Square Type

\square 5.0 mm \times 2.0 mm Series

Conventional Part No.	Global Prat No.	Lighting Color
LN248RPH	LNG248RFR	····· Red
LN348GPH	LNG348GFG	····· Green
LN448YPH	LNG448YFX	····· Amber
LN848WPH	LNG848WFD	····· Orange

■ Absolute Maximum Ratings (T_a = 25°C)

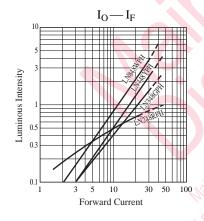
Lighting Color	P _D (mW)	I _F (mA)	I _{FP} (mA)*	$V_R(V)$	T _{opr} (°C)	T _{stg} (°C)
Red	70	25	150	4	−25 ~ +85	-30 ~ +100
Green	90	30	150	4	-25 ~ +85	-30 ~ +100
Amber	90	30	150	4	-25 ~ +85	-30 ~ +100
Orange	90	30	150	3	−25 ~ +85	$-30 \sim +100$

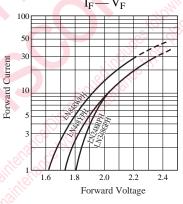
Pulse width 1 msec. The condition of $I_{\mbox{\scriptsize FP}}$ is duty 10%, Pulse width 1 msec

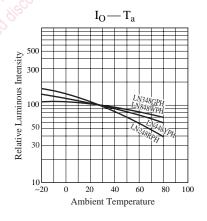
Unit: mm 4.0±0.2 3.4±0.2 2.72±0.2 2.72±0.2 2.0±

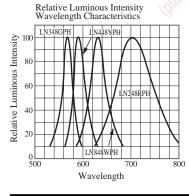
■ Electro–Optical Characteristics (T_a = 25°C)

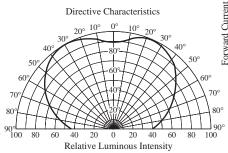
Conventional	Lighting	Lens Color	I _O			V_{F}		λ_{P}	Δλ	\$ 130°	Stall till IR	
Part No.	Color	Lens color	Тур	Min	I _F	Тур	Max	Тур	Тур	S IF	Max	V_R
LN248RPH	Red	Red Diffused	0.6	0.25	15	2.2	2.8	700	100	20	5	4
LN348GPH	Green	Green Diffused	1.0	0.40	20	2.2	2.8	565	30	20	10	4
LN448YPH	Amber	Amber Diffused	1.5	0.60	20	2.2	2.8	590	30	20	10	4
LN848WPH	Orange	White Diffused	2.5	0.90	20	2.1	2.8	630	40	20	10	3
Unit		_	mcd	mcd	mA	V	V.	nm	nm	mA	uА	V

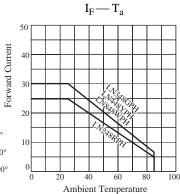












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