## Square Type

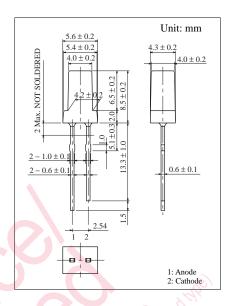
### $\square$ 4.0 mm $\times$ 4.0 mm Series

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

#### ■ Absolute Maximum Ratings (T<sub>a</sub> = 25°C)

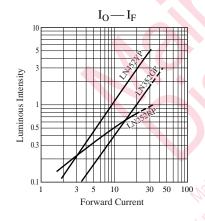
Lighting Color	P <sub>D</sub> (mW)	I <sub>F</sub> (mA)	I <sub>FP</sub> (mA)*	V <sub>R</sub> (V)	T <sub>opr</sub> (°C)	T <sub>stg</sub> (°C)
Red	70	25	150	4	<b>−25</b> ~ <b>+85</b>	-30 ~ +100
Green	90	30	150	4	-25 ~ +85	-30 ~ +100
Amber	90	30	150	4	<b>−25</b> ~ <b>+85</b>	$-30 \sim +100$

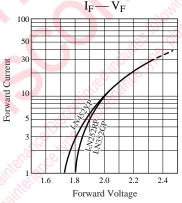
Pulse width 1 msec. The condition of  $I_{\text{FP}}$  is duty 10%, Pulse width 1 msec

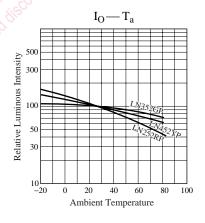


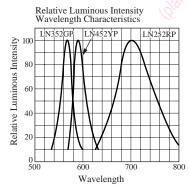
#### ■ Electro–Optical Characteristics $(T_a = 25^{\circ}C)$

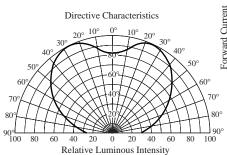
Conventional	Lighting	Lens Color	Io			$V_{F}$		$\lambda_{P}$	Δλ	sign I <sub>R</sub>		R
Part No.	Color	Lens Color	Тур	Min	$I_{F}$	Тур	Max	Тур	Тур	I <sub>F</sub>	Max	$V_R$
LN252RP	Red	Red Diffused	0.6	0.25	15	2.2	2.8	700	100	20	5	4
LN352GP	Green	Green Diffused	1.0	0.40	20	2.2	2.8	565	30	20	10	4
LN452YP	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	μΑ	V

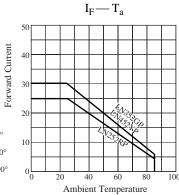












202 Panasonic

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