Round Type

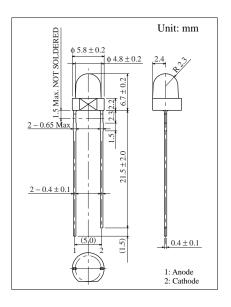
φ 4.8 mm GaAsP

Conventional Part No. Global Parts No. Lighting Color LNG4B4NPY LNG4B4NPY Amber LNG8B4LPD Orange

■ Absolute Maximum Ratings (T_a = 25°C)

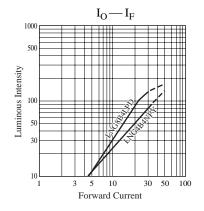
Lighting Color	P _D (mW)	I _F (mA)	I _{FP} (mA)*	$V_R(V)$	T _{opr} (°C)	T _{stg} (°C)
Amber	90	30	150	4	−25 ~ +85	-30 ~ +100
Orange	90	30	150	3	−25 ~ +85	-30 ~ +100

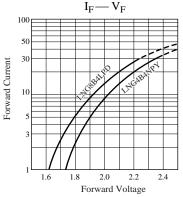
Pulse width 1 msec. The condition of I_{FP} is duty 10%, Pulse width 1 msec

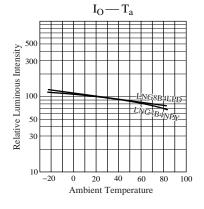


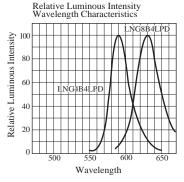
■ Electro–Optical Characteristics (T_a = 25°C)

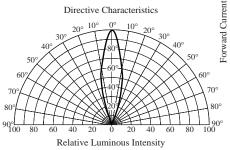
Conventional	Lighting	Lens Color	Io			V _F		λ_{P}	Δλ		I _R	
Part No.	Color	Lens Color	Тур	Min	I_{F}	Тур	Max	Тур	Тур	I _F	Max	V_R
LNG4B4NPY	Amber	Amber Clear	50		20	2.2	2.8	590	30	20	10	4
LNG8B4LPD	Orange	Red Clear	80	30	20	2.1	2.8	630	40	20	10	3
Unit	—		mcd	mcd	mA	V	V	nm	nm	mA	μΑ	V

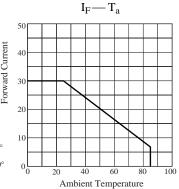












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Gallium arsenide material (GaAs) is used in this product.

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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