Ultra Hight Bright Surface Mounting Chip LED

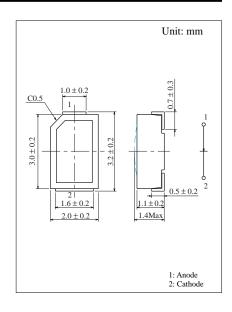
InGaAIP J Type

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

■ Adsolute Maximum Ratings $(T_a = 25^{\circ}C)$

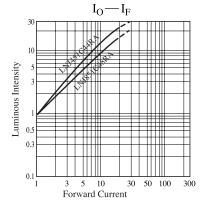
Lighting Color	$P_D(mW)$	I _F (mA)	I _{FP} (mA)*	$V_R(V)$	T _{opr} (°C)	T _{stg} (°C)
Amber	50	20	60	4	−25 ~ +80	− 30 ~ +85
Orange	50	20	60	4	−25 ~ +80	−30 ~ +85

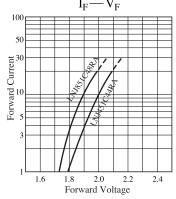
Pulse width 1 msec. The condition of IFP is duty 10%, Pulse width 1 msec

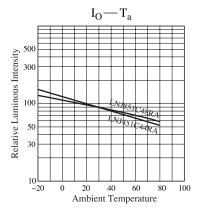


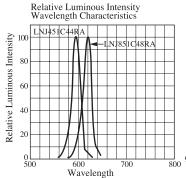
■ Electro–Optical Characteristics (T_a = 25°C)

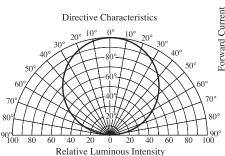
Conventional	Lighting	Lens Color	Io			V _F		λ_{P}	Δλ		I _R	
Part No.	Color		Тур	Min	I _F	Тур	Max	Тур	Тур	I _F	Max	V_R
LNJ451C44RA	Amber	Clear	14.5	5.5	10	2.0	2.3	595	15	10	100	4
LNJ851C48RA	Orange	Clear	9.0	3.5	10	1.9	2.3	620	17	10	100	4
Unit	_	_	mcd	mcd	mA	V	V	nm	nm	mA	μΑ	V

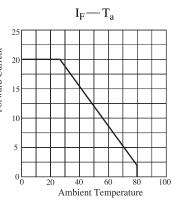












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Caution for Safety



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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