

Square Type

□ 1.0 mm × 4.0 mm Series

Conventional Part No.	Global Part No.	Lighting Color
LN233RP	LNG233RDR	Red
LN333GP	LNG333GDG	Green
LN433YP	LNG433YDX	Amber
LN833WP	LNG833WDD	Orange

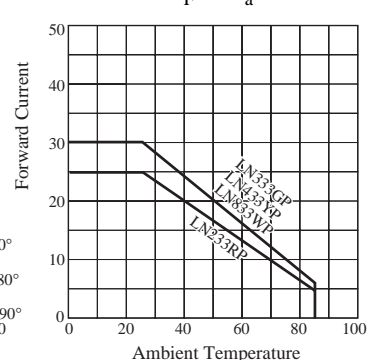
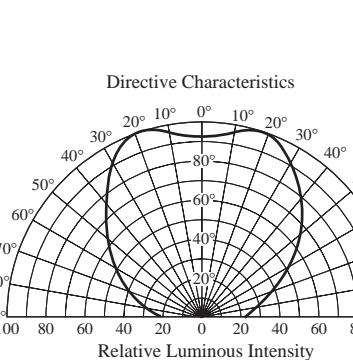
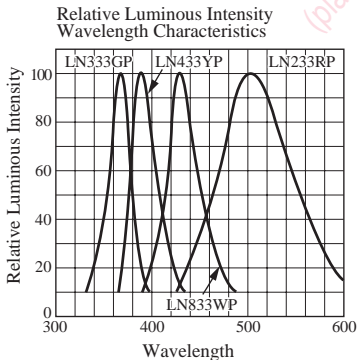
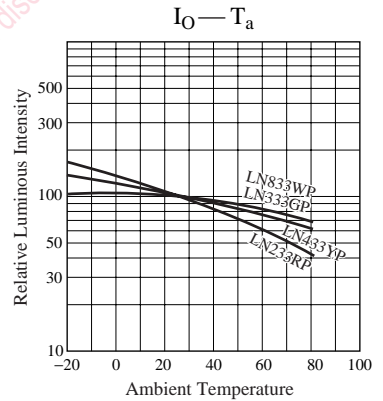
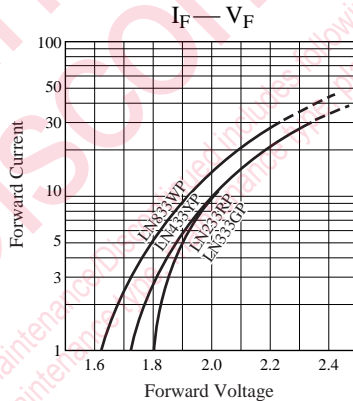
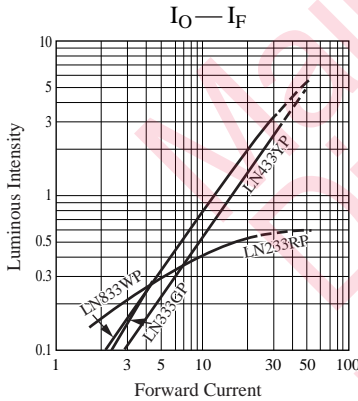
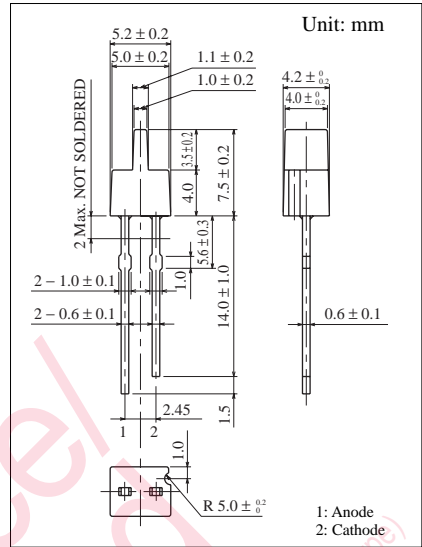
■ Absolute Maximum Ratings (T_a = 25°C)

Lighting Color	P _D (mW)	I _F (mA)	I _{FP} (mA) ^a	V _R (V)	T _{opr} (°C)	T _{stg} (°C)
Red	70	25	150	4	-25 ~ +85	-30 ~ +100
Green	90	30	150	4	-25 ~ +85	-30 ~ +100
Amber	90	30	150	4	-25 ~ +85	-30 ~ +100
Orange	90	30	150	3	-25 ~ +85	-30 ~ +100

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

■ Electro-Optical Characteristics (T_a = 25°C)

Conventional Part No.	Lighting Color	Lens Color	I _O			V _F		λ _p	Δλ	I _F	I _R	V _R
			Typ	Min	I _F	Typ	Max	Typ	Typ			
LN233RP	Red	Red Diffused	0.5	0.10	15	2.2	2.8	700	100	20	5	4
LN333GP	Green	Green Diffused	2.0	0.75	20	2.2	2.8	565	30	20	10	4
LN433YP	Amber	Amber Diffused	1.5	0.50	20	2.2	2.8	590	30	20	10	4
LN833WP	Orange	White Diffused	2.0	0.75	20	2.1	2.8	630	40	20	10	3
Unit	—	—	mcd	mcd	mA	V	V	nm	nm	mA	μA	V



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