### Surface Mounting Chip LED

### 3216 Type

Conventional Part No.	Global Prat No.	Lighting Color
LNJ211R8ARA ······	·· LNJ211R8ARA	······ Red
LNJ311G8TRA ······	·· LNJ311G8TRA	······ Green
LNJ411K8YRA ······	·· LNJ411K8YRA	······ Amber

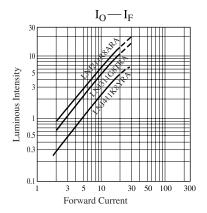
#### Absolute Maximum Ratings ( $T_a = 25^{\circ}C$ )

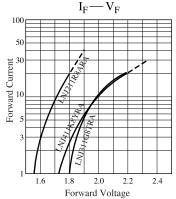
Lighting Color	P <sub>D</sub> (mW)	l <sub>F</sub> (mA)	I <sub>FP</sub> (mA)*	$V_{R}(V)$	T <sub>opr</sub> (°C)	T <sub>stg</sub> (°C)
Red	60	20	100	3	-30 ~ +85	-40 ~ +100
Green	60	20	100	4	-30 ~ +85	$-40 \sim +100$
Amber	60	20	100	4	-30 ~ +85	-40 ~ +100

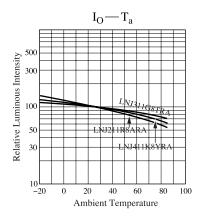
Pulse width 1 msec. The condition of  $\mathrm{I}_{\mathrm{FP}}$  is duty 10%, Pulse width 1 msec

#### Electro–Optical Characteristics ( $T_a = 25^{\circ}C$ )

Conventional	Lighting	Lens Color	I,	0		V	/F	λ <sub>P</sub>	Δλ		l,	۲
Part No.	Color	2010	Тур	Min	۱ <sub>F</sub>	Тур	Max	Тур	Тур	I <sub>F</sub>	Max	$V_R$
LNJ211R8ARA	Red	Red Diffused	7.0	2.3	10	1.72	2.5	660	20	10	100	3
LNJ311G8TRA	Green	Green Diffused	5.5	1.8	10	2.03	2.6	565	30	10	10	4
LNJ411K8YRA	Amber	Yellow Diffused	2.2	0.75	10	2.0	2.6	590	30	10	10	4
Unit			mcd	mcd	mA	V	V	nm	nm	mA	μA	V







Unit: mm

1: Anode 2: Cathode

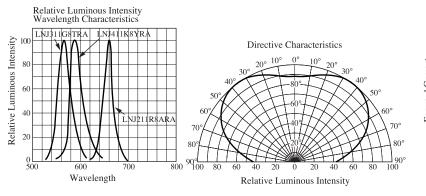
3.2

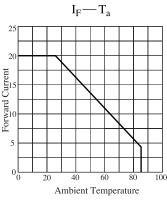
1.9

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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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