

Ultra Hight Bright Surface Mounting Chip LED

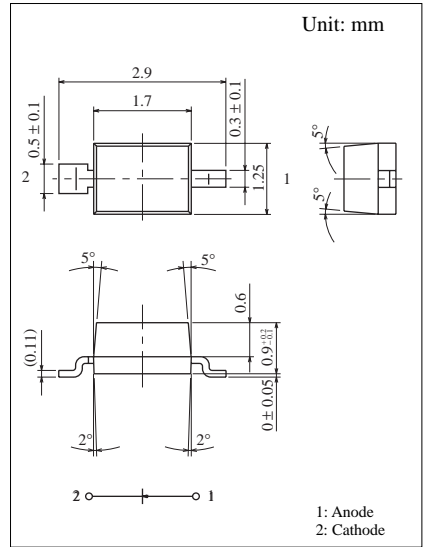
InGaAlP S-GW Type

Conventional Part No. Global Part No. Lighting Color
 LNJ406K54RW LNJ406K54RW Amber
 LNJ806R58RW LNJ806R58RW Orange

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

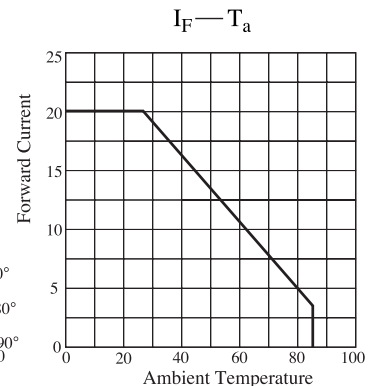
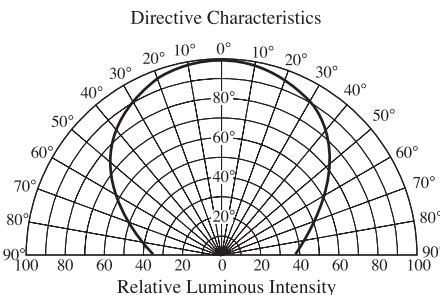
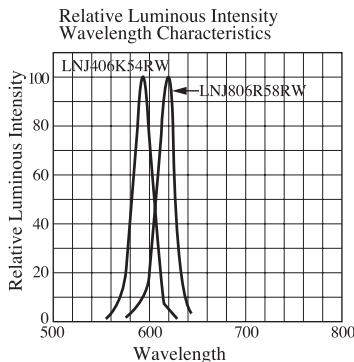
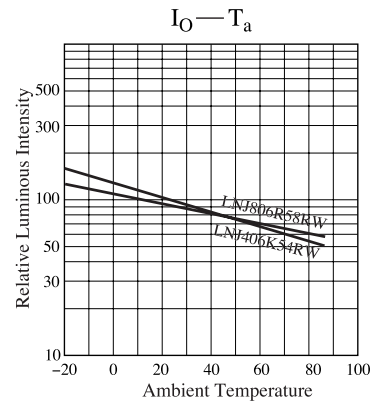
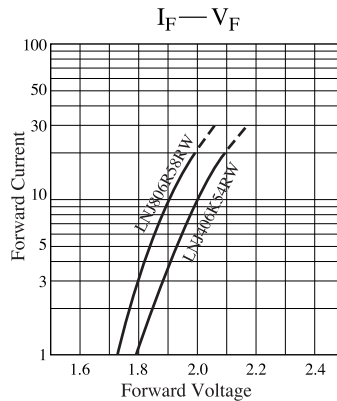
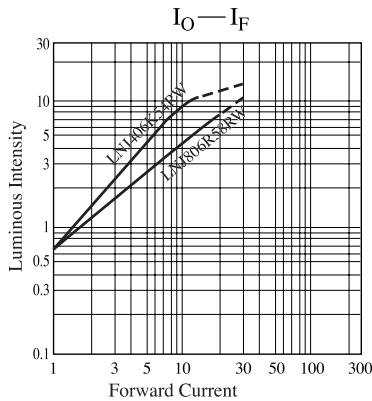
Lighting Color	P_D (mW)	I_F (mA)	I_{FP} (mA)*	V_R (V)	T_{opr} ($^\circ\text{C}$)	T_{stg} ($^\circ\text{C}$)
Amber	50	20	60	4	-25 ~ +85	-30 ~ +100
Orange	50	20	60	4	-25 ~ +85	-30 ~ +100

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			V_F		λ_P	$\Delta\lambda$	I_F	I_R	
			Typ	Min	I_F	Typ	Max	Typ	Typ		Max	V_R
LNJ406K54RW	Amber	Yellow Diffused	8.5	3.5	10	2.0	2.3	595	15	10	100	4
LNJ806R58RW	Orange	Red Diffused	5.0	2.0	10	1.9	2.3	620	17	10	100	4
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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