

型名 : CT-1LARC

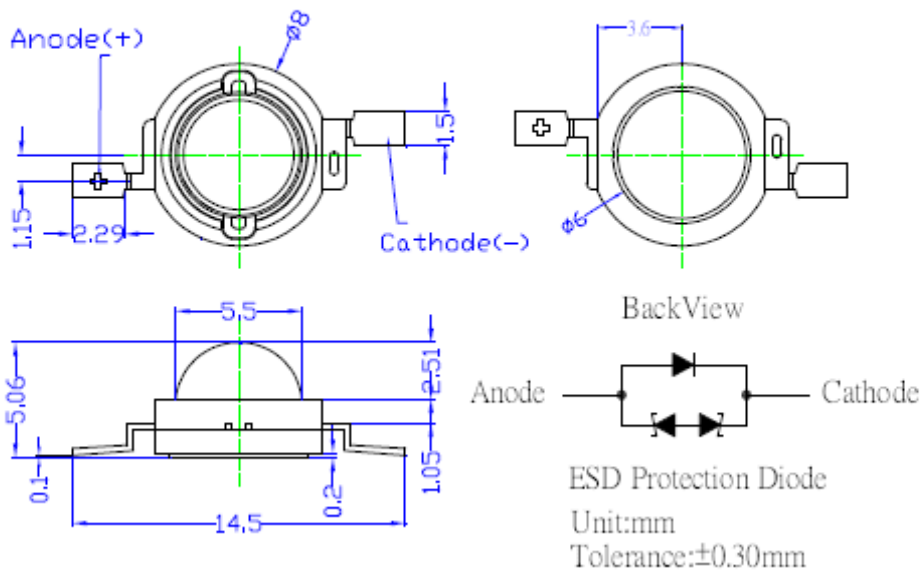
■Features

- Highest Luminous Flux
- Super Energy Efficiency
- Long Lifetime Operation
- Superior ESD protection

■Applications

- Green House Applications

■Outline Dimension



■ Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I _F	500	mA
Pulse Forward Current*	I _{FP}	700	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	1500	mW
Operating Temperature	Topr	-30 - +85	°C
Storage Temperature	Tstg	-40 - +100	°C
Lead Soldering Temperature	Tsol	260°C/5sec	-

*Pulse width Max.10ms, Duty ratio max 1/10

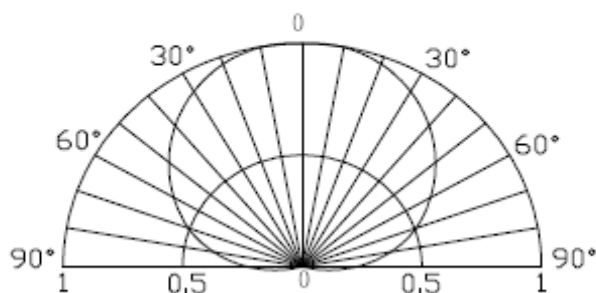
■ Electrical -Optical Characteristics

(Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V _F	I _F =350mA	2.0	2.5	3.0	V
DC Reverse Current	I _R	V _R =5V	-	-	10	μA
Peak Wavelength	λ _D	I _F =350mA	650	660	670	nm
Radiant Power	P _o	I _F =350mA	-	150	-	mW
50% Power Angle	2θ _{1/2}	I _F =350mA	-	140	-	deg

Note: Don't drive at rated current more than 5s without heat sink for Xeon 1 emitter series.

■ Directivity



■ Forward Operating Current (DC)

