

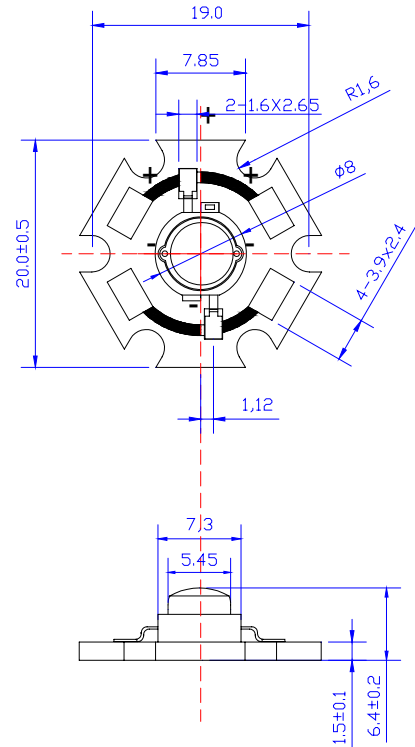


#### Features :

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

#### Typical Applications :

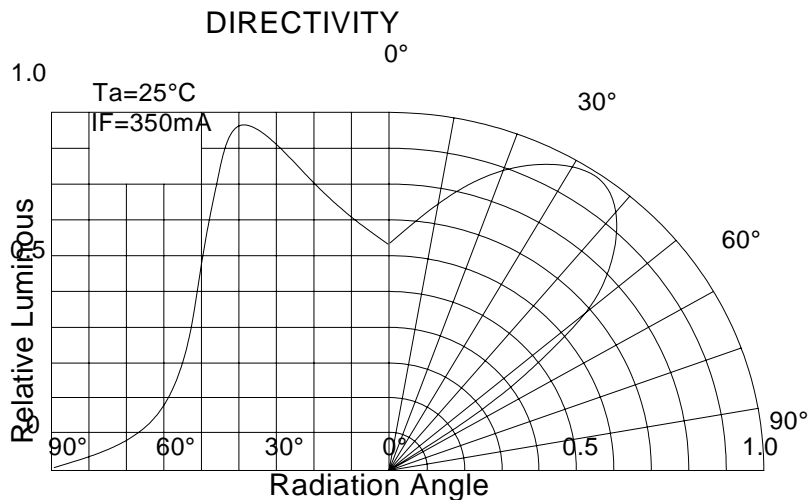
- Reading lights(car,bus,aircraft)
- Portable(flashlight,bicycle)
- Automotive Exterior(Stop-Tail-Turn, CHMSL,Mirror Side Repeat)
- Decorative



#### NOTE:

- All dimensions are millimetres.
- Tolerance is  $\pm 0.1$ mm unless otherwise noted

Unit: mm



**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	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	3.0	3.5	4.0	V
Luminous Flux	v		60	----	----	lm
Viewing Angle	2 1/2		----	90	----	Deg.
Dominant Wavelength	d		500	----	530	nm

**Luminous Flux Bins ( Ta = 25 )**

**Unit:lm**

Bin	K	L
Min	60	70
Max	70	80

**Dominant Wavelength- d ( Ta = 25 )**

**Unit: nm**

Bin	B	P
Min	500	515
Max	515	530