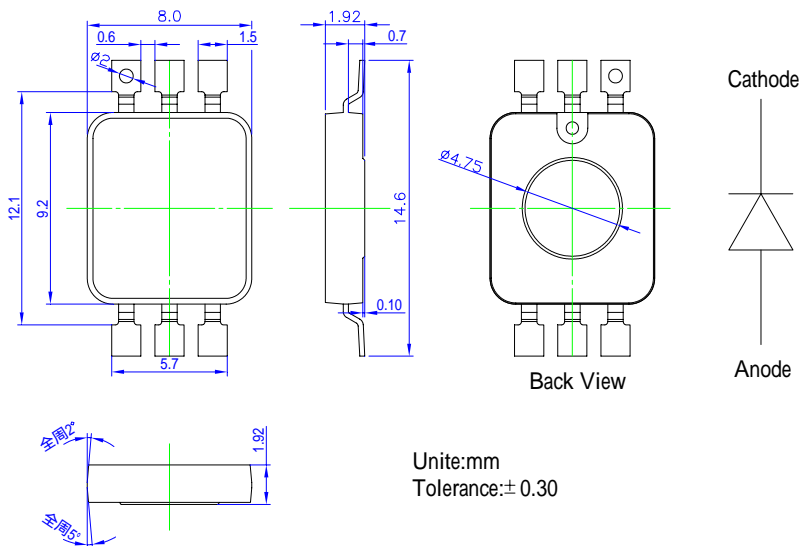


**■Features**

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

**■Applications**

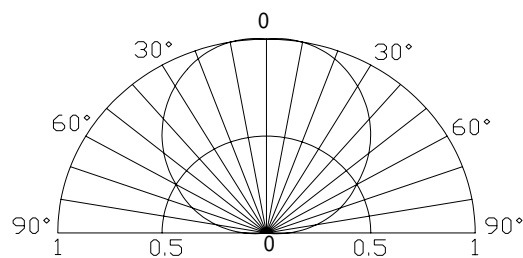
- Read lights (car, bus, aircraft)
- Portable (flashlight, bicycle)
- Bollards / Security / Garden
- Traffic signaling / Beacons
- In door / Out door Commercial lights
- Automotive Ext

**■Outline Dimension**

**■Absolute Maximum Rating**

(Ta=25 )

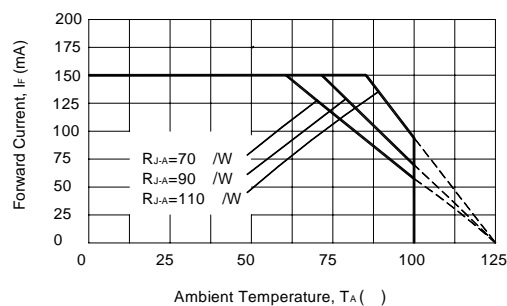
Item	Symbol	Value	Unit
DC Forward Current	$I_F$	200	mA
Pulse Forward Current*	$I_{FP}$	250	mA
Reverse Voltage	$V_R$	5	V
Power Dissipation	$P_D$	800	mW
Operating Temperature	Topr	-30 ~ +85	
Storage Temperature	Tstg	-40 ~ +100	
Lead Soldering Temperature	Tsol	260 /5sec	-

\*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	$V_F$	$I_F=150\text{mA}$	3.0	3.3	4.0	V
DC Reverse Current	$I_R$	$V_R=5\text{V}$	-	-	10	$\mu\text{A}$
Domi. Wavelength	$\lambda_D$	$I_F=150\text{mA}$	465	470	475	nm
Luminous Flux	$\nu$	$I_F=150\text{mA}$	-	6	10	lm
50% Power Angle	$2\theta_{1/2}$	$I_F=150\text{mA}$	-	120	-	deg

**Forward Operating Current (DC)**


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