

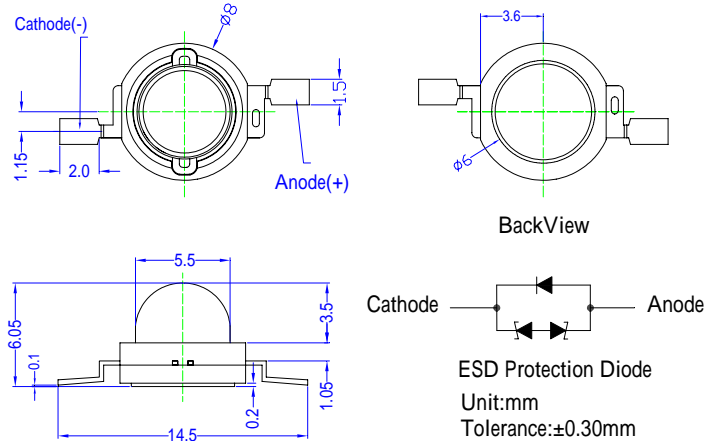
### ■Features

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

### ■Applications

- Money Detector
- UV-Curing
- Sensor light
- Photo-catalyst
- Other Lighting

### ■Outline Dimension



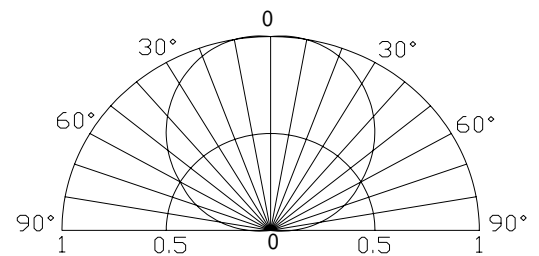
### ■Absolute Maximum Rating

(Ta=25 °C)

Item	Symbol	Value	Unit
DC Forward Current	$I_F$	400	mA
Pulse Forward Current*	$I_{FP}$	500	mA
Reverse Voltage	$V_R$	5	V
Power Dissipation	$P_D$	1600	mW
Operating Temperature	$T_{opr}$	-30 ~ +85	
Storage Temperature	$T_{stg}$	-40 ~ +100	
Lead Soldering Temperature	$T_{sol}$	260 /5sec	-

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

### ■Directivity



### ■Electrical -Optical Characteristics

(Ta=25 °C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	$V_F$	$I_F=350mA$	3.0	3.3	4.0	V
DC Reverse Current	$I_R$	$V_R=5V$	-	-	10	$\mu A$
Peak Wavelength	$\lambda_p$	$I_F=350mA$	400	405	410	nm
Radiant Power	$P_o$	$I_F=350mA$	200	250	-	mW
50% Power Angle	$2\theta_{1/2}$	$I_F=350mA$	-	120	-	deg

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

### ■Forward Operating Current (DC)

