

Square Type

□ 5.0 mm × 5.0 mm Series

Conventional Part No.	Global Part No.	Lighting Color
LN250RP	LNG250RDR	Red
LN350GP	LNG350GDG	Green
LN450YP	LNG450YDX	Amber
LN850RP	LNG850RDD	Orange

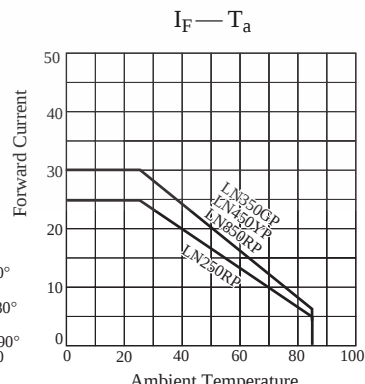
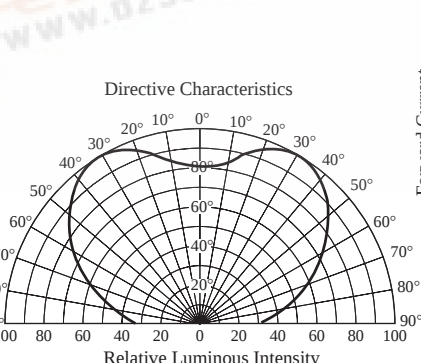
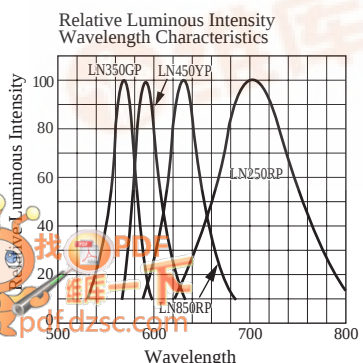
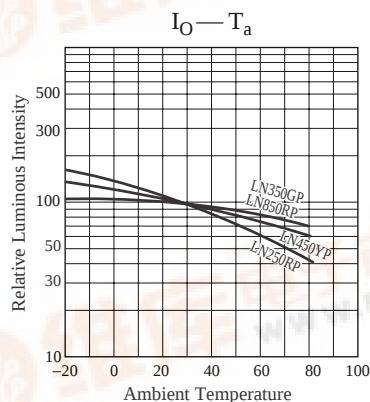
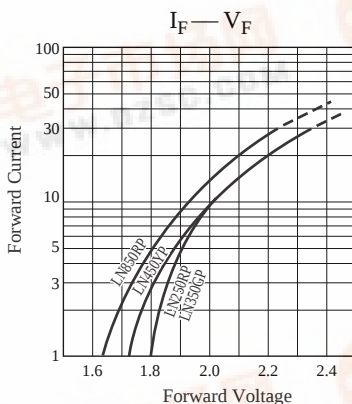
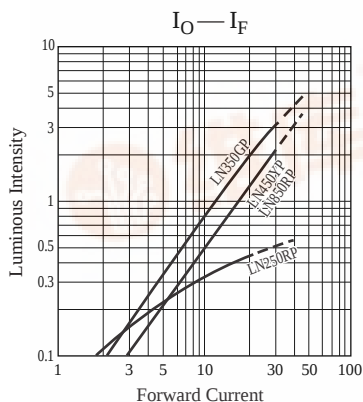
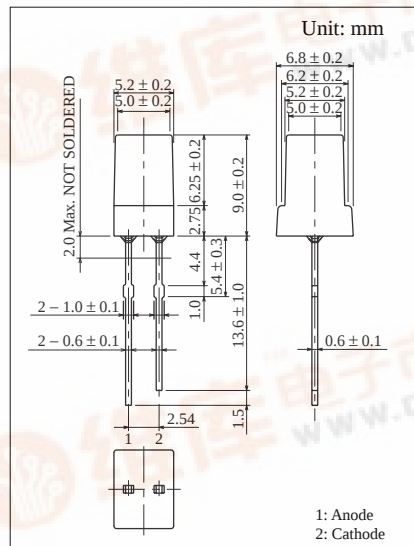
■ Absolute Maximum Ratings ($T_a = 25^{\circ}\text{C}$)

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	$-25 \sim +85$	$-30 \sim +100$

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
LN250RP	Red	Red Diffused	0.4	0.15	15	2.2	2.8	700	100	20	5	4
LN350GP	Green	Green Diffused	2.0	0.75	20	2.2	2.8	565	30	20	10	4
LN450YP	Amber	Amber Diffused	1.5	0.60	20	2.2	2.8	590	30	20	10	4
LN850RP	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



Caution for Safety

 **DANGER**

Gallium arsenide material (GaAs) is used in this product.

Therefore, do not burn, destroy, cut, crush, or chemically decompose the product, since gallium arsenide material in powder or vapor form is harmful to human health.

Observe the relevant laws and regulations when disposing of the products. Do not mix them with ordinary industrial waste or household refuse when disposing of GaAs-containing products.

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