

# Round Type

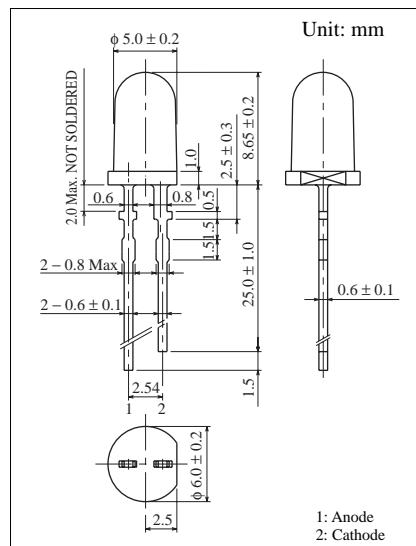
## Ø 5.0 mm Series

Conventional Part No.	Global Part No.	Lighting Color
LN31GPH	LNG301GFG	Green
LN31YPH	LNG301YFG	Green
LN31GCPH	LNG301MFG	Green
LN31YCPH	LNG301NFG	Green

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

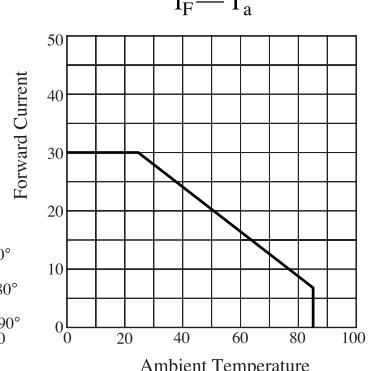
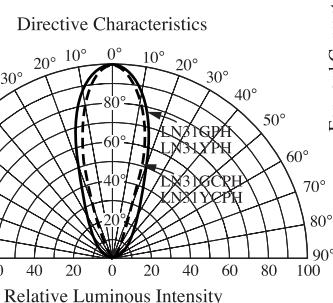
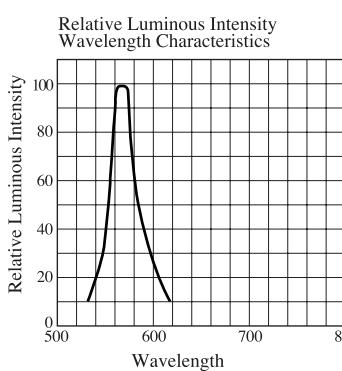
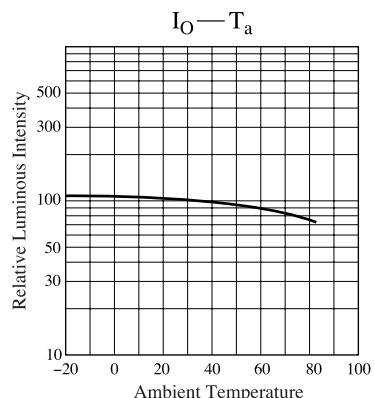
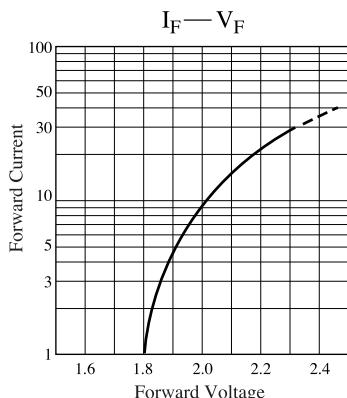
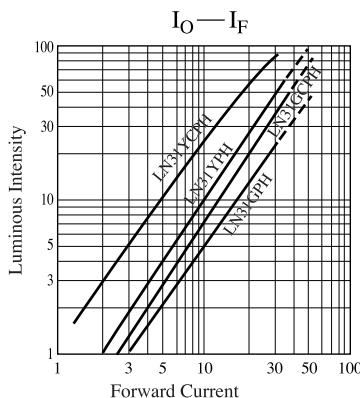
Lighting Color	$P_D(\text{mW})$	$I_F(\text{mA})$	$I_{FP}(\text{mA})^*$	$V_R(\text{V})$	$T_{opr}(\text{°C})$	$T_{stg}(\text{°C})$
Green	90	30	150	4	-25 ~ +80	-30 ~ +100

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	Typ				
LN31GPH	Green	Green Diffused	15.0	3.0	20	2.2	2.8	565	30	20	10	4
LN31YPH	Green	Yellow Diffused	25.0	10.0	20	2.2	2.8	568	30	20	10	4
LN31GCPH	Green	Green Clear	20.0	7.5	20	2.2	2.8	565	30	20	10	4
LN31YCPH	Green	Yellow Clear	56.0	22.0	20	2.2	2.8	563	30	20	10	4
Unit	—	—	mcd	mcd	mA	V	V	nm	nm	mA	µA	V



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