

# LNG801RKD

Round Type

φ5.0 mm

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

Parameter	Symbol	Rating	Unit
Power dissipation	$P_D$	90	mW
Forward current	$I_F$	30	mA
Pulse forward current *	$I_{FP}$	150	mA
Reverse voltage	$V_R$	3	V
Operating ambient temperature	$T_{opr}$	-25 to +85	°C
Storage temperature	$T_{stg}$	-30 to +100	°C

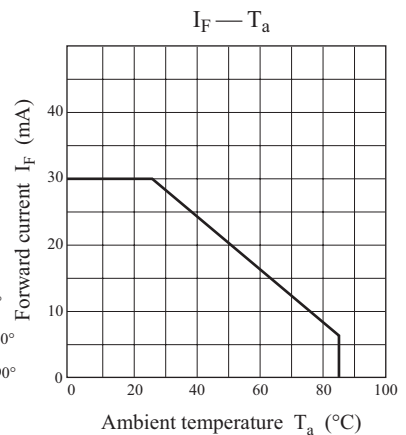
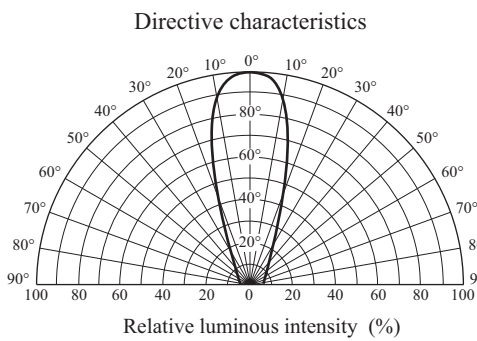
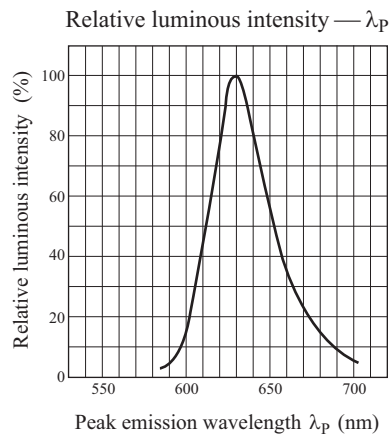
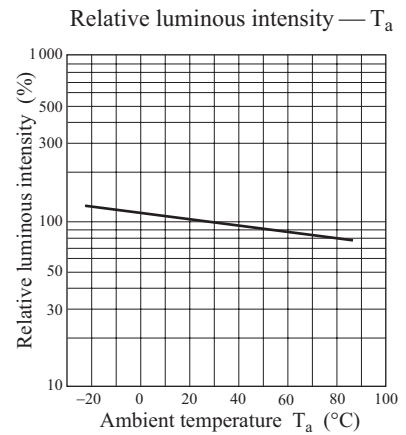
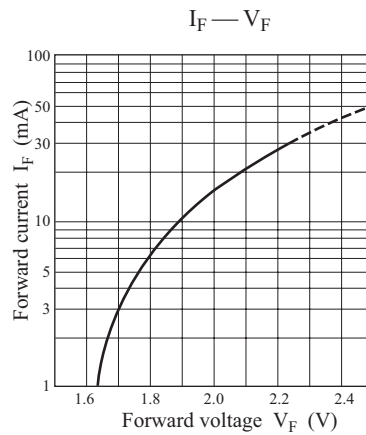
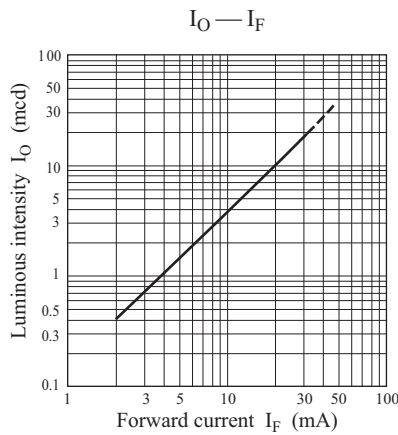
Note) \*: The condition of  $I_{FP}$  is duty 10%, Pulse width 1 msec.

■ Lighting Color

- Orange

■ Electro-Optical Characteristics  $T_a = 25^\circ\text{C} \pm 3^\circ\text{C}$

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Luminous intensity	$I_O$	$I_F = 20\text{ mA}$	5.0	10.0		mcd
Reverse current	$I_R$	$V_R = 3\text{ V}$			10	μA
Forward voltage	$V_F$	$I_F = 20\text{ mA}$		2.1	2.8	V
Peak emission wavelength	$\lambda_P$	$I_F = 20\text{ mA}$		630		nm
Spectral half band width	$\Delta\lambda$	$I_F = 20\text{ mA}$		40		nm





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