

# Ultra High Bright Surface Mounting Chip LED

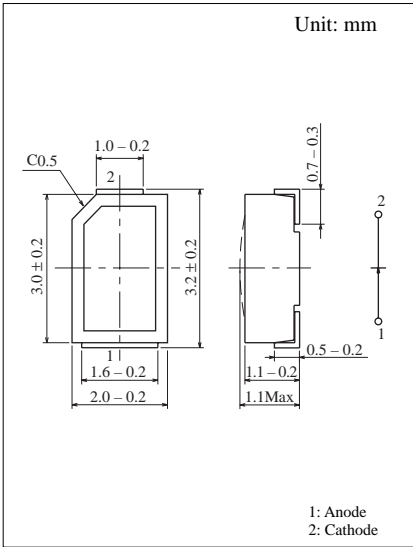
## J-GaAlAs Type

Conventional Part No.      Global Part No.      Lighting Color  
 LN1251CAL – (TR) ··· LNJ251C4ARA ····· Ultra Bright Red

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

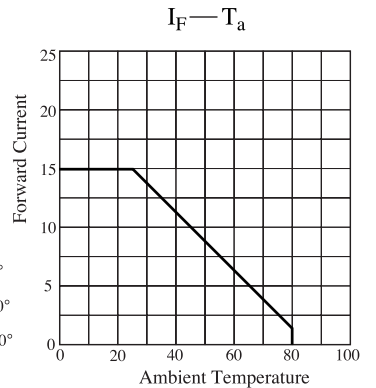
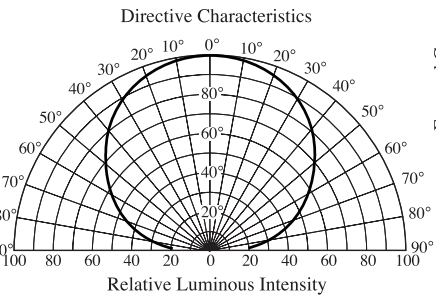
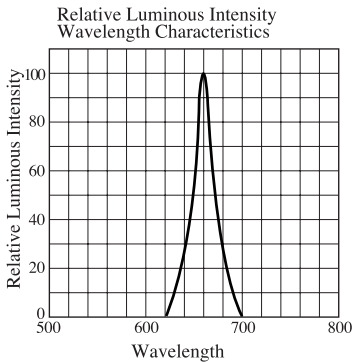
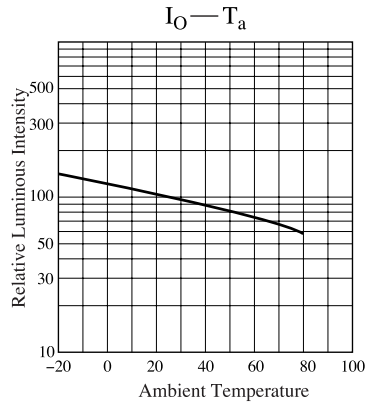
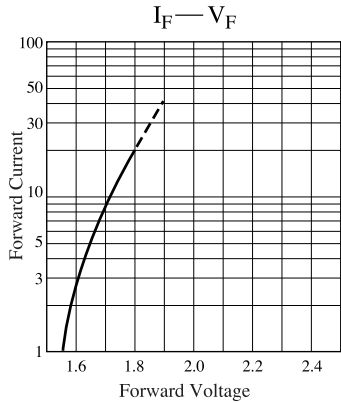
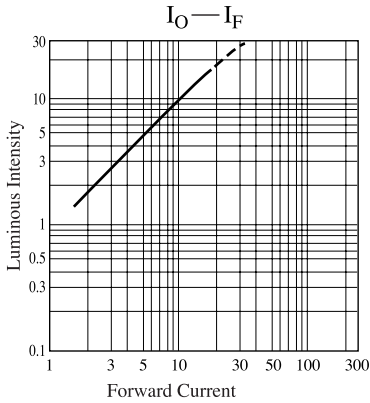
Lighting Color	$P_D$ (mW)	$I_F$ (mA)	$I_{FP}$ (mA)*	$V_R$ (V)	$T_{opr}$ ( $^\circ\text{C}$ )	$T_{stg}$ ( $^\circ\text{C}$ )
Ultra Bright Red	45	15	60	3	-25 ~ +80	-30 ~ +85

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	$V_R$
LN1251CAL – (TR)	Ultra Bright Red	Clear	9.0	3.3	10	1.75	2.6	660	20	15	100	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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