

# Round Type

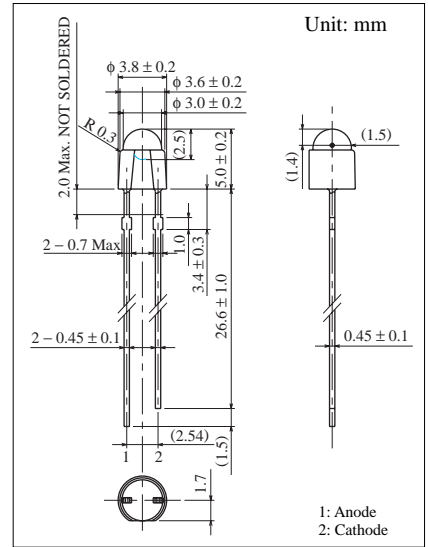
## φ 3.0 mm InGaAlP

Conventional Part No.      Global Part No.      Lighting Color  
 LNG898CK8 ..... LNG898CK8 ..... Orange  
 LNG498CK4 ..... LNG498CK4 ..... Amber

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

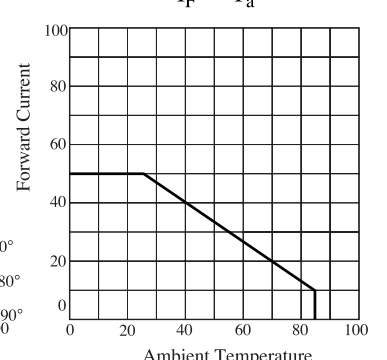
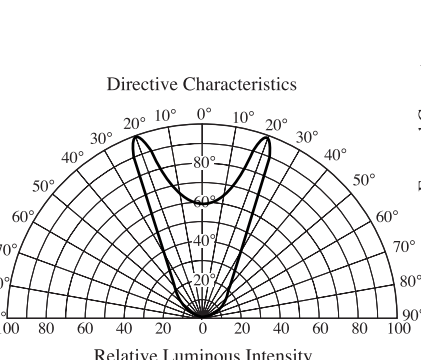
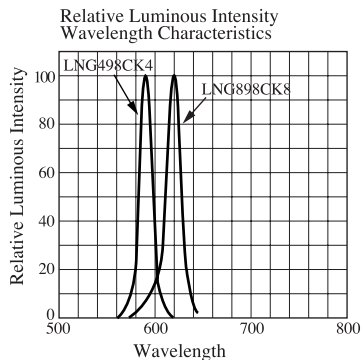
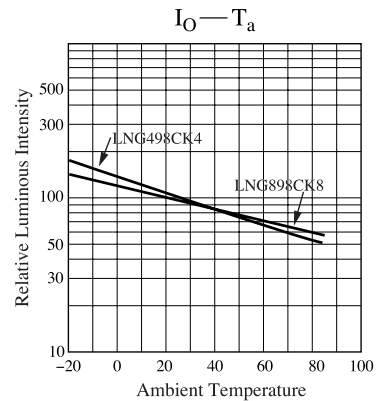
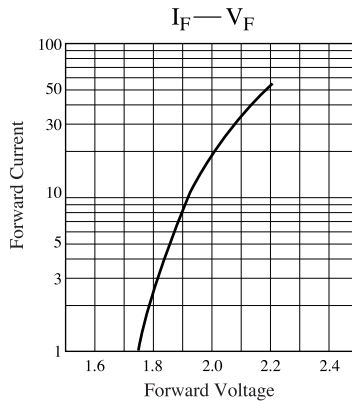
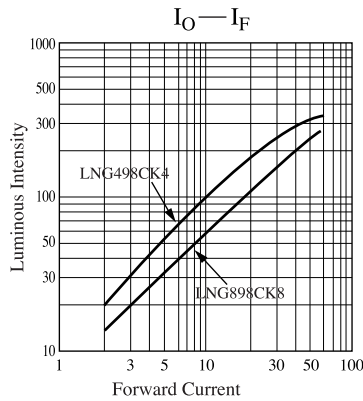
Lighting Color	P <sub>D</sub> (mW)	I <sub>F</sub> (mA)	V <sub>R</sub> (V)	T <sub>opr</sub> (°C)	T <sub>stg</sub> (°C)
Orange	120	50	4	-25 ~ +85	-30 ~ +100
Amber	120	50	4	-25 ~ +85	-30 ~ +100

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		Max	V <sub>R</sub>
LNG898CK8	Orange	Clear	120	70	20	2.0	2.4	620	17	20	100	4
LNG498CK4	Amber	Clear	180	80	20	2.1	2.4	595	15	20	100	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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