

Surface Lighting

Two Color Lighting

□ 15.0 mm × 12.0 mm Series

Conventional Part No. Global Part No. Lighting Color
 LN0801WP23 LNV108101A Red, Green
 LN0801WP38 LNV108101B Green, Orange

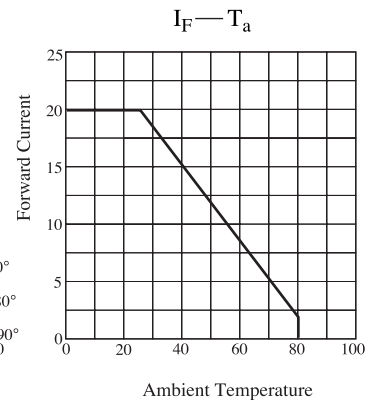
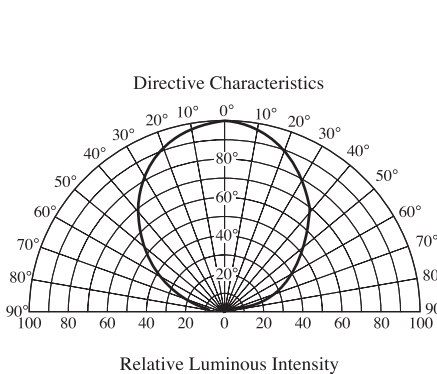
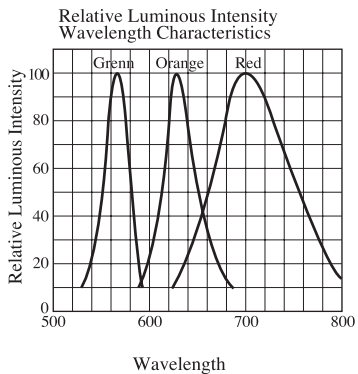
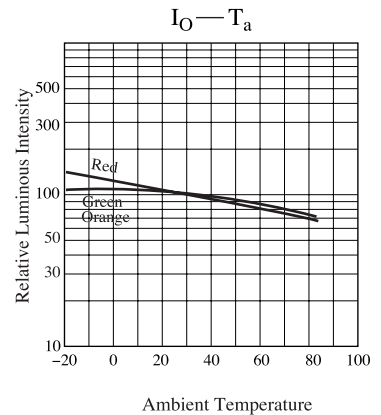
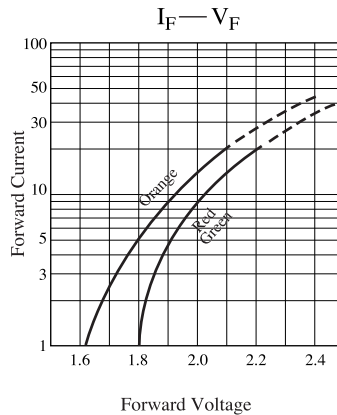
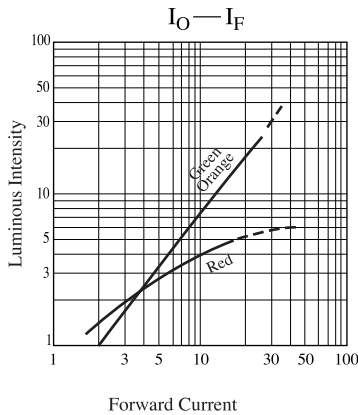
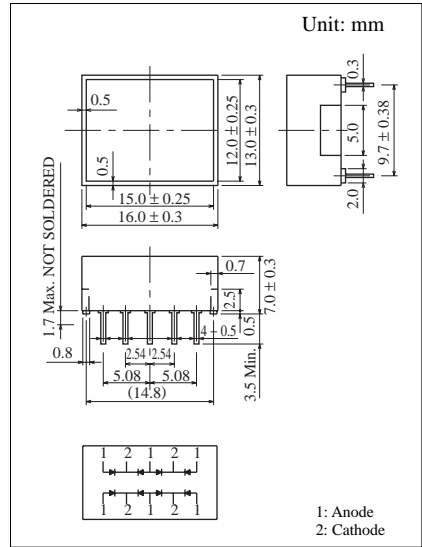
■ Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

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	60	20	100	4	-25 ~ +80	-30 ~ +85
Green	60	20	100	4	-25 ~ +80	-30 ~ +85
Orange	60	20	100	3	-25 ~ +80	-30 ~ +85

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		I_F	V_F		λ_P	$\Delta\lambda$	I_F	I_R	
			Typ	Min		Typ	Max				Max	V_R
LN0801WP23	Red	White Diffused	4.0	1.2	10	2.2	2.8	700	100	20	10	4
	Green		8.0	2.5	10	2.2	2.8	565	30	20	10	4
LN0801WP38	Green	White Diffused	8.0	2.5	10	2.2	2.8	565	30	20	10	4
	Orange		8.0	2.5	10	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.

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