

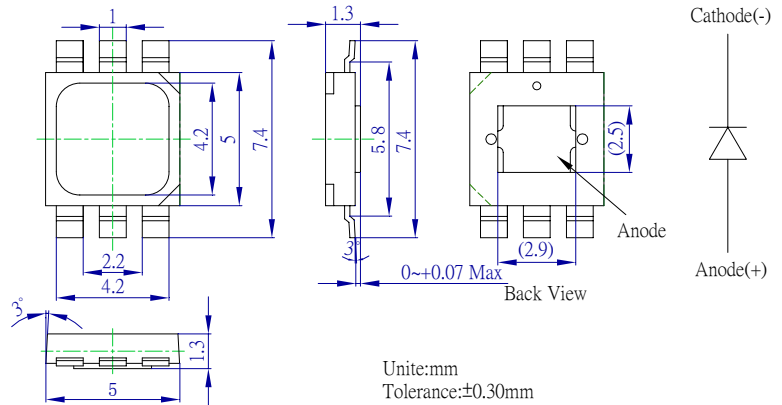
### ■Features

- Highest Luminous Flux
- Super energy efficiency
- Long Lifetime Operation
- Superior ESD protection
- Superior UV Resistance

### ■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°C)

Item	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	$P_D$	2400	mW
Operating Temperature	$T_{opr}$	-30 ~ +85	°C
Storage Temperature	$T_{stg}$	-40 ~ +100	°C
Lead Soldering Temperature	$T_{sol}$	260°C/5sec	-

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

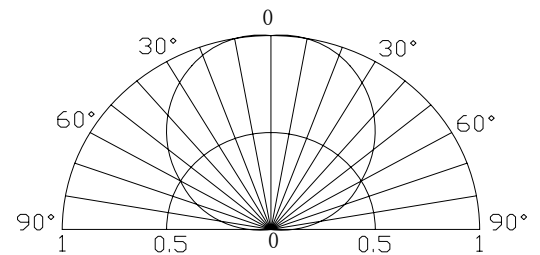
### ■Electrical -Optical Characteristics

(Ta=25°C)

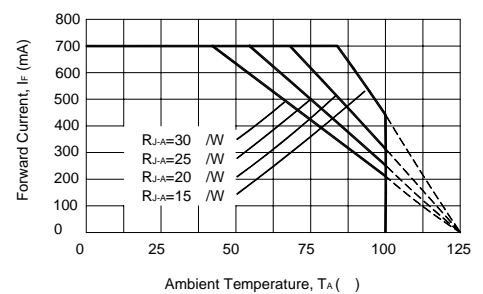
Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	$V_F$	$I_F=700mA$	2.0	2.5	3.0	V
DC Reverse Current	$I_R$	$V_R=5V$	-	-	10	μA
Domi. Wavelength	$\lambda_D$	$I_F=700mA$	620	625	630	nm
Luminous Flux	$\Phi_v$	$I_F=700mA$	70	80	-	lm
50% Power Angle	$2\theta_{1/2}$	$I_F=700mA$	-	120	-	deg

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

### ■Directivity



### ■Forward Operating Current (DC)



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [High Power LEDs - Multi-Colour category](#):*

*Click to view products by [Optosupply manufacturer](#):*

Other Similar products are found below :

[CLQ6A-TKW-S1L1R1H1QBB7935CC3](#) [CLQ6A-TKW-S1L1R1H1QBB7935AA3](#) [LL-HP60NUYC](#) [OSB4XME3E1E](#) [OSB5XZE1E1E](#)  
[OSG5XDE5E1E](#) [OSR5XAE1E1E](#) [OSR5XAE3E1E](#) [OSR5XME1E1E](#) [PC8N-10LTS-C](#) [PC8N-5LTS-C](#) [PK2N-3LAE-SD](#) [PK2N-3LRE-SD](#)  
[PM2B-3LGS-SD](#) [PQ2A-4FGE](#) [PQ2A-4FPE-YGFC](#) [PQ2A-4FWE-FC](#) [OSTCXBEAC1E](#) [PM2E-1LAE](#) [PM2E-1LAS](#) [PM2E-1LGS](#) [PM2E-1LRS](#)  
[PM2E-3LAE-SD](#) [PM2E-3LAS-SD](#) [PM2E-3LBS-SD](#) [PM2E-3LGS-SD](#) [PM2E-3LRE-SD](#) [PP6N-TFFE-D60](#) [PP6N-FFFE-D60](#) [PP6N-3LFE](#)  
[PP6N-1LFE-P](#) [PK2N-3LLE-L](#) [PBLA-10LTE](#) [PC8N-10LTE-VRGB](#) [OSB4XDE5E1E](#) [OSB4XME1E1E](#) [OSG5XME1E1E](#)  
[OSR5XAT1C1E](#) [OSR5XAT3C1E](#) [OSR5XDE5E1E](#) [OSR5XME3E1E](#) [OSY5XAE3E1E](#) [OSY5XAT3C1E](#) [OSY5XME3E1E](#) [PC8N-10LTE-C](#)  
[PC8N-5L4E-C](#) [PK2N-3LBE-SD](#) [PM2B-1LBE](#) [PM2B-1LPE-M](#) [PM2B-1LPS-M](#)