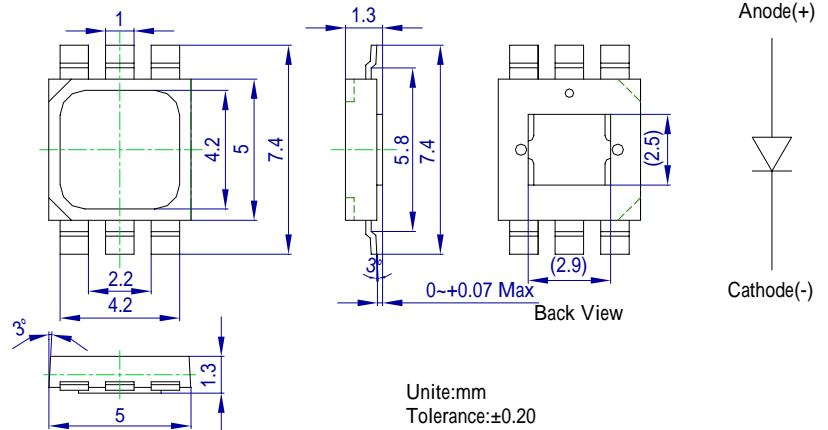


**■Features**

- Highest luminous flux
- Super energy efficiency
- Very long operating life (up to 100K hours)
- Superior ESD protection
- No UV

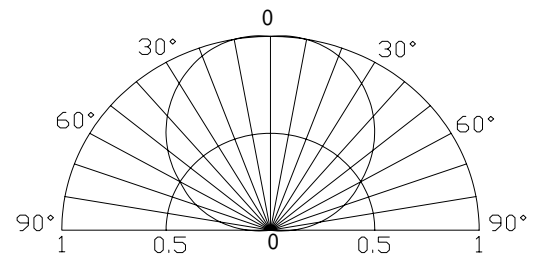
**■Applications**

- Read lights (car, bus, aircraft)
- Portable (flashlight, bicycle)
- Bollards / Security / Garden
- Traffic signaling / Beacons
- In door / Out door Commercial lights
- Automotive Ext

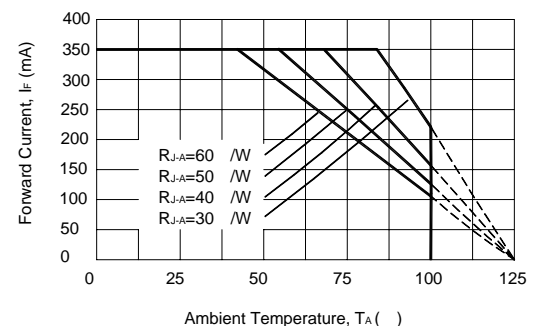
**■Outline Dimension**

**■Absolute Maximum Rating**
**(Ta=25 )**

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 )**

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	$\mu A$
Luminous Flux	$\nu$	$I_F=350mA$	-	70	100	lm
Color Temperature	CCT	$I_F=350mA$	-	6500	-	K
Chromaticity Coordinate*	x	$I_F=350mA$	-	0.31	-	
	y	$I_F=350mA$	-	0.33	-	
50% Power Angle	$2\theta_{1/2}$	$I_F=350mA$	-	120	-	deg

**Forward Operating Current (DC)**


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