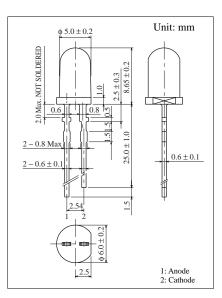
\$\$ 5.0 mm Series

Conventional Part No.	Global Prat No.	Lighting Color
LN81RPH	···· LNG801RFD ····	······ Orange
LN81RCPH ·······	···· LNG801LFD ····	······ Orange
LN81WPH ······	···· LNG801WFD ···	······ Orange
LN81CPH	···· LNG801CFD ····	······ Orange

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

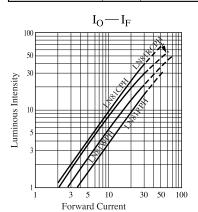
Lighting Color	P _D (mW)	l _F (mA)	I _{FP} (mA)*	$V_{R}(V)$	T _{opr} (°C)	T _{stg} (°C)
Orange	90	30	150	3	-25 ~ +85	$-30 \sim +100$

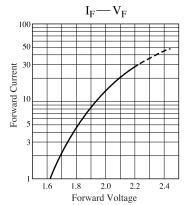
Pulse width 1 msec. The condition of $I_{\rm FP}$ is duty 10%, Pulse width 1 msec

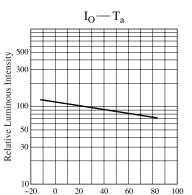


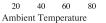
Electro–Optical Characteristics ($T_a = 25^{\circ}C$)

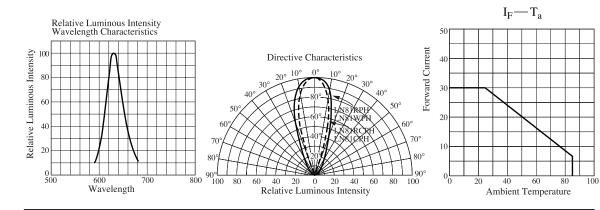
Conventional	Lighting	Lens Color	l _o			V _F		λ _P	Δλ]	I _R	
Part No.	Color		Тур	Min	I _F	Тур	Max	Тур	Тур	I _F	Max	V_{R}
LN81RPH	Orange	Red Diffused	10.0	5.0	20	2.1	2.8	630	40	20	10	3
LN81RCPH	Orange	Red Clear	20.0	8.0	20	2.1	2.8	630	40	20	10	3
LN81WPH	Orange	White Diffused	15.0	6.0	20	2.1	2.8	630	40	20	10	3
LN81CPH	Orange	Clear	25.0	10.0	20	2.1	2.8	630	40	20	10	3
Unit			mcd	mcd	mA	V	V	nm	nm	mA	μΑ	V











▲ Caution for Safety



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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Even when the products are used within the guaranteed values, redundant design is recommended, so that such equipment may not violate relevant laws or regulations because of the function of our products.

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