

Square Type

□ 5.7 mm × 2.7 mm Series

Conventional Part No.	Global Part No.	Lighting Color
LN249RPH	LNG249RFR	Red
LN349GPH	LNG349GFG	Green
LN449YPH	LNG449YFX	Amber
LN849RPH	LNG849RFD	Orange

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

Lighting Color	$P_D(\text{mW})$	$I_F(\text{mA})$	$I_{FP}(\text{mA})^*$	$V_R(\text{V})$	$T_{opr}(^\circ\text{C})$	$T_{stg}(^\circ\text{C})$
Red	70	25	150	4	$-25 \sim +85$	$-30 \sim +100$
Green	90	30	150	4	$-25 \sim +85$	$-30 \sim +100$
Amber	90	30	150	4	$-25 \sim +85$	$-30 \sim +100$
Orange	90	30	150	3	$-25 \sim +85$	$-30 \sim +100$

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 ($T_a = 25^\circ\text{C}$)

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	Typ	Typ		Max	V_R
LN249RPH	Red	Red Diffused	0.4	0.15	15	2.2	2.8	700	100	20	5	4
LN349GPH	Green	Green Diffused	1.0	0.40	20	2.2	2.8	565	30	20	10	4
LN449YPH	Amber	Amber Diffused	2.0	0.75	20	2.2	2.8	590	30	20	10	4
LN849RPH	Orange	Red 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

