Square Type

\square 5.0 mm \times 5.0 mm Series

Conventional Part No.	Global Prat No.	Lighting Color
LN250RPH	··· LNG250RFR ··	····· Red
LN350GPH	··· LNG350GFG ··	····· Green
LN450YPH	··· LNG450YFX ··	····· Amber
LN850RPH	··· LNG850RFD ··	····· Orange

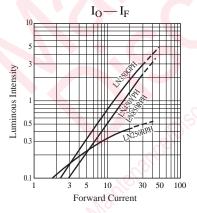
■ Absolute Maximum Ratings (T_a = 25°C)

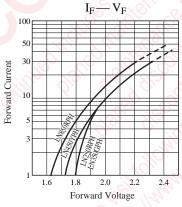
Lighting Color	P _D (mW)	I _F (mA)	I _{FP} (mA)*	$V_R(V) \mid T_{opr}(^{\circ}C)$		T _{stg} (°C)	
Red	70	25	150	4	−25 ~ +85	-30 ~ +100	
Green	90	30	150	4	-25 ~ +85	−30 ~ +100	
Amber	90	30	150	4	−25 ~ +85	-30 ~ +100	
Orange	90	30	150	3	-25 ~ +85	-30 ~ +100	

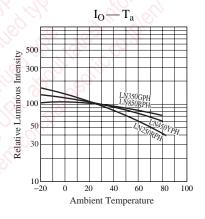
Pulse width 1 msec. The condition of I_{FP} is duty 10%, Pulse width 1 msec

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

Conventional	Lighting	Lens Color	I,	0		V	'F	λ_{P}	Δλ		l,	٦
Part No.	Color	Long Color	Тур	Min	I _F	Тур	Max	Тур	Тур	I _F	Max	V_R
LN250RPH	Red	Red Diffused	0.4	0.15	15	2.2	2.8	700	100	20	5	4
LN350GPH	Green	Green Diffused	2.0	0.75	20	2.2	2.8	565	30	20	10	4
LN450YPH	Amber	Amber Diffused	1.5	0.60	20	2.2	2.8	590	30	20	10	4
LN850RPH	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



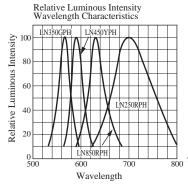


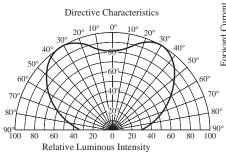


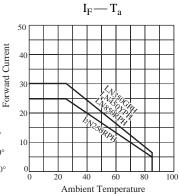
Unit: mm

1: Anode 2: Cathode

2.0 Max. NOT SOLDERED







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