

Round Type

φ 4.0 mm Series

Conventional Part No.	Global Part No.	Lighting Color
LN29RPX	LNG209RKR	Red
LN39GPX	LNG309GKG	Green
LN49YPX	LNG409YKX	Amber
LN89RPX	LNG809RKD	Orange

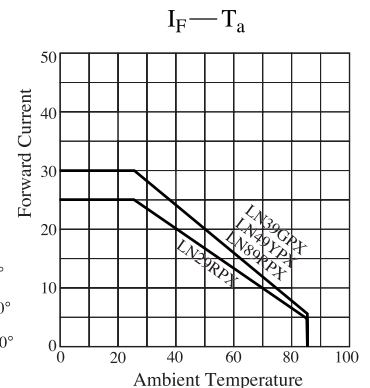
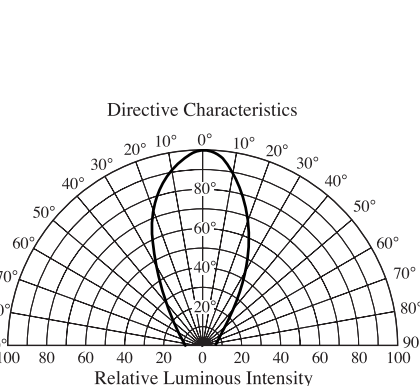
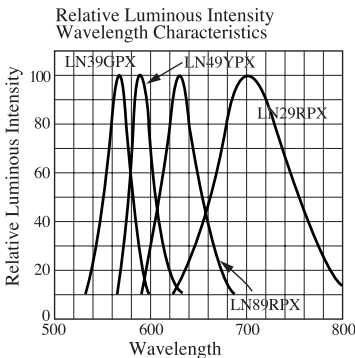
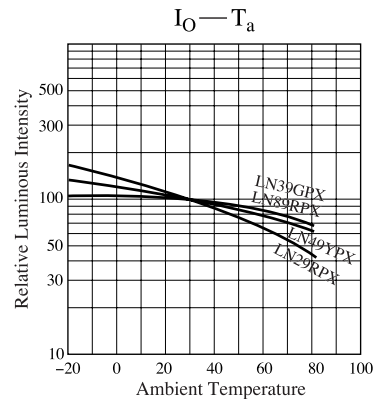
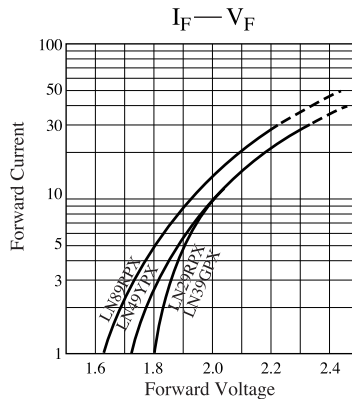
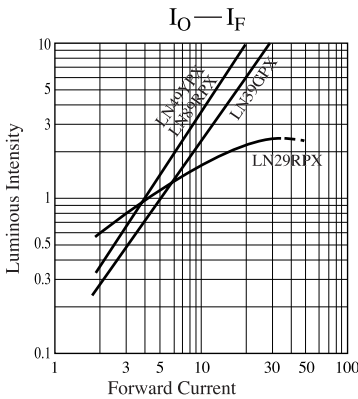
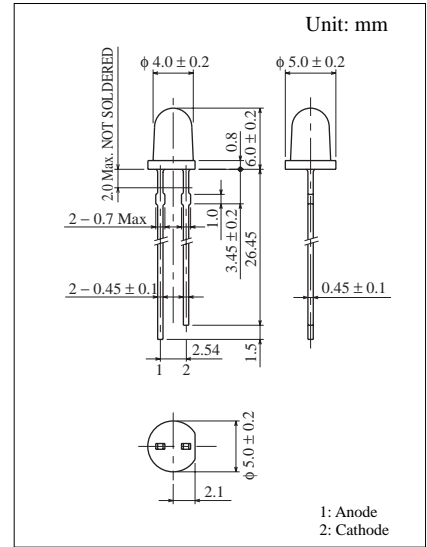
Absolute Maximum Ratings (T_a = 25°C)

Lighting Color	P _D (mW)	I _F (mA)	I _{FP} (mA)*	V _R (V)	T _{opr} (°C)	T _{stg} (°C)
Red	70	25	150	4	-25 ~ +85	-30 ~ +100
Green	90	30	150	4	-25 ~ +85	-30 ~ +100
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 Part No.	Lighting Color	Lens Color	I _O			V _F		λ _p	Δλ	I _F	I _R	
			Typ	Min	I _F	Typ	Max				Max	V _R
LN29RPX	Red	Red Diffused	2.0	0.8	15	2.2	2.8	700	30	20	5	4
LN39GPX	Green	Green Diffused	6.0	2.0	20	2.2	2.8	565	30	20	10	4
LN49YPX	Amber	Amber Diffused	10.0	3.5	20	2.2	2.8	590	30	20	10	4
LN89RPX	Orange	Red Diffused	10.0	3.5	20	2.1	2.8	630	40	20	10	3
Unit	—	—	mcd	mcd	mA	V	V	nm	nm	mA	μA	V



Caution for Safety

 **DANGER**

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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