

# Surface Mounting Chip LED

## SS Type

Global Part No.	Conventional Part No.	Lighting Color
LNJ208R8ARA	LNJ208R8ARA	Red
LNJ208R8RRA	LNJ208R8RRA	Red
LNJ308G8LRA	LNJ308G8LRA	Green
LNJ308G8TRA	LNJ308G8TRA	Green
LNJ408K8YRA	LNJ408K8YRA	Amber
LNJ408K8ZRA	LNJ408K8ZRA	Amber
LNJ808R8ERA	LNJ808R8ERA	Orange
LNJ808K8SRA	LNJ808K8SRA	Soft Orange

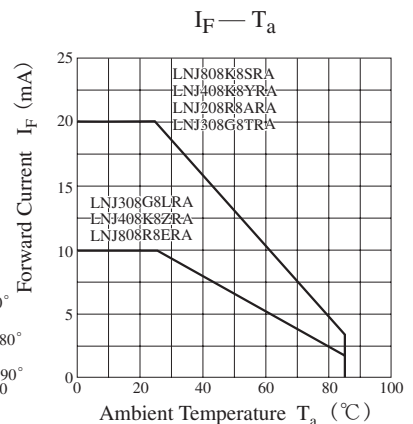
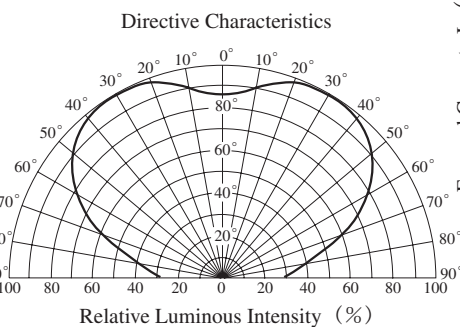
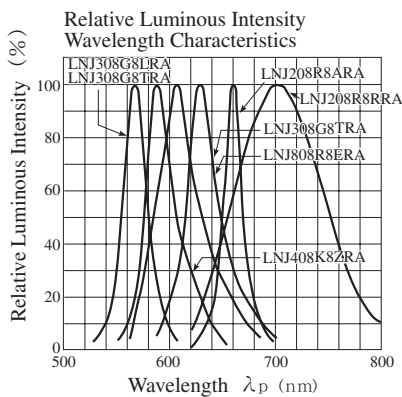
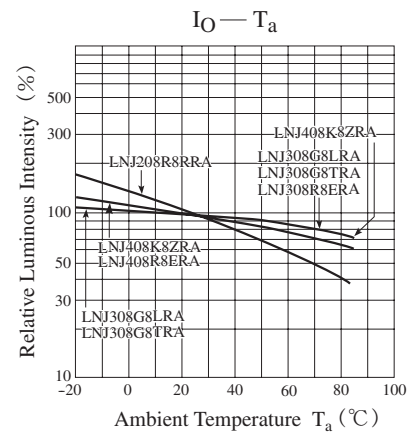
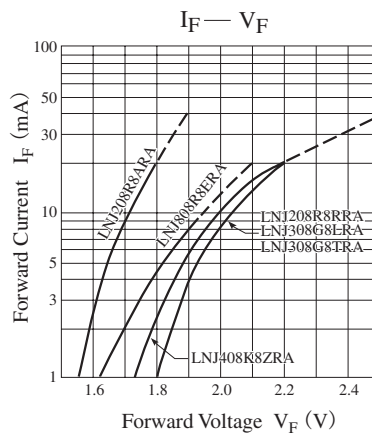
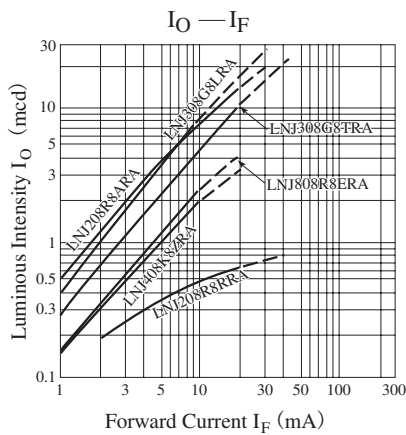
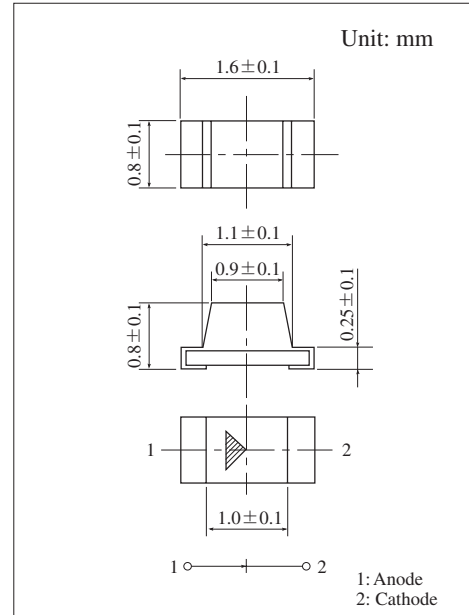
### Absolute Maximum Ratings ( $T_a=25^\circ\text{C}$ )

Lighting Color	P(mW)	$I_{\text{FDC}}$ (mA)	$I_{\text{FP}}$ (mA)*	$V_{\text{R}}$ (V)	$T_{\text{opr}}$ ( $^\circ\text{C}$ )	$T_{\text{stg}}$ ( $^\circ\text{C}$ )
Red	50	20	100	3	-30~+85	-40~+100
Red	50	20	100	4	-25~+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

\*The condition of  $I_{\text{pp}}$  is 10%, Pulse width 1 msec.

### Electro-Optical Characteristics ( $T_a=25^\circ\text{C}$ )

Global Part No.	Lighting Color	Lens Color	$I_{\text{O}}$		$I_{\text{F}}$	$V_{\text{F}}$		$\lambda_{\text{p}}$	$\Delta\lambda$	$I_{\text{F}}$	$I_{\text{R}}$	
			Typ	Min		Typ	Max				Max	$V_{\text{R}}$
LNJ208R8ARA	Red	Red Diffused	6.7	2.2	10	1.72	2.5	660	20	10	100	3
LNJ208R8RRA	Red	Red Diffused	0.45	0.2	10	2.03	2.6	700	100	10	10	4
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	Amber Diffused	1.5	0.6	10	2.0	2.6	590	30	10	10	4
LNJ408K8ZRA	Amber	Amber 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	$\mu\text{A}$	V



# Caution for Safety

 **DANGER**

## ■ This product contains Gallium Arsenide (GaAs).

GaAs powder and vapor are hazardous to human health if inhaled or ingested. Do not burn, destroy, cut, cleave off, or chemically dissolve the product. Follow related laws and ordinances for disposal. The product should be excluded from general industrial waste or household garbage.

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- (3) We are not liable for the infringement of rights owned by a third party arising out of the use of the technical information as described in this material.
- (4) The products described in this material are intended to be used for standard applications or general electronic equipment (such as office equipment, communications equipment, measuring instruments and household appliances).  
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