

Square Type

□ 4.0 mm × 4.0 mm Series

Conventional Part No.	Global Part No.	Lighting Color
LN252RP	LNG252RDR	Red
LN352GP	LNG352GDG	Green
LN452YP	LNG452YDX	Amber

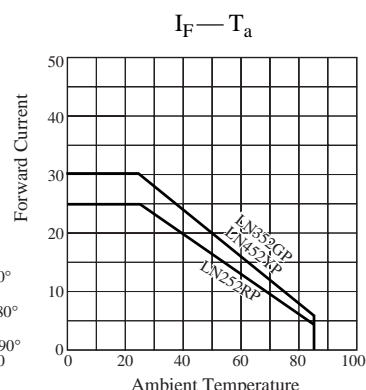
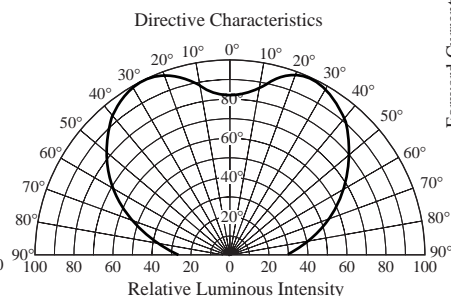
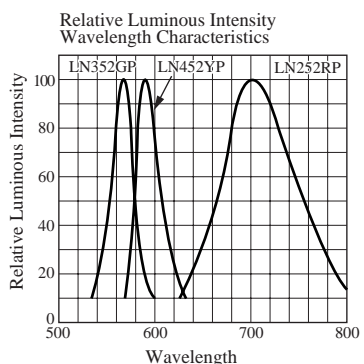
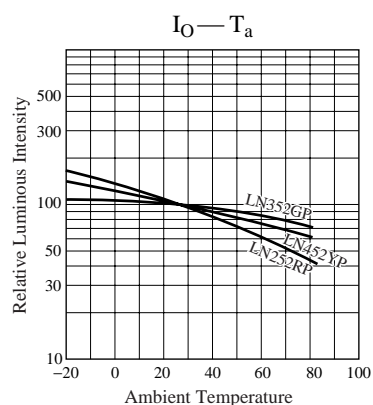
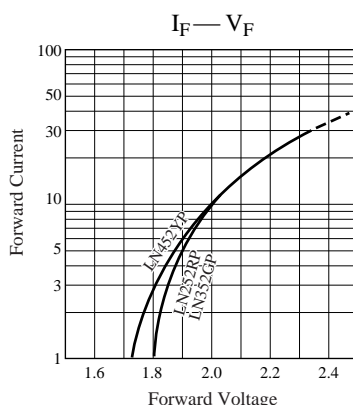
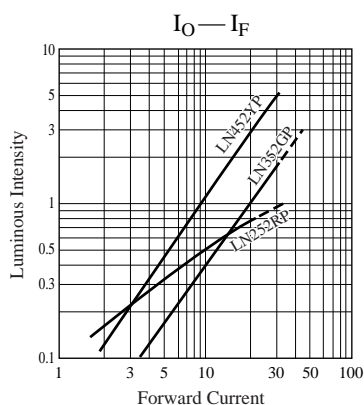
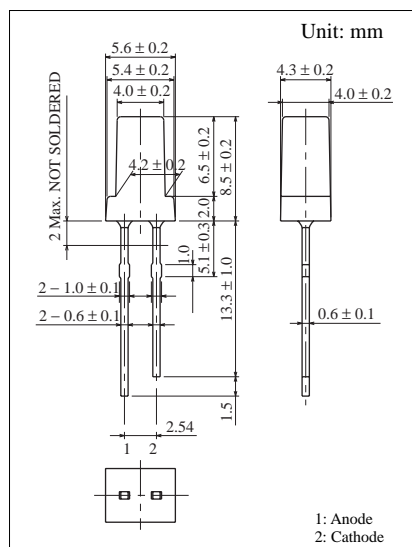
■ Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

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

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
LN252RP	Red	Red Diffused	0.6	0.25	15	2.2	2.8	700	100	20	5	4
LN352GP	Green	Green Diffused	1.0	0.40	20	2.2	2.8	565	30	20	10	4
LN452YP	Amber	Amber Diffused	3.0	1.00	20	2.2	2.8	590	30	20	10	4
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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