

# Round Type

## φ 4.8 mm Series

Conventional Part No.	Global Part No.	Lighting Color
LN264CP	LNG264CDR	Red
LN364GCP	LNG364MDG	Green
LN464YCP	LNG464NDX	Amber
LN864RCP	LNG864LDD	Orange

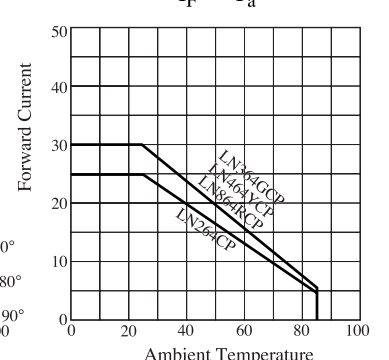
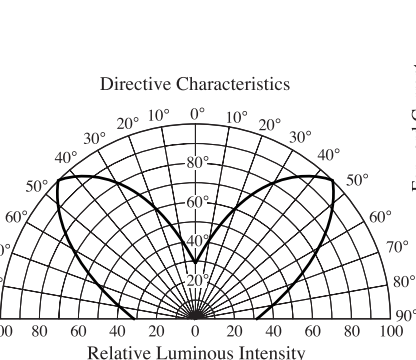
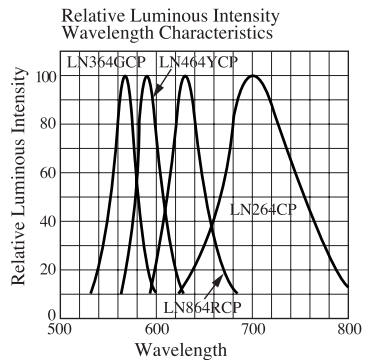
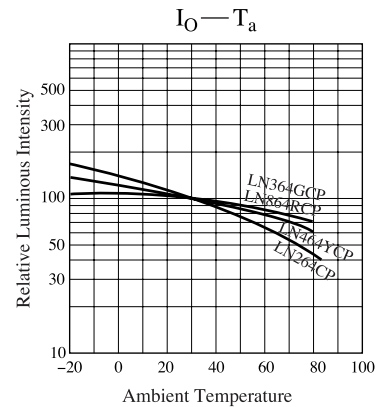
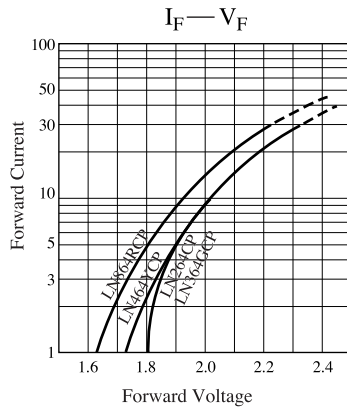
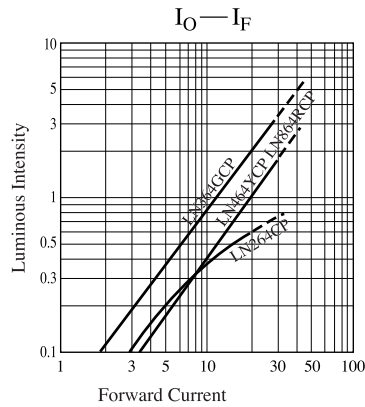
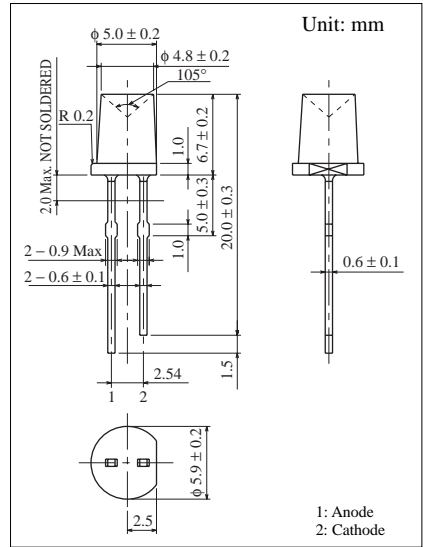
### Absolute Maximum Ratings (T<sub>a</sub> = 25°C)

Lighting Color	P <sub>D</sub> (mW)	I <sub>F</sub> (mA)	I <sub>FP</sub> (mA) <sup>*</sup>	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>		I <sub>F</sub>	V <sub>F</sub>		λ <sub>P</sub>	Δλ	I <sub>F</sub>	I <sub>R</sub>	
			Typ	Min		Typ	Max	Typ	Typ		I <sub>F</sub>	Max
LN264CP	Red	Clear	0.5	0.2	15	2.2	2.8	700	100	20	5	4
LN364GCP	Green	Green Clear	2.0	0.7	20	2.2	2.8	565	30	20	10	4
LN464YCP	Amber	Amber Clear	1.0	0.4	20	2.2	2.8	590	30	20	10	4
LN864RCP	Orange	Red Clear	1.0	0.4	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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