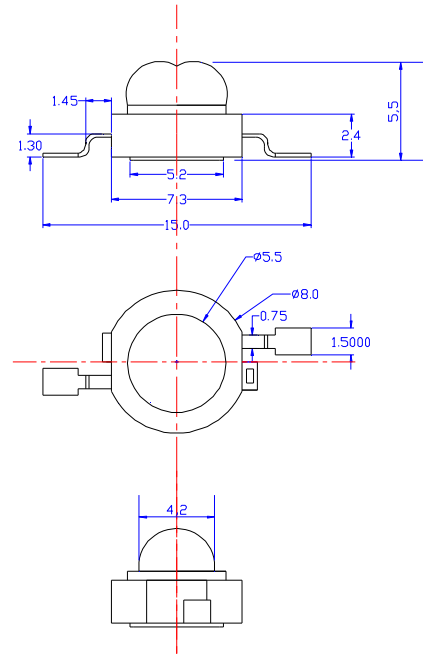


**Features:**

- I Special LED to street lamp
- I High reliability and Very long operating life  
(up to 100K hours)
- I Can be though the reflow operation
- I More Energy Efficient than Incandescent  
and most Halogen lamps
- I NO UV
- I Superior ESD protection

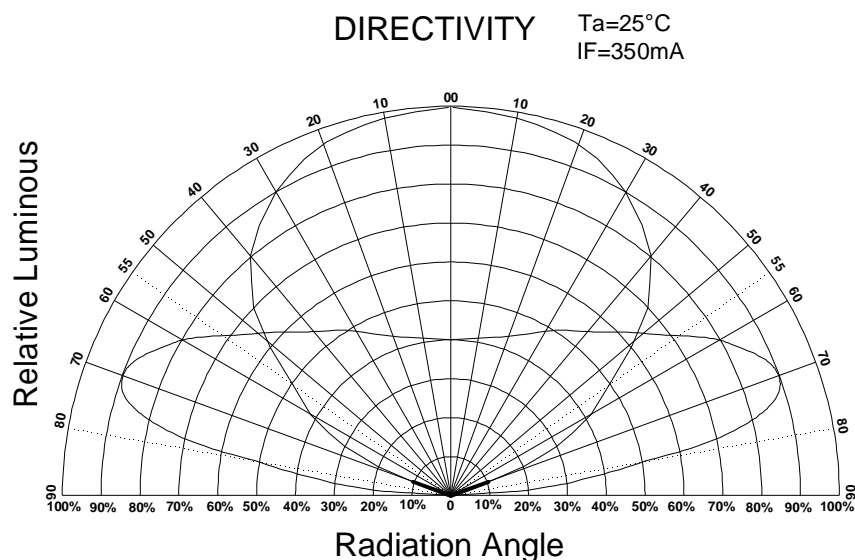
**Typical Applications:**

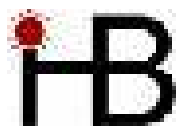
- I General illumination
- I Street lighting
- I Lighting for automotive, machine vision etc.



**NOTE:**

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



**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	----	----	1.4	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	----	3.5	4.0	V
Luminous Flux	Φv		50	65	----	lm
Viewing Angle	2 θ 1/2-X		----	100	----	Deg.
Viewing Angle	2 θ 1/2-Y		----	160	----	Deg.
Color Temperature	CCT		3000	----	3600	K
Chromaticity Coordinates	X,Y		----			----

**Luminous Flux Bins (Ta = 25℃) Unit: lm**

Bin	J	K	L
Min	50	60	70
Max	60	70	80

**CCT Bins (Ta = 25℃)**

Bin	W0	W1L	W1H
Min	----	3000K	3300K
Max	3000K	3300K	3600K

**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