

# Round Type

## φ 2.8 mm Series

Conventional Part No.	Global Part No.	Lighting Color
LN263CPP	LNG263CBR	Red
LN363GCPP	LNG363MBG	Green
LN463YCPP	LNG463NBX	Amber
LN863RCPP	LNG863LBD	Orange

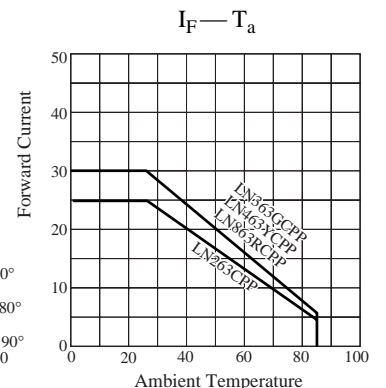
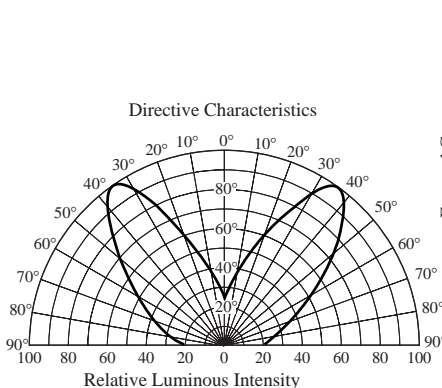
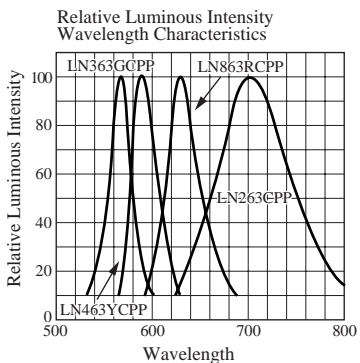
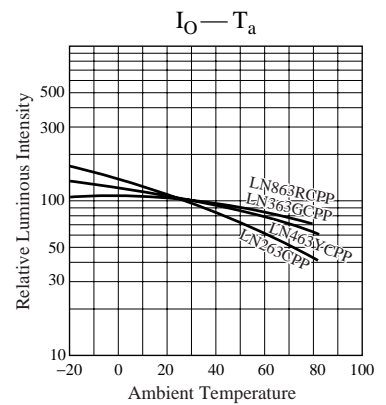
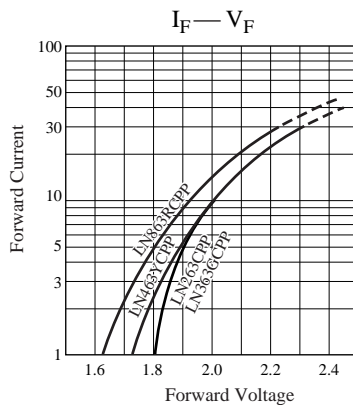
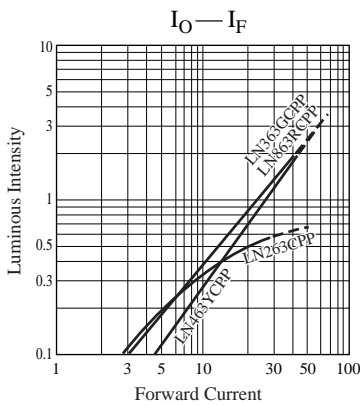
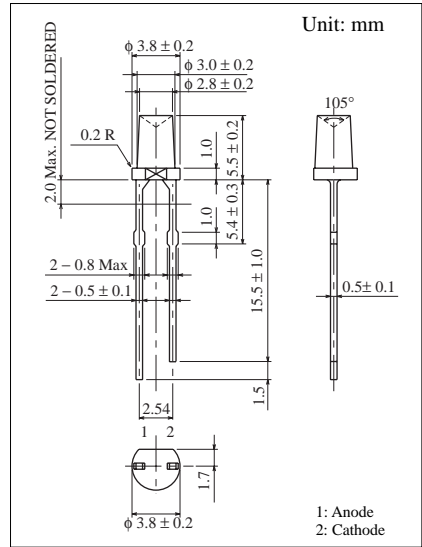
### Absolute Maximum Ratings (T<sub>a</sub> = 25°C)

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>		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
LN263CPP	Red	Clear	0.4	0.15	15	2.2	2.8	700	100	20	5	4
LN363GCPP	Green	Green Clear	1.0	0.40	20	2.2	2.8	565	30	20	10	4
LN463YCPP	Amber	Amber Clear	0.8	0.30	20	2.2	2.8	590	30	20	10	4
LN863RCPP	Orange	Red Clear	1.0	0.40	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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