

Ultra High Bright Surface Mounting Chip LED

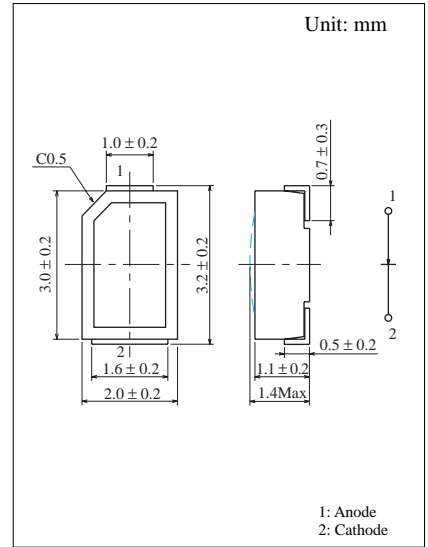
InGaAlP J Type

Conventional Part No. Global Part No. Lighting Color
 LNJ451C44RA LNJ451C44RA Amber
 LNJ851C48RA LNJ851C48RA Orange

■ Absolute Maximum Ratings (T_a = 25°C)

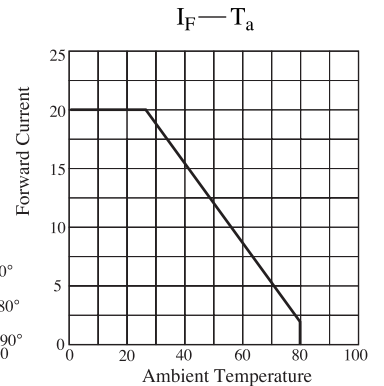
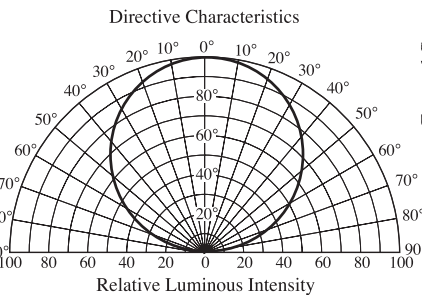
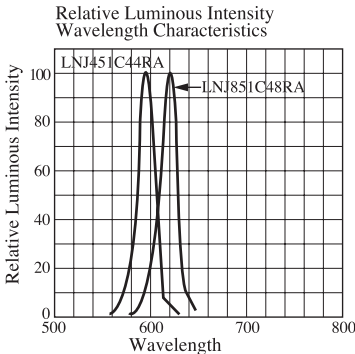
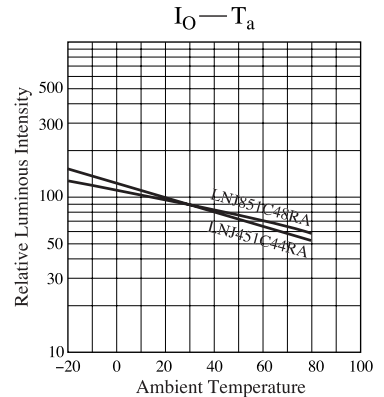
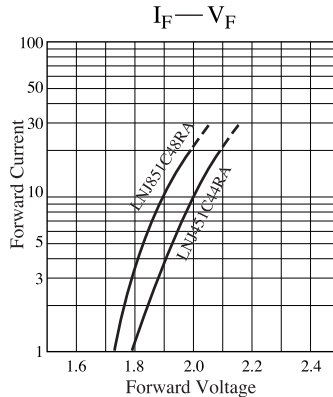
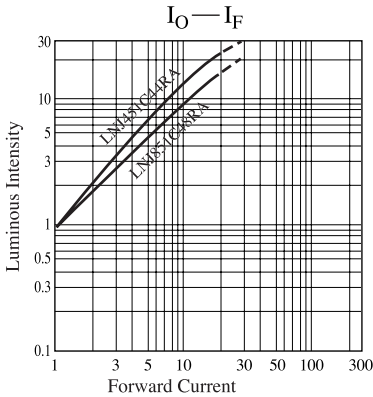
Lighting Color	P _D (mW)	I _F (mA)	I _{FP} (mA)*	V _R (V)	T _{opr} (°C)	T _{stg} (°C)
Amber	50	20	60	4	-25 ~ +80	-30 ~ +85
Orange	50	20	60	4	-25 ~ +80	-30 ~ +85

Pulse width 1 msec. The condition of I_{FP} is duty 10%, Pulse width 1 msec



■ Electro-Optical Characteristics (T_a = 25°C)

Conventional Part No.	Lighting Color	Lens Color	I _O			V _F		λ _p	Δλ	I _F	I _R	
			Typ	Min	I _F	Typ	Max				Max	V _R
LNJ451C44RA	Amber	Clear	14.5	5.5	10	2.0	2.3	595	15	10	100	4
LNJ851C48RA	Orange	Clear	9.0	3.5	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.

Observe the relevant laws and regulations when disposing of the products. Do not mix them with ordinary industrial waste or household refuse when disposing of GaAs-containing products.

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