#### Ultra Bright GaAIAs Lamps

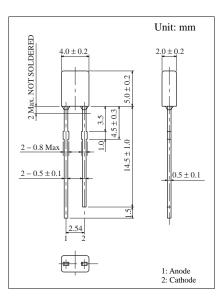
# Square Type $\Box$ 4.0 mm × 2.0 mm Series

Conventional Part No.	Global Prat No.	Lighting Color
LN251CAL(U)	LNG251CBA ···	······ Red

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

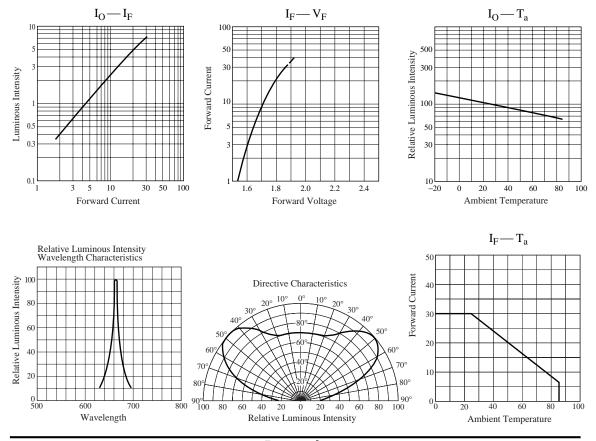
Lighting Color	P <sub>D</sub> (mW)	I <sub>F</sub> (mA)	I <sub>FP</sub> (mA)*	$V_R(V)$	T <sub>opr</sub> (°C)	T <sub>stg</sub> (°C)
Red	70	30	150	3	-25 ~ +85	$-30 \sim +100$

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



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

Conventional	Lighting	Lens Color	lo			V	V <sub>F</sub>		λ <sub>Ρ</sub> Δλ		I <sub>R</sub>	
Part No.	Color	2013 00101	Тур	Min	۱ <sub>F</sub>	Тур	Max	Тур	Тур	I <sub>F</sub>	Max	V <sub>R</sub>
LN251CAL(U)	Red	Clear	5	2	20	1.8	2.6	665	20	20	100	3
Unit			mcd	mcd	mA	V	V	nm	nm	mA	μA	V



## ▲ 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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