

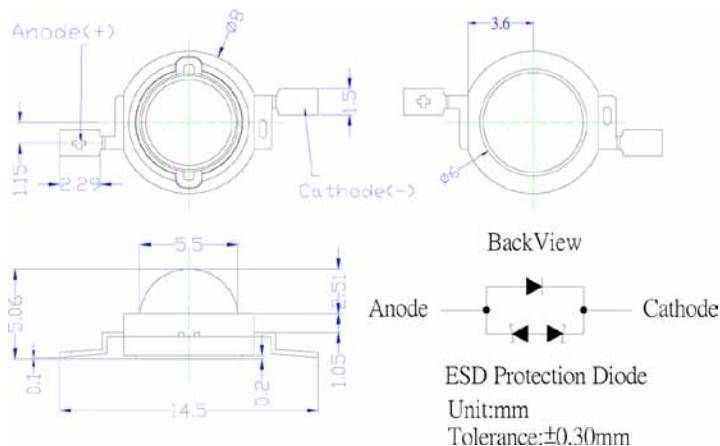
## OS-3W White (200Lm, 6000K)

### Features:

1. Highest Luminous Flux
2. Super Energy Efficiency
3. Long Lifetime Operation
4. Superior ESD protection
5. Superior UV Resistance

### Applications:

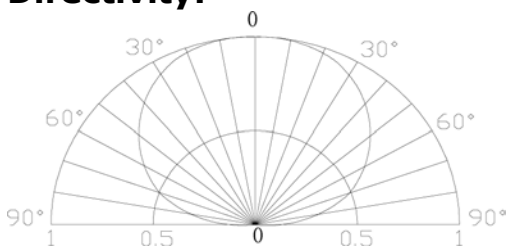
1. Read lights (car, bus, aircraft)
2. Portable (flashlight, bicycle)
3. Bollards / Security / Garden
4. Traffic signaling / Beacons
5. Indoor / Outdoor Commercial lights
6. Automotive Ext



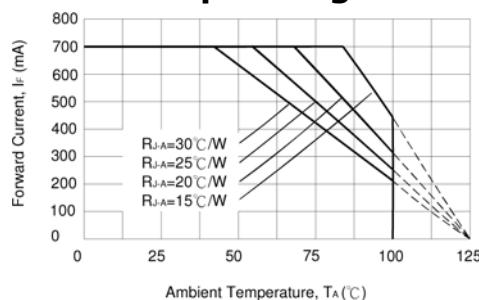
### Caution:

- Avoid Reflow Soldering Process

### Directivity:



### Forward Operating Current (DC):



### Absolute Maximum Ratings (Ta=25°C):

Parameter	Symbol	Value	Unit
DC Forward Current	$I_F$	800	mA
Pulse Forward Current*	$I_{FP}$	1000	mA
Reverse Voltage	$V_R$	5	V
Power Dissipation	$P_D$	3200	mW
Operating Temperature	$T_{opr}$	-30 ~ +85	°C
Storage Temperature	$T_{stg}$	-40 ~ +100	°C
Lead Soldering Temperature	$T_{sol}$	260°C/5sec	°C

\*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	$V_F$	$I_F=350mA$	3.0	3.3	4.0	V
		$I_F=700mA$	3.5	3.8	4.5	V
DC Reverse Current	$I_R$	$V_R=5V$	-	-	10	μA
Luminous Flux	$\Phi_V$	$I_F=700mA$	180	200	-	lm
Color Temperature	CCT	$I_F=700mA$	-	6500	-	K
Chromaticity Coordinates*	x	$I_F=700mA$	-	0.31	-	-
	y	$I_F=700mA$	-	0.33	-	-
50% Power Angle	$2\theta_{1/2}$	$I_F=700mA$	-	140	-	deg

**Note:** Don't drive at rated current more than 5s without heat sink for Xeon 3 emitter series.