

Surface Mounting Chip LED

GW Type

Global Part No.	Conventional Part No.	Lighting Color
LN1261CTR	LN1261C - (TR)	Red
LN1361CTR	LN1361C - (TR)	Green
LN1461CTR	LN1461C - (TR)	Amber
LN1861CTR	LN1861C - (TR)	Orange

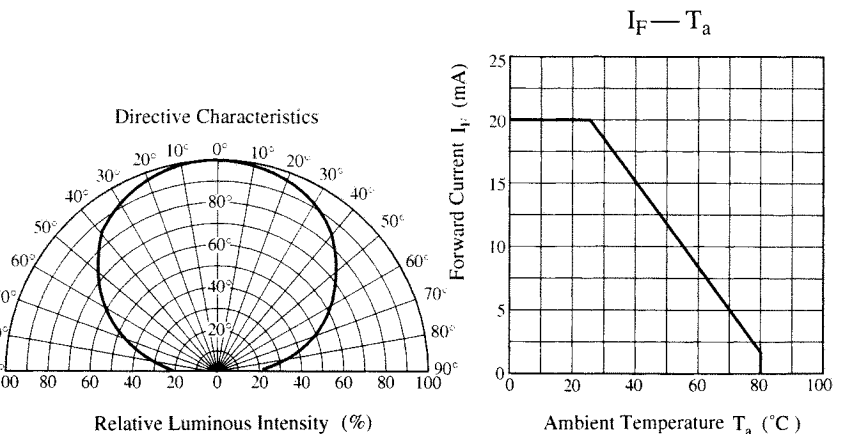
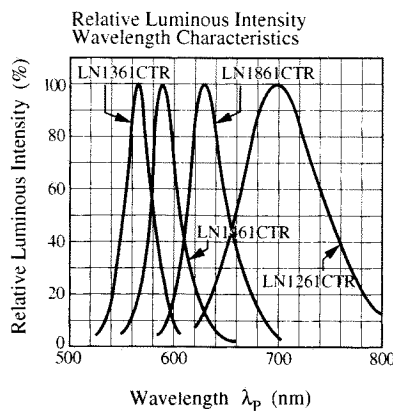
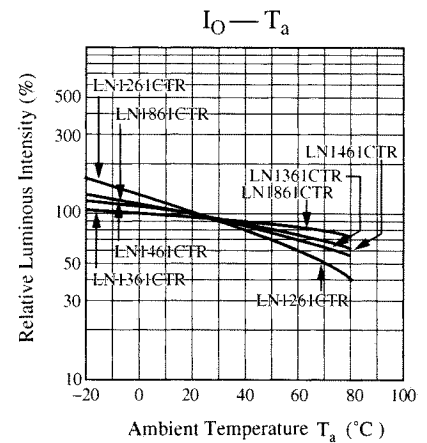
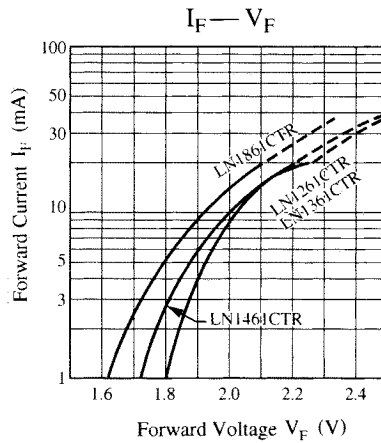
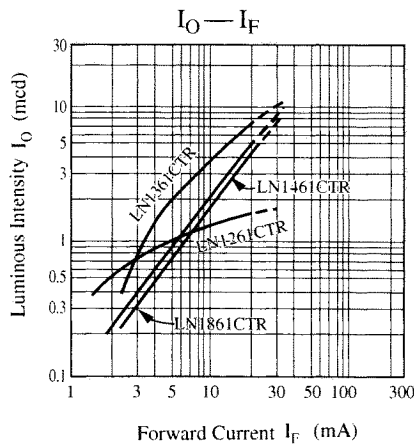
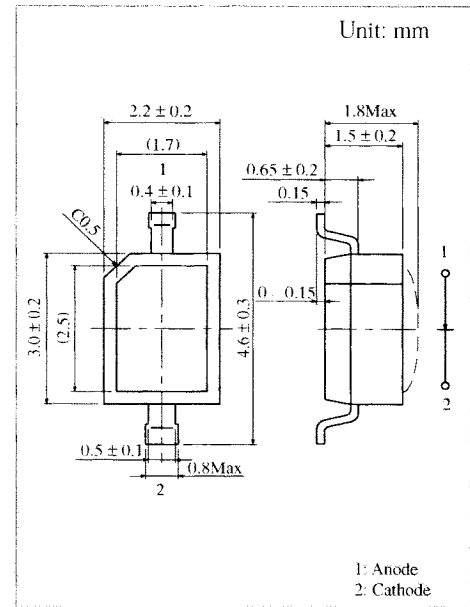
■ Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

Lighting Color	P_D (mW)	I_F (mA)	I_{FP} (mA)*	V_R (V)	T_{opr} ($^\circ\text{C}$)	T_{stg} ($^\circ\text{C}$)
Red	60	20	60	4	-25 ~ +80	-30 ~ +85
Green	60	20	60	4	-25 ~ +80	-30 ~ +85
Amber	60	20	60	4	-25 ~ +80	-30 ~ +85
Orange	60	20	60	3	-25 ~ +80	-30 ~ +85

* Pulse width 1 msec. The condition of I_{FP} is duty 10%. Pulse width 1 msec

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

Global Part No.	Lighting Color	Lens Color	I_O			V_F		λ_P	$\Delta\lambda$	I_F	I_R		V_R
			Typ	Min	I_F	Typ	Max				Max	V_R	
LN1261CTR	Red	Clear	1.4	0.5	15	2.2	2.8	700	100	20	10	4	
LN1361CTR	Green	Clear	7.5	2.8	20	2.2	2.8	565	30	20	10	4	
LN1461CTR	Amber	Clear	4.5	1.6	20	2.2	2.8	590	30	20	10	4	
LN1861CTR	Orange	Clear	5.0	1.9	20	2.1	2.8	630	40	20	10	3	
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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