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# Ultra Hight Bright Surface Mounting Chip LED

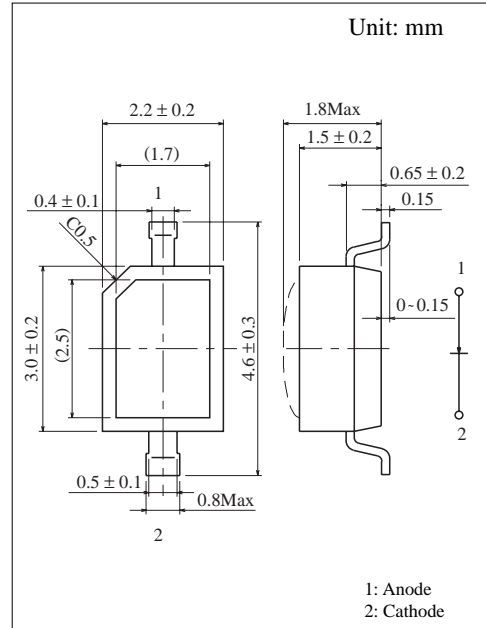
## InGaAlP GW Type

Conventional Part No. Global Part No. Lighting Color  
 LNJ461C34RA ..... LNJ461C34RA ..... Amber  
 LNJ861C38RA ..... LNJ861C38RA ..... Orange

### ■ Absolute Maximum Ratings (T<sub>a</sub> = 25°C)

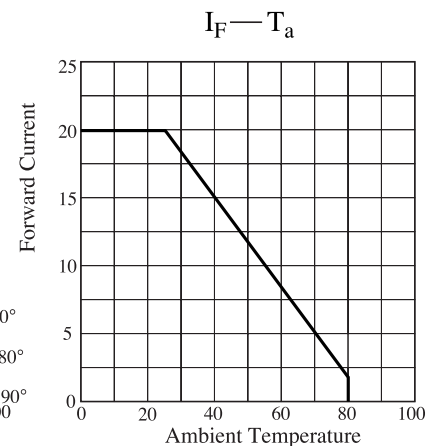
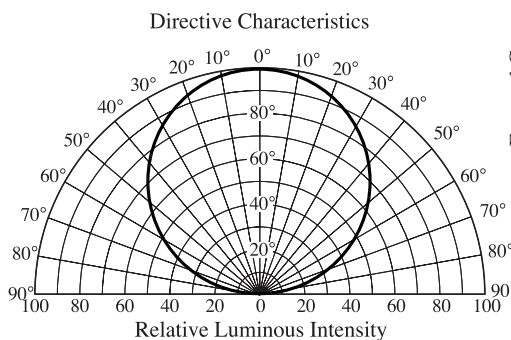
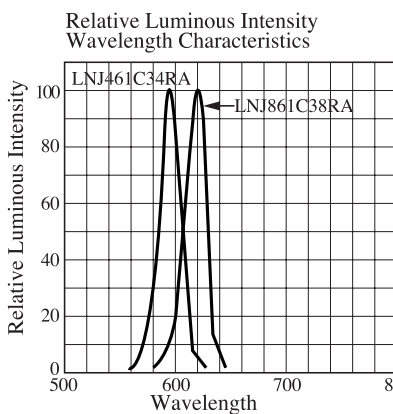
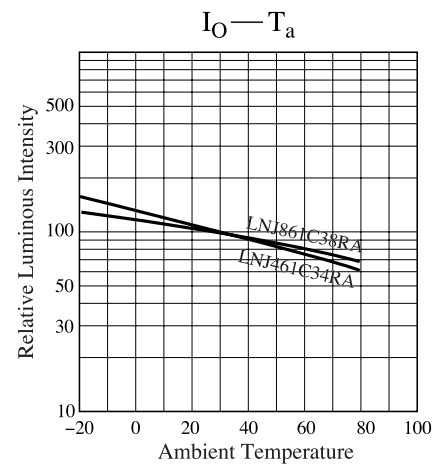
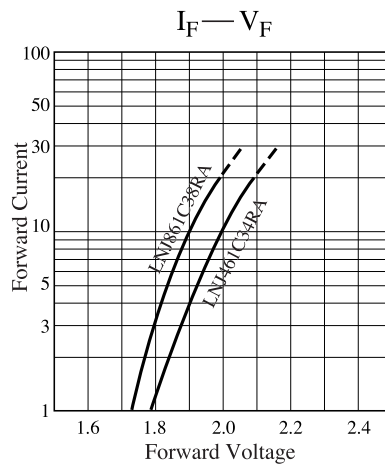
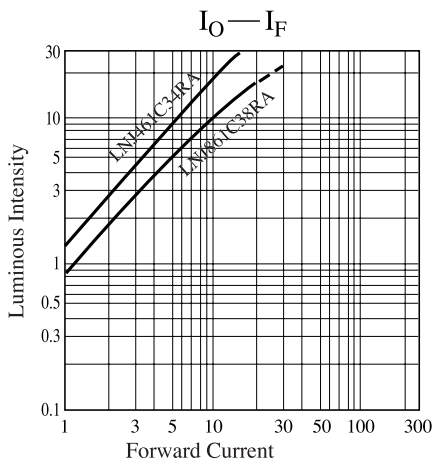
Lighting Color	P <sub>D</sub> (mW)	I <sub>F</sub> (mA)	I <sub>FP</sub> (mA)*	V <sub>R</sub> (V)	T <sub>opr</sub> (°C)	T <sub>stg</sub> (°C)
Amber	50	20	60	4	-25 ~ +80	-30 ~ +85
Orange	50	20	60	4	-25 ~ +80	-30 ~ +85

Pulse width 1 msec. The condition of I<sub>FP</sub> is duty 10%, Pulse width 1 msec



### ■ Electro-Optical Characteristics (T<sub>a</sub> = 25°C)

Conventional Part No.	Lighting Color	Lens Color	I <sub>O</sub>		I <sub>F</sub>	V <sub>F</sub>		λ <sub>P</sub>	Δλ	I <sub>F</sub>	I <sub>R</sub>	
			Typ	Min		Typ	Max				Max	V <sub>R</sub>
LNJ461C34RA	Amber	Clear	18.0	6.5	10	2.0	2.3	595	15	10	100	4
LNJ861C38RA	Orange	Clear	11.5	4.5	10	1.9	2.3	620	17	10	100	4
Unit	—	—	mcd	mcd	mA	V	V	nm	nm	mA	μA	V



# Caution for Safety

 **DANGER**

Gallium arsenide material (GaAs) is used in this product.

Therefore, do not burn, destroy, cut, crush, or chemically decompose the product, since gallium arsenide material in powder or vapor form is harmful to human health.

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