

Square Type

□ 5.0 mm × 1.0 mm Series

Conventional Part No.	Global Part No.	Lighting Color
LN224WPH	LNG224WFR	Red
LN324WPH	LNG324WFG	Green
LN424WPH	LNG424WFX	Amber

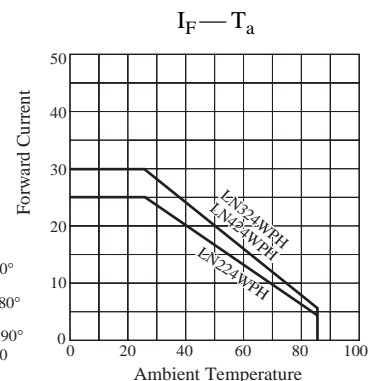
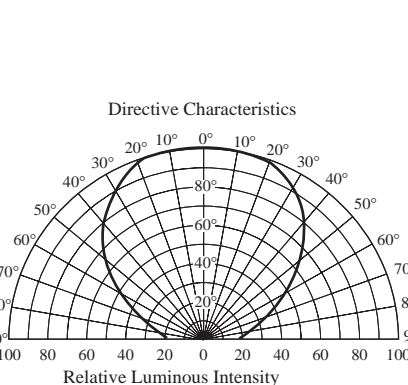
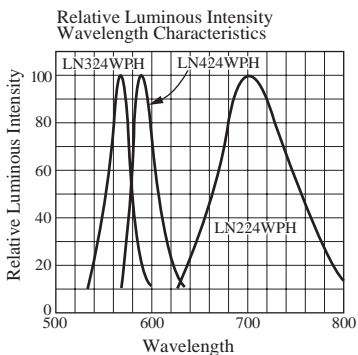
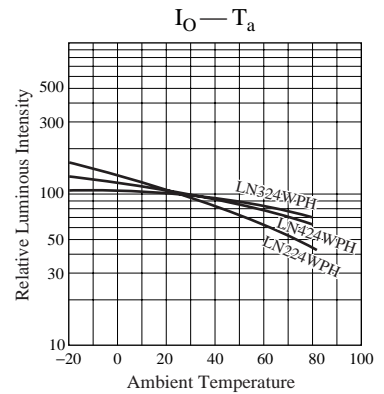
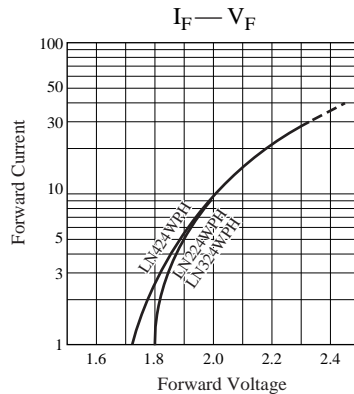
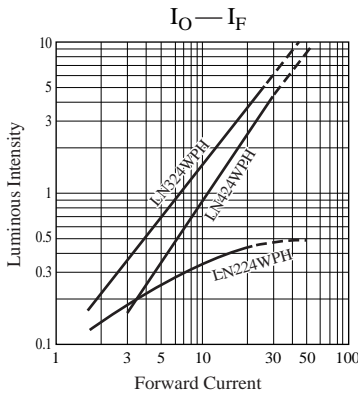
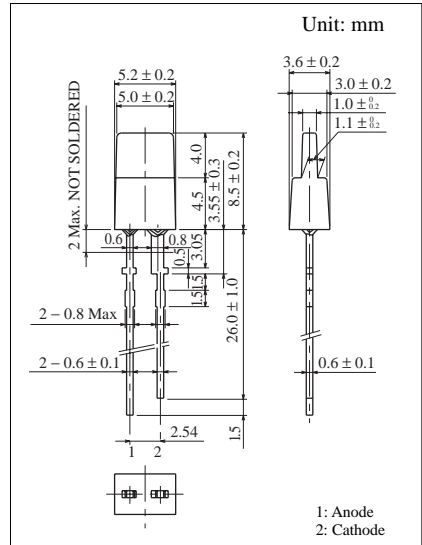
■ Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

Lighting Color	P_D (mW)	I_F (mA)	I_{FP} (mA)*	V_R (V)	T_{opr} ($^\circ\text{C}$)	T_{stg} ($^\circ\text{C}$)
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 ($T_a = 25^\circ\text{C}$)

Conventional Part No.	Lighting Color	Lens Color	I_O			V_F		λ_P	$\Delta\lambda$	I_F	I_R	
			Typ	Min	I_F	Typ	Max	Typ	Typ		Max	V_R
LN224WPH	Red	White Diffused	0.4	0.15	15	2.2	2.8	700	100	20	5	4
LN324WPH	Green	White Diffused	4.0	1.70	20	2.2	2.8	565	30	20	10	4
LN424WPH	Amber	White Diffused	2.5	1.00	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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