Round Type

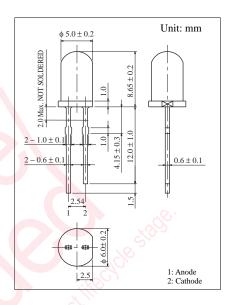
φ 5.0 mm Series

Conventional Part No.	Global Prat No.	Lighting Color
LN81RPHL ·····	···· LNG801RDD ···	····· Orange
LN81RCPHL	···· LNG801LDD ···	····· Orange
LN81WPHL	LNG801WDD ·	····· Orange
LN81CPHL ·····	···· LNG801CDD ···	······ Orange

■ Absolute Maximum Ratings (T_a = 25°C)

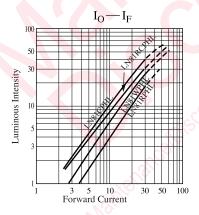
Lighting Color	P _D (mW)	I _F (mA)	I _{FP} (mA)*	$V_R(V)$	T _{opr} (°C)	T _{stg} (°C)	
Orange	90	30	150	3	−25 ~ +80	-30 ~ +100	

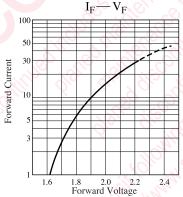
Pulse width 1 msec. The condition of I_{FP} is duty 10%, Pulse width 1 msec

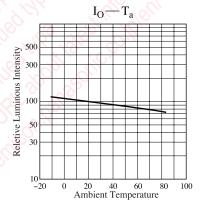


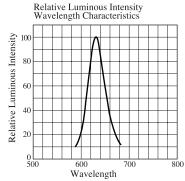
■ Electro–Optical Characteristics (T_a = 25°C)

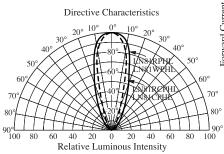
Conventional	Lighting	Lens Color	l _o			V _F		λρ Δλ]	I _R	
Part No.	Color	Lens Color	Тур	Min	I _F	Тур	Max	Тур	Тур	l _F	Max	V _R
LN81RPHL	Orange	Red Diffused	10.0	5.0	20	2.1	2.8	630	40	20	10	3
LN81RCPHL	Orange	Red Clear	20.0	8.0	20	2.1	2.8	630	40	20	10	3
LN81WPHL	Orange	White Diffused	15.0	6.0	20	2.1	2.8	630	40	20	10	3
LN81CPHL	Orange	Clear	25.0	10.0	20	2.1	2.8	630	40	20	10	3
Unit			mcd	mcd	mA	P V .	V V	> nm	nm	mA	uА	V

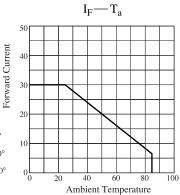












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