

Round Type

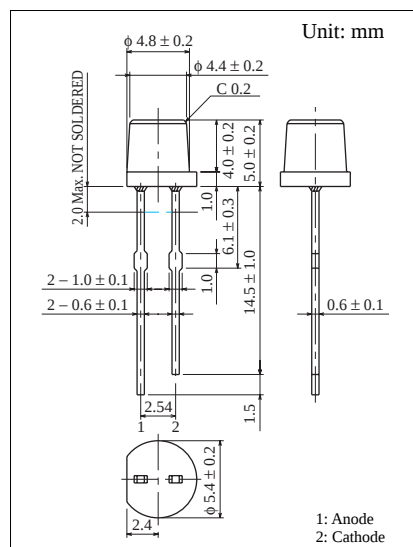
φ 4.4 mm Series

Conventional Part No.	Global Part No.	Lighting Color
LN440YCP	LNG440NDX	Amber
LN440CP	LNG440CDX	Amber
LN840RCP	LNG840LDD	Orange
LN840CP	LNG840CDD	Orange

■ Absolute Maximum Ratings (T_a = 25°C)

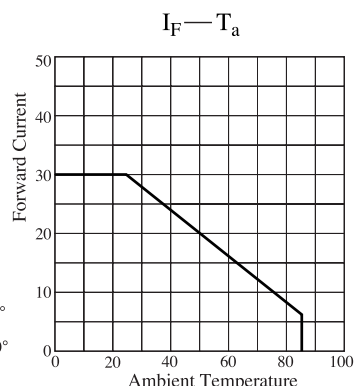
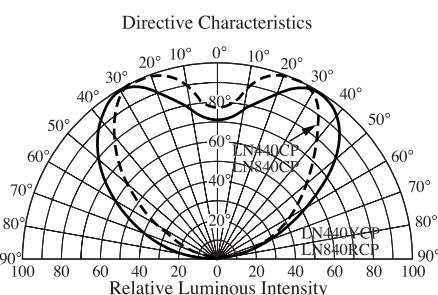
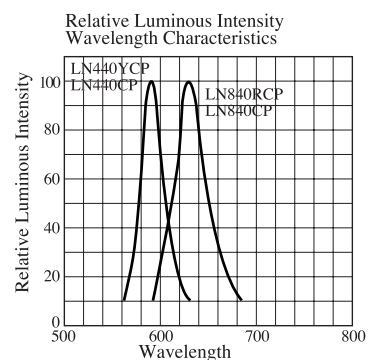
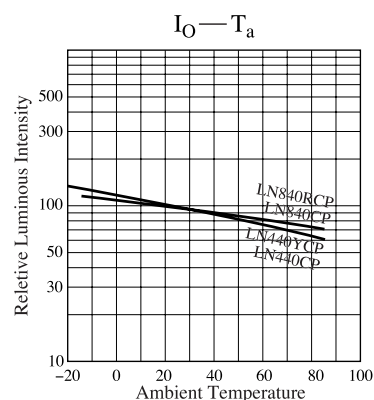
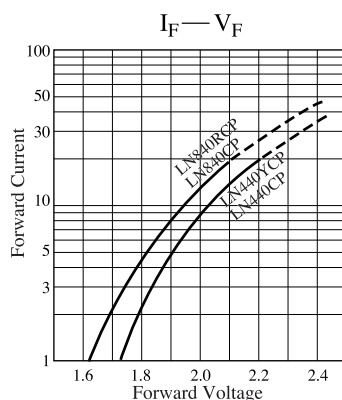
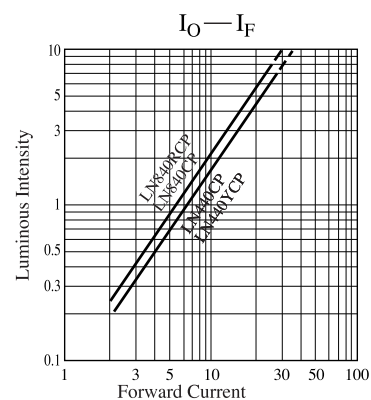
Lighting Color	P _D (mW)	I _F (mA)	I _{FP} (mA)*	V _R (V)	T _{opr} (°C)	T _{stg} (°C)
Amber	90	30	150	4	-25 ~ +85	-30 ~ +100
Orange	90	30	150	4	-25 ~ +85	-30 ~ +100

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		I _F	V _F		λ _P	Δλ	I _F	I _R	
			Typ	Min		Typ	Max				Max	V _R
LN440YCP	Amber	Amber Clear	5.0	2.0	20	2.2	2.8	590	30	20	10	4
LN440CP	Amber	Clear	5.0	2.0	20	2.2	2.8	590	30	20	10	4
LN840RCP	Orange	Red Clear	6.0	2.5	20	2.1	2.8	630	40	20	10	3
LN840CP	Orange	Clear	6.0	2.5	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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