

Ultra Bright GaAlAs Lamps

Round Type

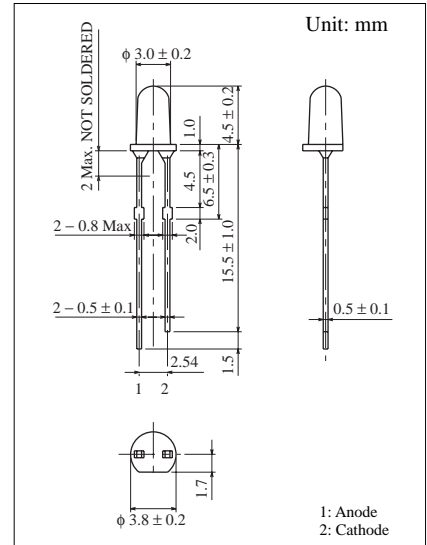
φ 3.0 mm Series

Conventional Part No.	Global Part No.	Lighting Color
LN28RAL(US)	LNG28URBA	Red
LN28RCAL(US)	LNG28ULBA	Red
LN28WAL(US)	LNG28UWBA	Red
LN28CAL(US)	LNG28UCBA	Red

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

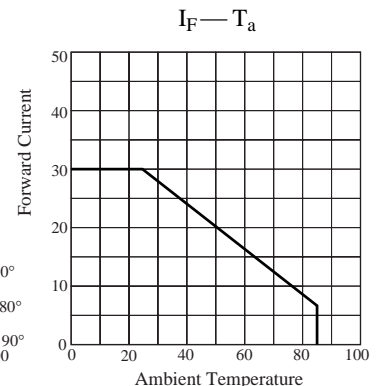
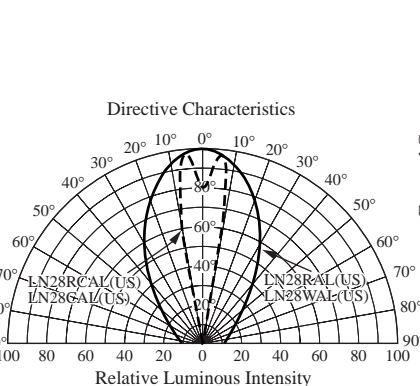
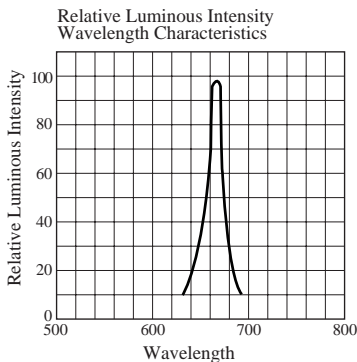
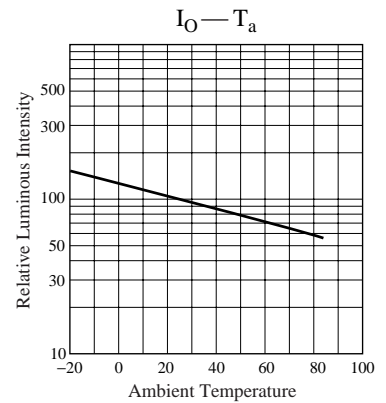
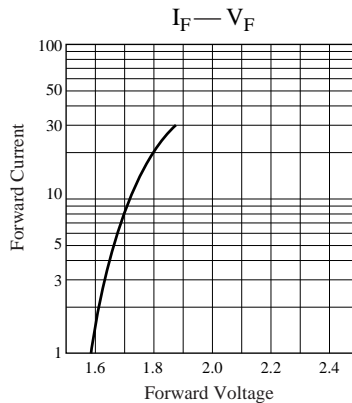
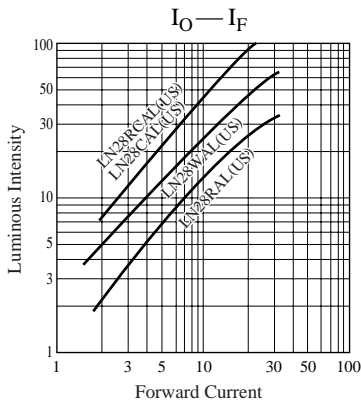
Lighting Color	P_D (mW)	I_F (mA)	I_{FP} (mA)*	V_R (V)	T_{opr} ($^\circ\text{C}$)	T_{stg} ($^\circ\text{C}$)
Red	70	30	150	3	-25 ~ +85	-30 ~ +100

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		λ_p	$\Delta\lambda$	I_F	I_R	
			Typ	Min		Typ	Max				Max	V_R
LN28RAL(US)	Red	Red Diffused	25	10	20	1.8	2.6	665	20	20	100	3
LN28RCAL(US)	Red	Red Clear	85	—	20	1.8	2.6	665	20	20	100	3
LN28WAL(US)	Red	White Diffused	50	—	20	1.8	2.6	665	20	20	100	3
LN28CAL(US)	Red	Clear	85	30	20	1.8	2.6	665	20	20	100	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.

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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