Square Type

\Box 5.7 mm \times 2.7 mm Series

Conventional Part No.	Global Prat No.	Lighting Color
LN249RPH	···· LNG249RFR ····	······ Red
LN349GPH	···· LNG349GFG ····	······ Green
LN449YPH	···· LNG449YFX ····	Amber
LN849RPH	···· LNG849RFD ····	······ Orange

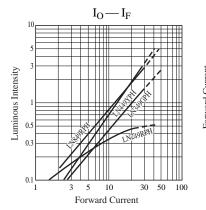
Absolute Maximum Ratings ($T_a = 25^{\circ}C$)

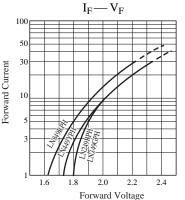
Lighting Color	P _D (mW)	I _F (mA)	I _{FP} (mA)*	$V_{R}(V)$	T _{opr} (°C)	T _{stg} (°C)
Red	70	25	150	4	-25 ~ +85	$-30 \sim +100$
Green	90	30	150	4	-25 ~ +85	$-30 \sim +100$
Amber	90	30	150	4	-25 ~ +85	$-30 \sim +100$
Orange	90	30	150	3	-25 ~ +85	$-30 \sim +100$

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

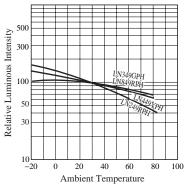
Electro–Optical Characteristics ($T_a = 25^{\circ}C$)

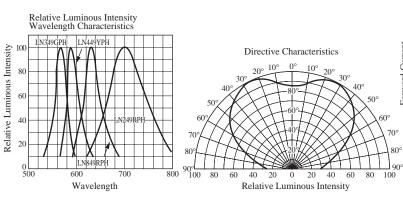
Conventional	Lighting	Lens Color	I _O			V _F		λρ	Δλ		I _R	
Part No.	Color	Lens Color	Тур	Min	l I _F	Тур	Max	Тур	Тур	l I _F	Max	V_{R}
LN249RPH	Red	Red Diffused	0.4	0.15	15	2.2	2.8	700	100	20	5	4
LN349GPH	Green	Green Diffused	1.0	0.40	20	2.2	2.8	565	30	20	10	4
LN449YPH	Amber	Amber Diffused	2.0	0.75	20	2.2	2.8	590	30	20	10	4
LN849RPH	Orange	Red Diffused	2.0	0.75	20	2.1	2.8	630	40	20	10	3
Unit			mcd	mcd	mA	V	V	nm	nm	mA	μΑ	V

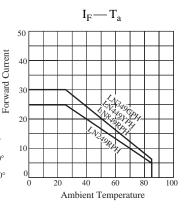




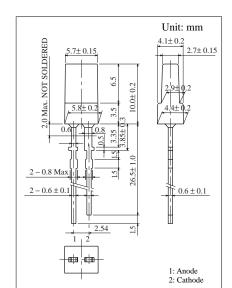








809



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▲ Caution for Safety



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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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