

Two Color Lighting

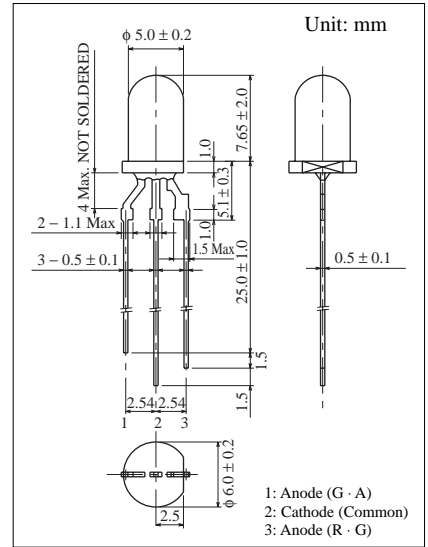
Round Type φ 5.0 mm Series

Conventional Part No. Global Part No. Lighting Color
 LN11CP23 LNG101CHY Red, Green
 LN11CP34 LNG101CHW Green, Amber

■ Absolute Maximum Ratings (T_a = 25°C)

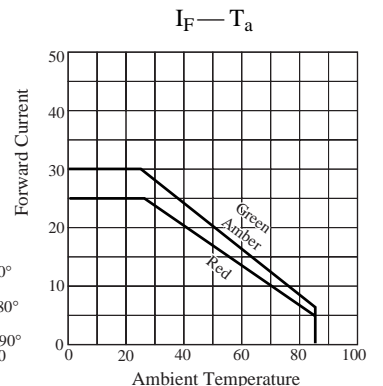
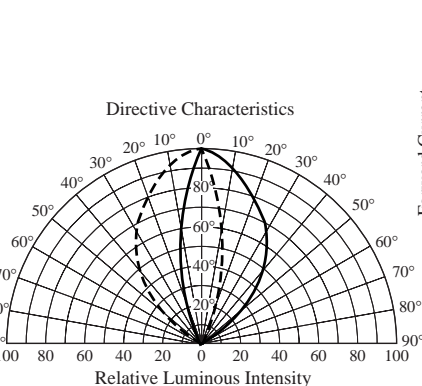
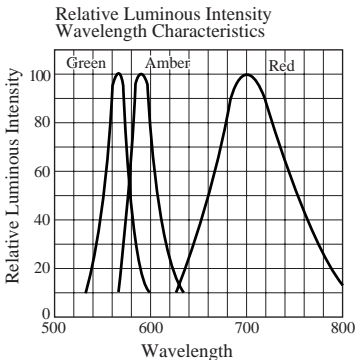
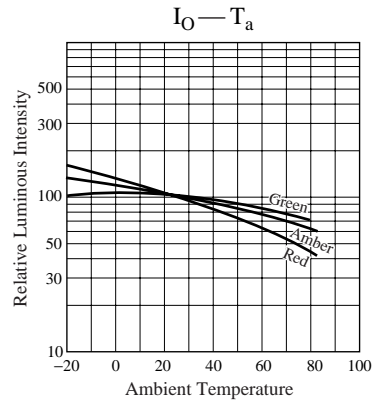
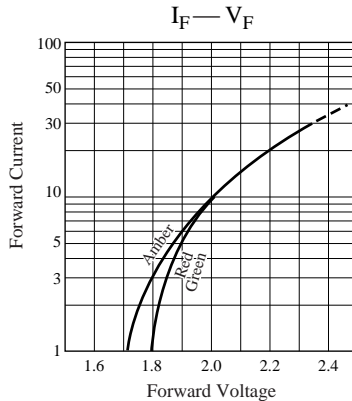
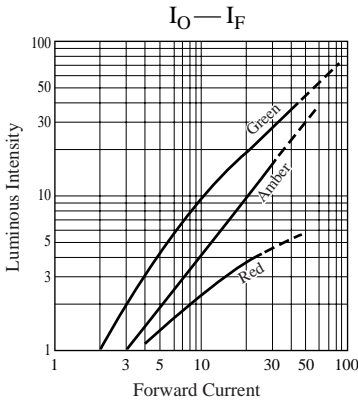
Lighting Color	P _D (mW)	I _F (mA)	I _{FP} (mA)*	V _R (V)	T _{opr} (°C)	T _{stg} (°C)
Red	70	25	150	4	-25 ~ +85	-30 ~ +100
Green	90	30	150	4	-25 ~ +85	-30 ~ +100
Amber	90	30	150	4	-25 ~ +85	-30 ~ +100

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
LN11CP23	Red	Clear	3.0	1.2	15	2.2	2.8	700	100	20	10	4
	Green		20.0	8.0	20	2.2	2.8	565	30	20	10	4
LN11CP34	Green	Clear	20.0	8.0	20	2.2	2.8	565	30	20	10	4
	Amber		10.0	4.0	20	2.2	2.8	590	30	20	10	4
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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