### Round Type

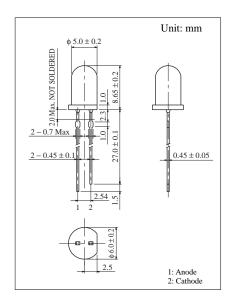
## φ 5.0 mm Series

Conventional Part No.	Global Prat No.	Lighting Color
LN21RPX	··· LNG201RKR ···	······ Red
LN31GPX ·····	··· LNG301GKG ··	····· Green
LN41YPX ·····	··· LNG401YKX ··	····· Amber

### ■ Absolute Maximum Ratings (T<sub>a</sub> = 25°C)

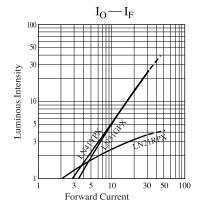
Lighting Color	P <sub>D</sub> (mW)	I <sub>F</sub> (mA)	I <sub>FP</sub> (mA)*	V <sub>R</sub> (V)	T <sub>opr</sub> (°C)	T <sub>stg</sub> (°C)
Red	70	25	150	4	<b>−25</b> ~ <b>+85</b>	-30 ~ +100
Green	90	30	150	4	-25 ~ +85	-30 ~ +100
Amber	90	30	150	4	<b>−25</b> ~ <b>+85</b>	-30 ~ +100

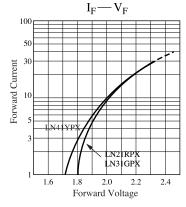
Pulse width 1 msec. The condition of  $I_{FP}$  is duty 10%, Pulse width 1 msec

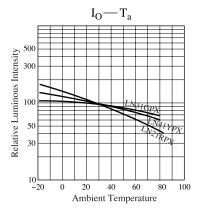


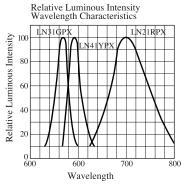
### ■ Electro–Optical Characteristics (T<sub>a</sub> = 25°C)

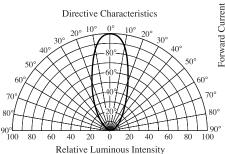
Conventional	Lighting	Lens Color	I,	0		V	′ <sub>F</sub>	$\lambda_{P}$	Δλ		I,	R
Part No.	Color	Lens 00101	Тур	Min	I <sub>F</sub>	Тур	Max	Тур	Тур	I <sub>F</sub>	Max	$V_R$
LN21RPX	Red	Red Diffused	3.0	1.5	15	2.2	2.8	700	100	20	5	4
LN31GPX	Green	Green Diffused	15.0	6.0	20	2.2	2.8	565	30	20	10	4
LN41YPX	Amber	Amber Diffused	15.0	6.0	20	2.2	2.8	590	30	20	10	4
Unit			mcd	mcd	mA	V	V	nm	nm	mA	μΑ	V

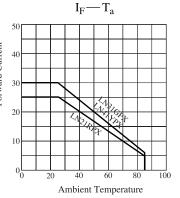












Panasonic 139

# 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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