

# Surface Mounting Chip LED

## GW Type

Conventional Part No.	Global Part No.	Lighting Color
LN1261C - (TR)	LNJ261C3RRA	Red
LN1361C - (TR)	LNJ361C3GRA	Green
LN1461C - (TR)	LNJ461C3XRA	Amber
LN1861C - (TR)	LNJ861C3DRA	Orange

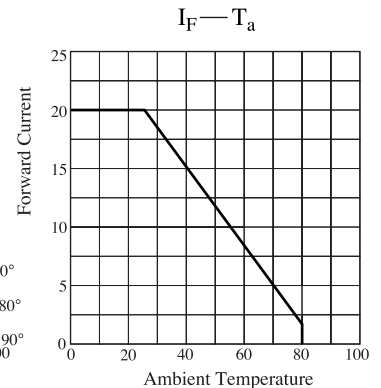
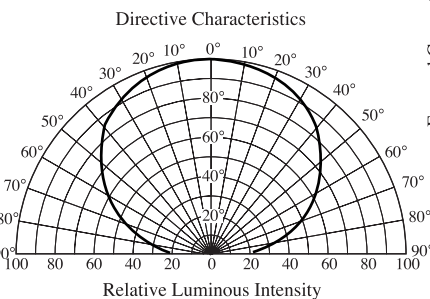
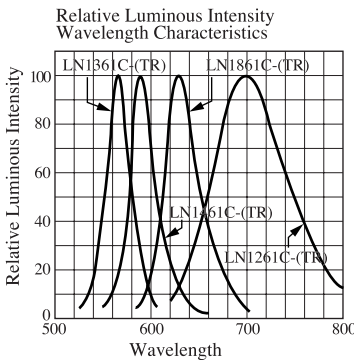
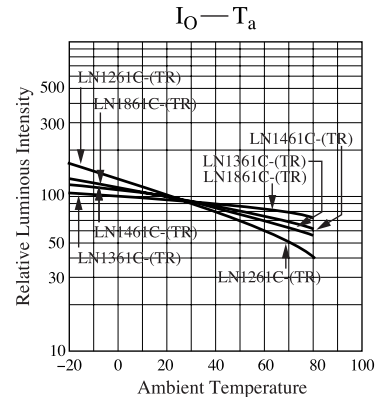
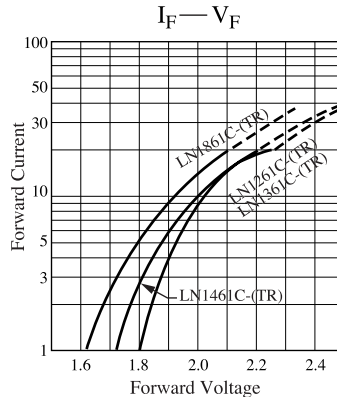
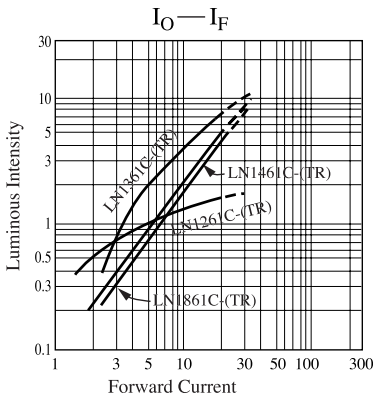
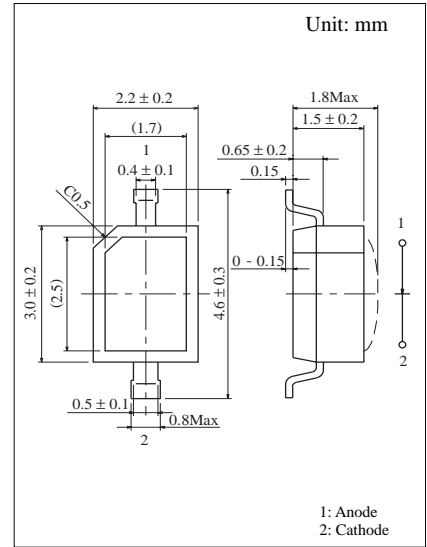
### ■ Absolute Maximum Ratings ( $T_a = 25^\circ\text{C}$ )

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	60	4	-25 ~ +80	-30 ~ +85
Green	60	20	60	4	-25 ~ +80	-30 ~ +85
Amber	60	20	60	4	-25 ~ +80	-30 ~ +85
Orange	60	20	60	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	$I_O$		$I_F$	$V_F$		$\lambda_p$	$\Delta\lambda$	$I_F$	$I_R$	
			Typ	Min		Typ	Max				Max	$V_R$
LN1261C - (TR)	Red	Clear	1.4	0.5	15	2.2	2.8	700	100	20	5	4
LN1361C - (TR)	Green	Clear	7.5	2.8	20	2.2	2.8	565	30	20	10	4
LN1461C - (TR)	Amber	Clear	4.5	1.6	20	2.2	2.8	590	30	20	10	4
LN1861C - (TR)	Orange	Clear	5.0	1.9	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.

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