

# Round Type

## φ 4.4 mm Series

Conventional Part No.	Global Part No.	Lighting Color
LN240RPX	LNG240RKR	Red
LN340GPX	LNG340GKG	Green
LN440YPX	LNG440YKX	Amber
LN840RPX	LNG840RKD	Orange

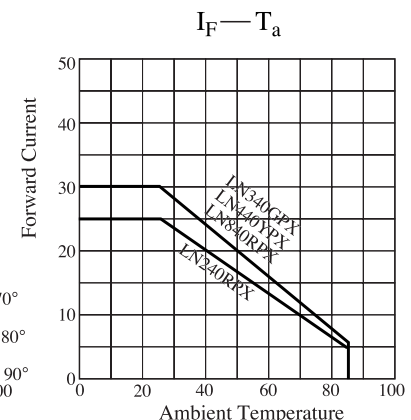
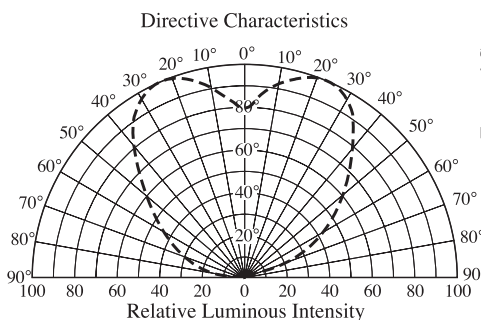
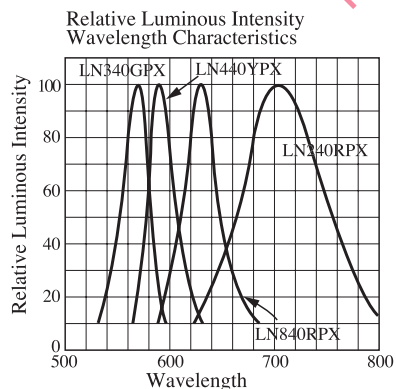
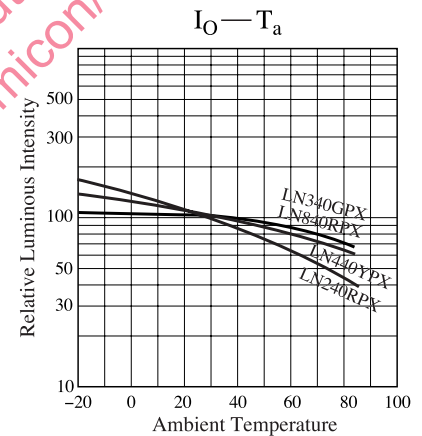
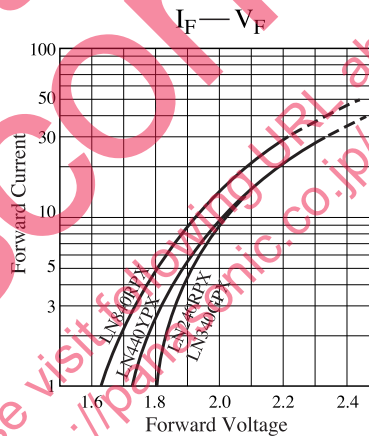
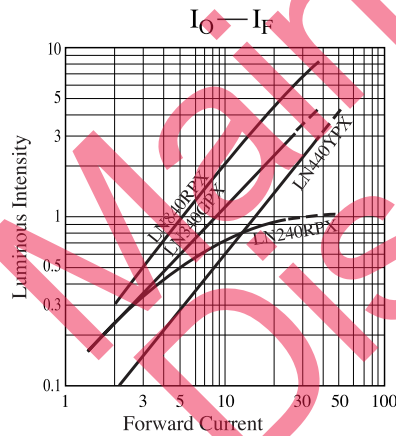
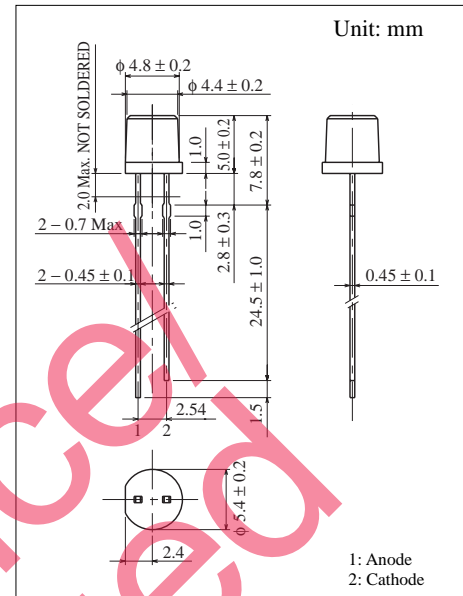
### Absolute Maximum Ratings (T<sub>a</sub> = 25°C)

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	-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<sub>FP</sub> is duty 10%, Pulse width 1 msec

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

Conventional Part No.	Lighting Color	Lens Color	I <sub>O</sub>			V <sub>F</sub>		λ <sub>p</sub>	Δλ	I <sub>R</sub>		
			Typ	Min	I <sub>F</sub>	Typ	Max	Typ	Typ	I <sub>F</sub>	Max	V <sub>R</sub>
LN240RPX	Red	Red Diffused	0.8	0.30	15	2.2	2.8	700	100	20	5	4
LN340GPX	Green	Green Diffused	2.5	0.95	20	2.2	2.8	565	30	20	10	4
LN440YPX	Amber	Amber Diffused	1.5	0.60	20	2.2	2.8	590	30	20	10	4
LN840RPX	Orange	Red Diffused	4.5	2.00	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.

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