

Surface Mounting Chip LED

3216 with Micro - lens

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

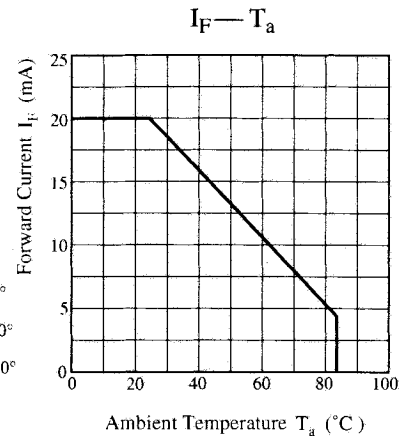
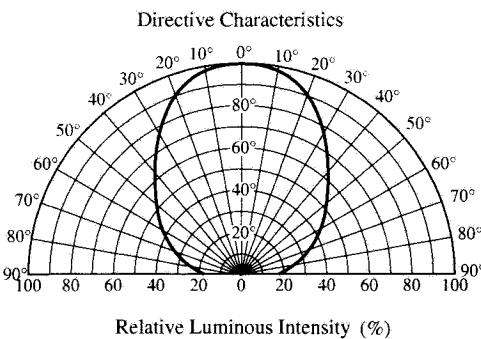
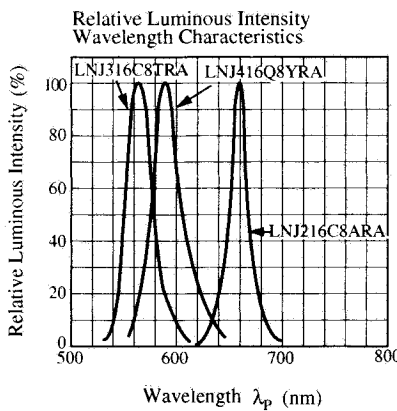
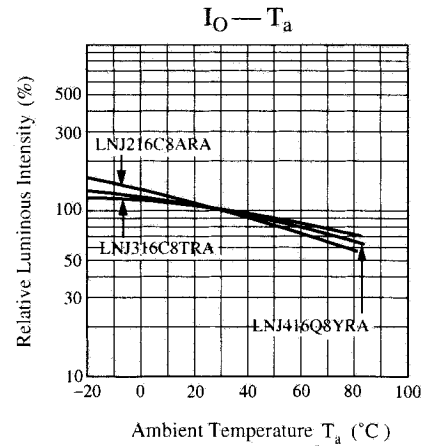
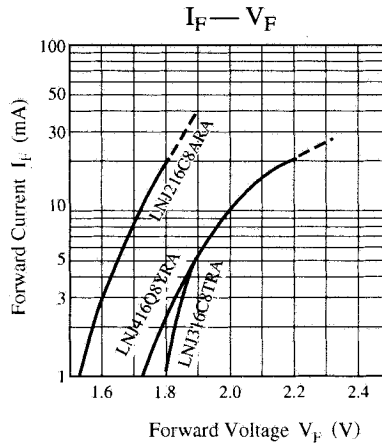
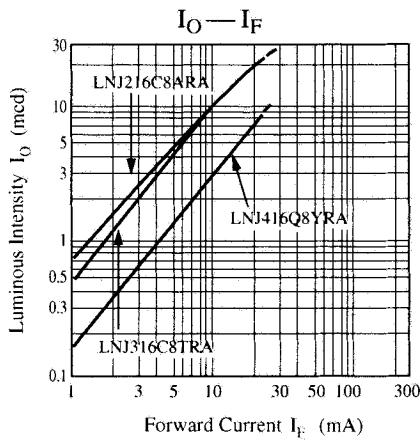
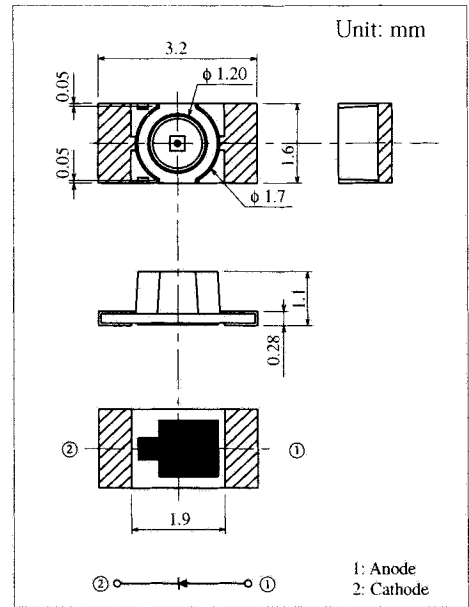
Absolute Maximum Ratings (T_a = 25°C)

Lighting Color	P _D (mW)	I _F (mA)	I _{FP} (mA)*	V _R (V)	T _{opr} (°C)	T _{stg} (°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°C)

Global Part No.	Lighting Color	Lens Color	I _O		I _F	V _F		λ _p	Δλ	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**

■ 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.

Request for your special attention and precautions in using the technical information and semiconductors described in this material

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