

# Two Color Lighting

## Square Type

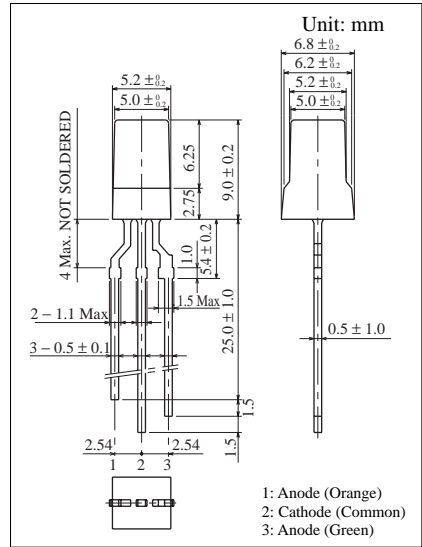
### □ 5.0 mm × 5.0 mm Series

Conventional Part No.      Global Part No.      Lighting Color  
 LN150WP38 ..... LNG150WHA .... Green, Orange

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

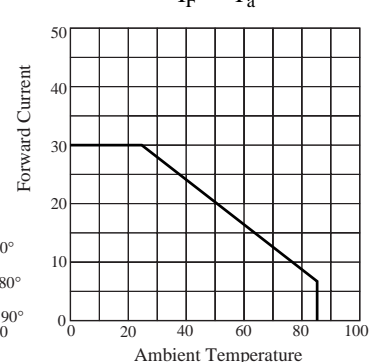
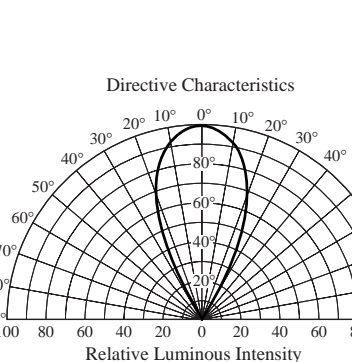
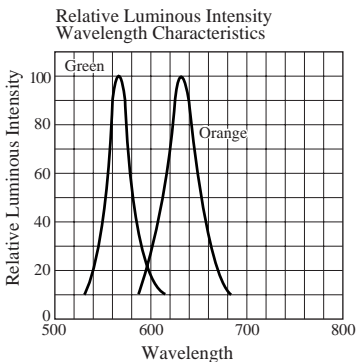
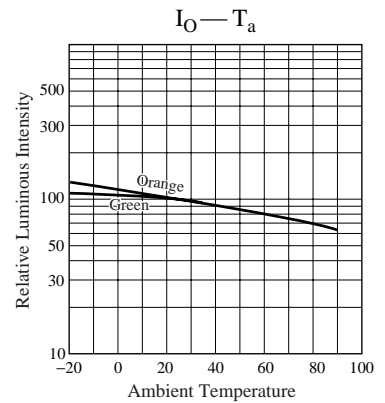
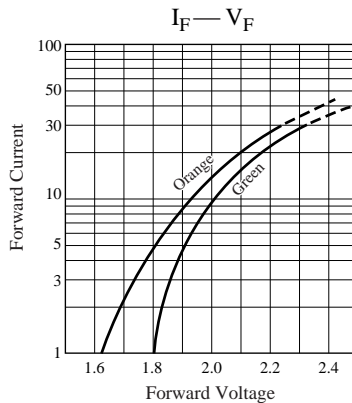
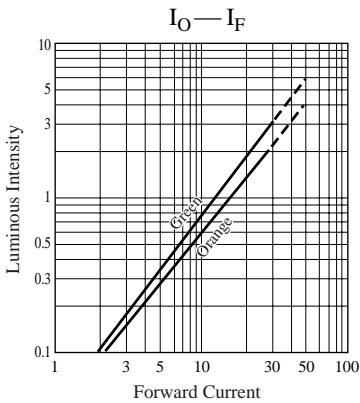
Lighting Color	$P_D$ (mW)	$I_F$ (mA)	$I_{FP}$ (mA)*	$V_R$ (V)	$T_{opr}$ ( $^\circ\text{C}$ )	$T_{stg}$ ( $^\circ\text{C}$ )
Green	90	30	150	4	-25 ~ +85	-30 ~ +100
Orange	90	30	150	4	-25 ~ +85	-30 ~ +100

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	$I_O$		$I_F$	$V_F$		$\lambda_P$	$\Delta\lambda$	$I_F$	$I_R$	
			Typ	Min		Typ	Max				Max	$V_R$
LN150WP38	Green	White Diffused	2.0	1.0	20	2.2	2.8	565	30	20	10	4
	Orange		1.5	0.5	20	2.1	2.8	630	40	20	10	3
Unit	—	—	mcd	mcd	mA	V	V	nm	nm	mA	$\mu\text{A}$	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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