

Square Type

1.75 mm × 7.0 mm Series

Conventional Part No.	Global Part No.	Lighting Color
LN220RPH	LNG220RFR	Red
LN320GPH	LNG320GFG	Green
LN420YPH	LNG420YFX	Amber
LN820RPH	LNG820RFD	Orange

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	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

I_{FP}の条件は duty 10% 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		I _F	V _F		λ _P	Δλ	I _F	I _R	
			Typ	Min		Typ	Max	Typ	Typ		Max	V _R
LN220RPH	Red	Red Diffused	0.4	0.15	15	2.2	2.8	700	100	20	5	4
LN320GPH	Green	Green Diffused	1.2	0.50	20	2.2	2.8	565	30	20	10	4
LN420YPH	Amber	Amber Diffused	1.5	0.50	20	2.2	2.8	590	30	20	10	4
LN820RPH	Orange	Red Diffused	1.5	0.60	20	2.1	2.8	630	40	20	10	3
Unit	—	—	mcd	mcd	mA	V	V	nm	nm	mA	μA	V

