

# Square Type

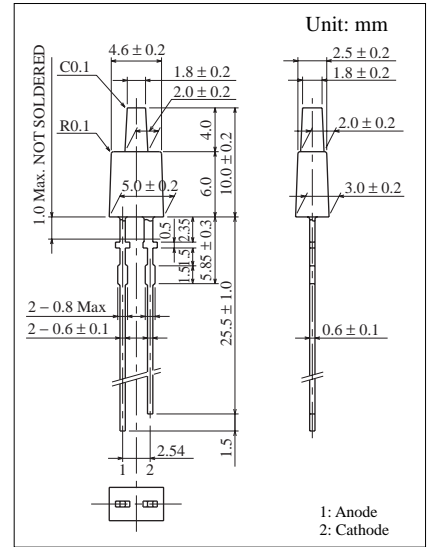
## □ 1.8 mm × 1.8 mm Series

Conventional Part No.      Global Part No.      Lighting Color  
 LN265RPH ..... LNG265RFR ..... Red  
 LN365GPH ..... LNG365GFG ..... Green  
 LN465YPH ..... LNG465YFX ..... Amber

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

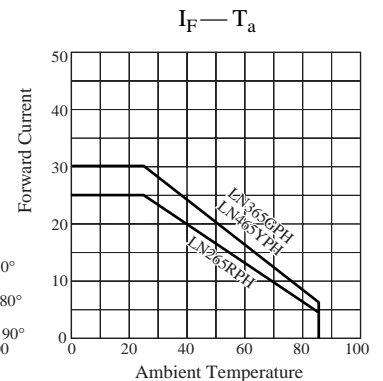
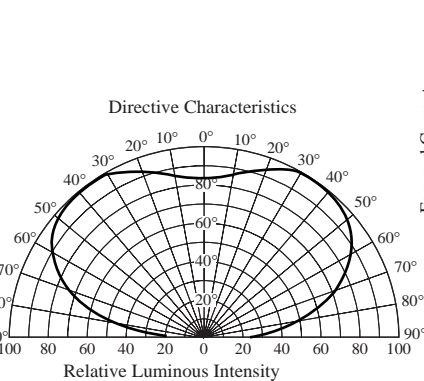
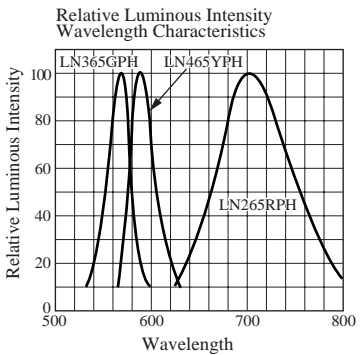
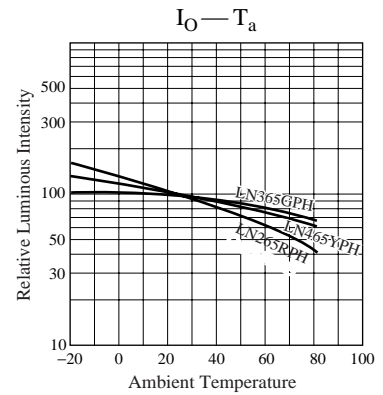
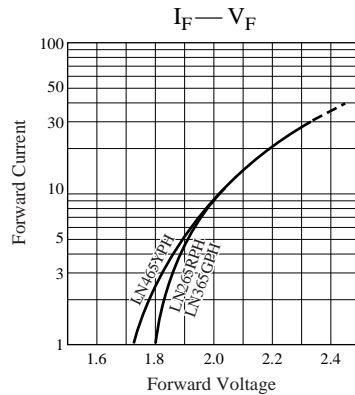
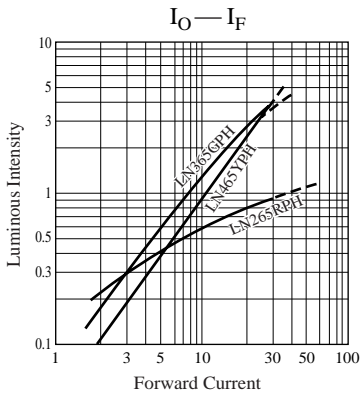
Lighting Color	P <sub>D</sub> (mW)	I <sub>F</sub> (mA)	I <sub>FP</sub> (mA)*	V <sub>R</sub> (V)	T <sub>opr</sub> (°C)	T <sub>stg</sub> (°C)
Red	70	25	150	4	-25 ~ +85	-30 ~ +100
Green	90	30	150	4	-25 ~ +85	-30 ~ +100
Amber	90	30	150	4	-25 ~ +85	-30 ~ +100

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	Max
LN265RPH	Red	Red Diffused	0.7	0.25	15	2.2	2.8	700	100	20	5	4
LN365GPH	Green	Green Diffused	3.0	1.00	20	2.2	2.8	565	30	20	10	4
LN465YPH	Amber	Amber Diffused	2.5	0.90	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.

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