

# Square Type

## □ 5.0 mm × 2.0 mm Series

Conventional Part No.	Global Part No.	Lighting Color
LN242RP	LNG242RDR	Red
LN342GP	LNG342GDG	Green
LN442YP	LNG442YDX	Amber
LN842RP	LNG842RDD	Orange

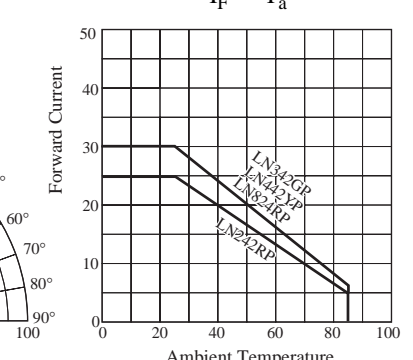
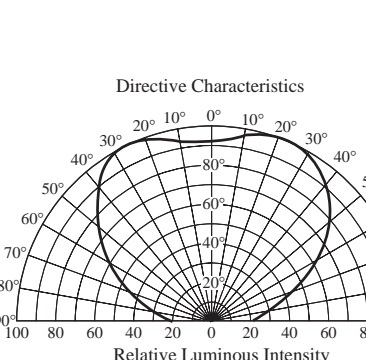
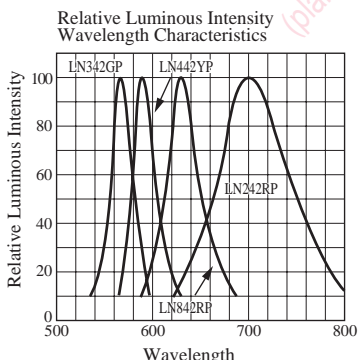
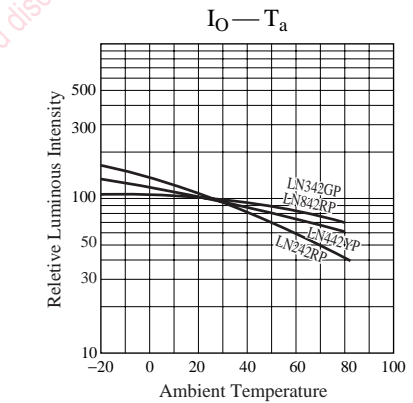
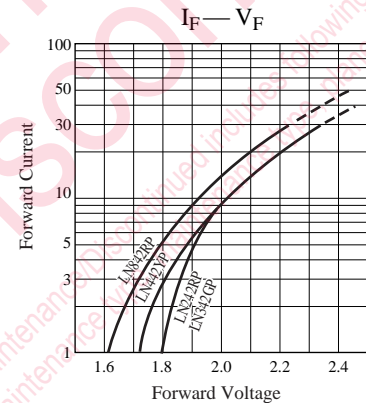
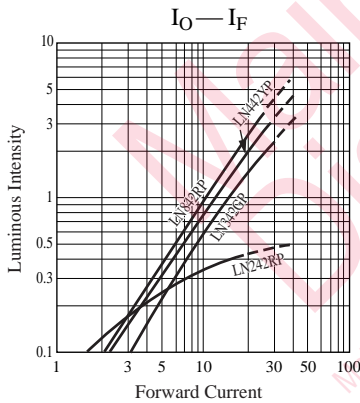
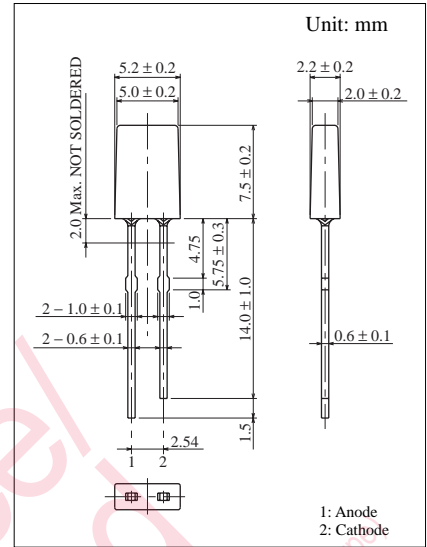
### ■ Absolute Maximum Ratings ( $T_a = 25^\circ\text{C}$ )

Lighting Color	$P_D$ (mW)	$I_F$ (mA)	$I_{FP}$ (mA)*	$V_R$ (V)	$T_{opr}$ ( $^\circ\text{C}$ )	$T_{stg}$ ( $^\circ\text{C}$ )
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 ( $T_a = 25^\circ\text{C}$ )

Conventional Part No.	Lighting Color	Lens Color	$I_O$			$V_F$		$\lambda_p$	$\Delta\lambda$	$I_F$	$I_R$	$V_R$
			Typ	Min	$I_F$	Typ	Max					
LN242RP	Red	Red Diffused	0.4	0.15	15	2.2	2.8	700	100	20	5	4
LN342GP	Green	Green Diffused	1.5	0.55	20	2.2	2.8	565	30	20	10	4
LN442YP	Amber	Amber Diffused	2.0	0.75	20	2.2	2.8	590	30	20	10	4
LN842RP	Orange	Red Diffused	2.5	1.00	20	2.1	2.8	630	40	20	10	3
Unit	—	—	mcd	mcd	mA	V	V	nm	nm	mA	$\mu\text{A}$	V



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