

Surface Mounting Chip LED

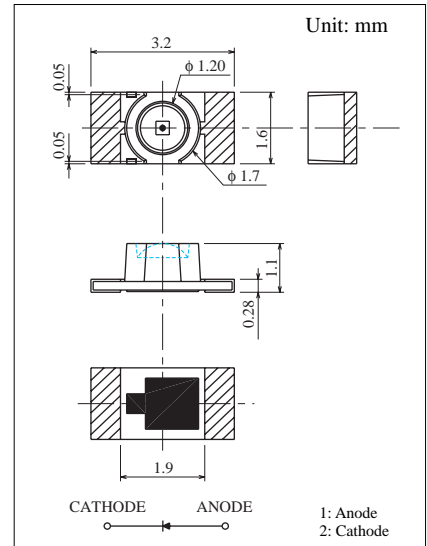
3216 with Micro – lens

Conventional Part No. Global Part No. Lighting Color
 LNJ216C8ARA LNJ216C8ARA Red
 LNJ316C8TRA LNJ316C8TRA Green
 LNJ416Q8YRA LNJ416Q8YRA Amber

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

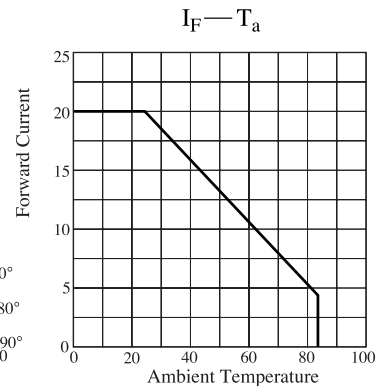
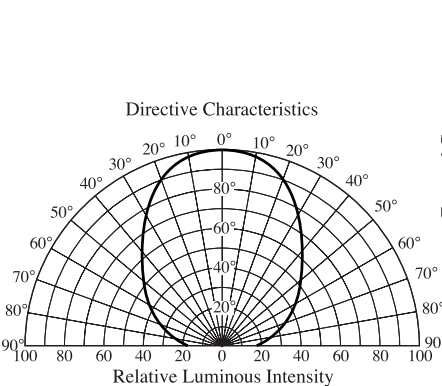
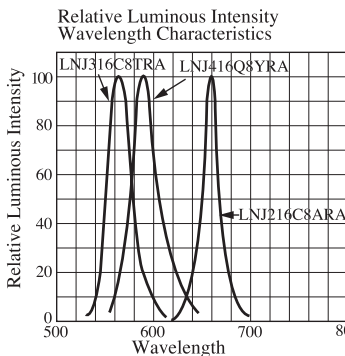
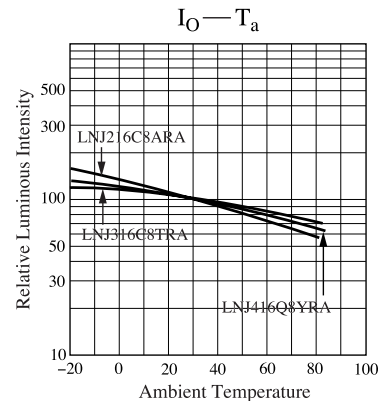
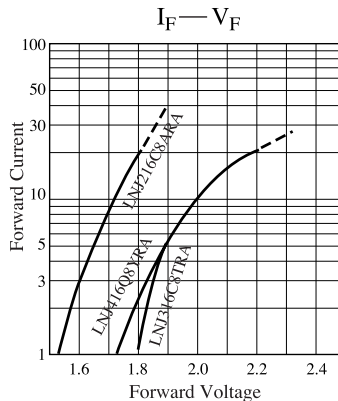
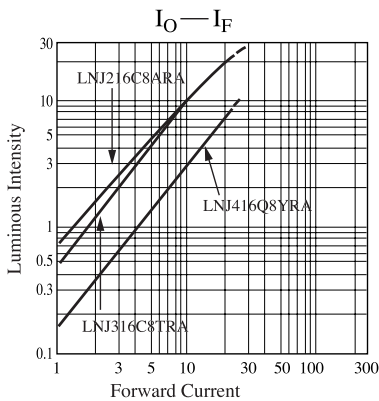
Lighting Color	P_D (mW)	I_F (mA)	I_{FP} (mA)*	V_R (V)	T_{opr} ($^\circ\text{C}$)	T_{stg} ($^\circ\text{C}$)
Red	60	20	100	3	-30 ~ +85	-40 ~ +100
Green	60	20	100	4	-30 ~ +85	-40 ~ +100
Amber	60	20	100	4	-30 ~ +85	-40 ~ +100

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		I_F	V_F		λ_p	$\Delta\lambda$	I_F	I_R	
			Typ	Min		Typ	Max				Max	V_R
LNJ216C8ARA	Red	Red Diffused	10.5	4.0	10	1.72	2.5	660	20	10	100	3
LNJ316C8TRA	Green	Green Diffused	8.8	3.3	10	2.03	2.6	565	30	10	10	4
LNJ416Q8YRA	Amber	Yellow Diffused	3.3	1.2	10	2.0	2.6	590	30	10	10	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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