

Surface Mounting Chip LED

SS Type

Conventional Part No.	Global Part No.	Lighting Color
LNJ208R8ARA	LNJ208R8ARA	Red
LNJ308G8LRA	LNJ308G8LRA	Green
LNJ308G8TRA	LNJ308G8TRA	Green
LNJ408K8YRA	LNJ408K8YRA	Amber
LNJ408K8ZRA	LNJ408K8ZRA	Amber
LNJ808R8ERA	LNJ808R8ERA	Orange
LNJ808K8SRA	LNJ808K8SRA	Soft Orange

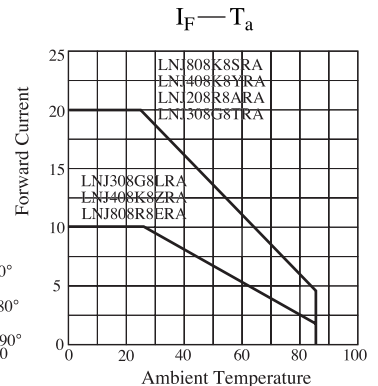
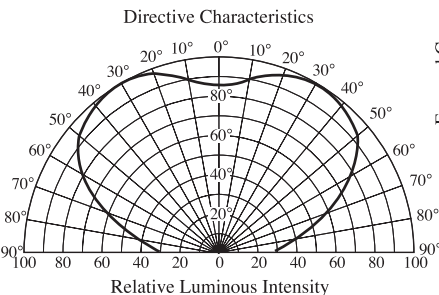
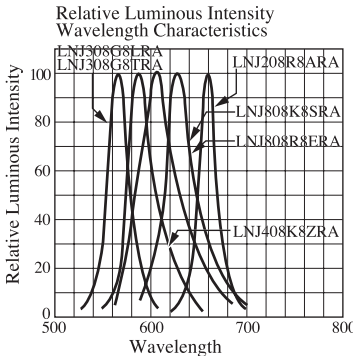
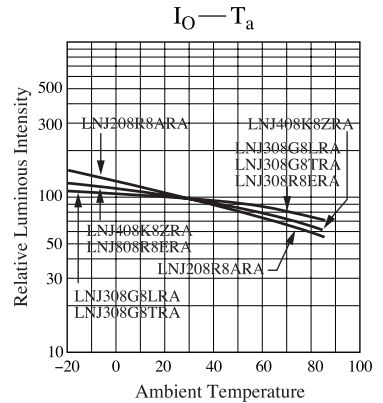
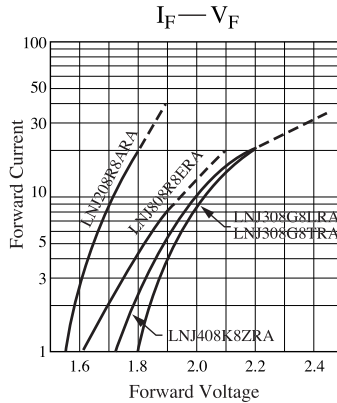
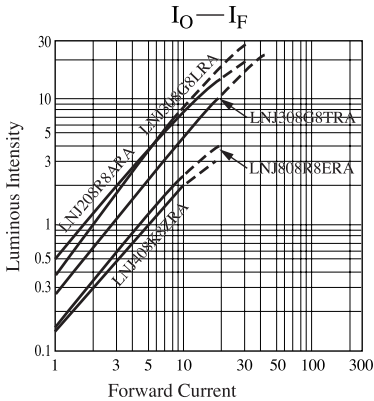
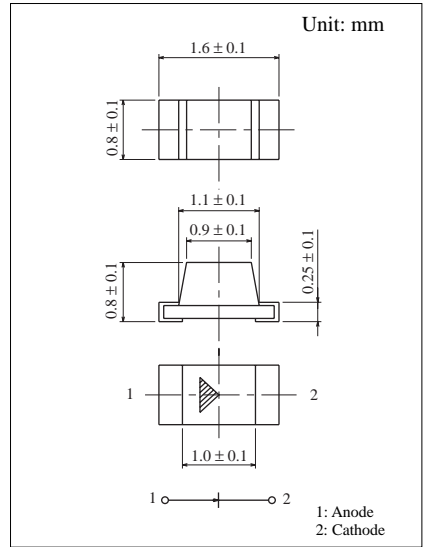
■ Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

Lighting Color	P_D (mW)	I_F (mA)	I_{FP} (mA) ^a	V_R (V)	T_{opr} ($^\circ\text{C}$)	T_{stg} ($^\circ\text{C}$)
Red	50	20	100	3	-30 ~ +85	-40 ~ +100
Green	30	10	50	4	-30 ~ +85	-40 ~ +100
Green	50	20	100	4	-30 ~ +85	-40 ~ +100
Amber	50	20	100	4	-30 ~ +85	-40 ~ +100
Amber	30	10	50	4	-30 ~ +85	-40 ~ +100
Orange	30	10	50	3	-30 ~ +85	-40 ~ +100
Soft Orange	50	20	100	3	-30 ~ +85	-40 ~ +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				Max	V_R
LNJ208R8ARA	Red	Red Diffused	6.7	2.2	10	1.72	2.5	660	20	10	100	3
LNJ308G8LRA	Green	Green Diffused	3.0	1.5	5	1.9	2.4	565	30	5	10	4
LNJ308G8TRA	Green	Green Diffused	5.0	1.8	10	2.03	2.6	565	30	10	10	4
LNJ408K8YRA	Amber	Yellow Diffused	1.5	0.6	10	2.0	2.6	590	30	10	10	4
LNJ408K8ZRA	Amber	Yellow Diffused	0.9	0.4	5	1.9	2.4	590	30	5	10	4
LNJ808R8ERA	Orange	Orange Diffused	1.1	0.4	5	1.8	2.4	630	40	5	10	3
LNJ808K8SRA	Soft Orange	Yellow Diffused	1.0	0.4	10	1.93	2.6	610	40	10	10	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.

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