

Round-Top View Type

φ 2.0 mm Series

Conventional Part No.	Global Part No.	Lighting Color
LN230RPP	LNG230RBR	Red
LN330GPP	LNG330GBG	Green
LN430YPP	LNG430YBX	Amber
LN830RPP	LNG830RBD	Orange

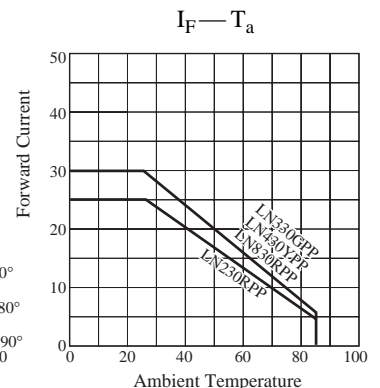
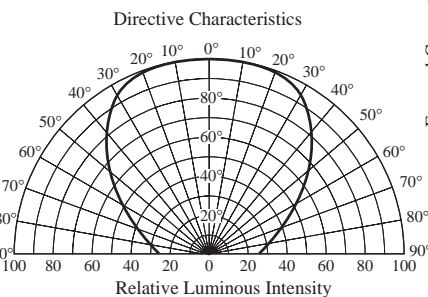
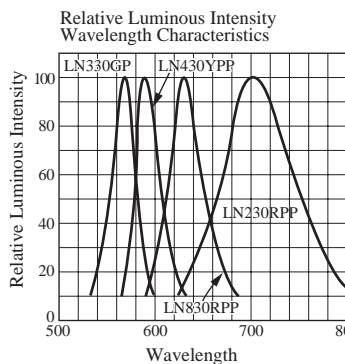
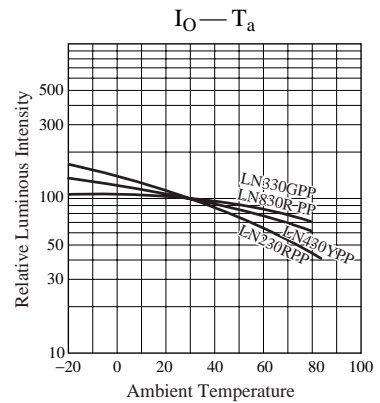
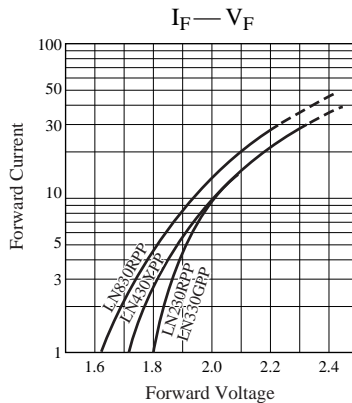
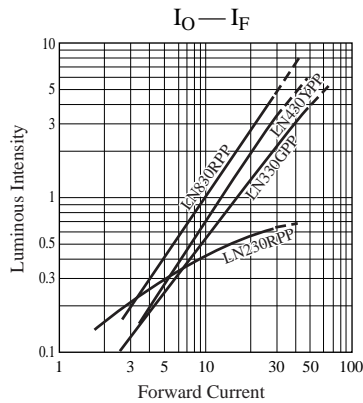
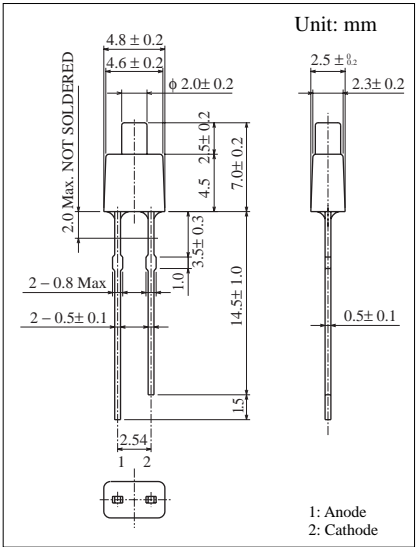
Absolute Maximum Ratings (T_a = 25°C)

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
LN230RPP	Red	Red Diffused	0.5	0.20	15	2.2	2.8	700	100	20	5	4
LN330GPP	Green	Green Diffused	1.5	0.60	20	2.2	2.8	565	30	20	10	4
LN430YPP	Amber	Amber Diffused	2.0	0.75	20	2.2	2.8	590	30	20	10	4
LN830RPP	Orange	Red Diffused	3.0	1.50	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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