

# LNG4A4CN1E

## Round Type

φ5.0 mm

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

Parameter	Symbol	Rating	Unit
Power dissipation	$P_D$	130	mW
Forward current	$I_F$	50	mA
Pulse forward current *	$I_{FP}$	150	mA
Reverse voltage	$V_R$	4	V
Operating ambient temperature	$T_{opr}$	-25 to +85	$^\circ\text{C}$
Storage temperature	$T_{stg}$	-30 to +100	$^\circ\text{C}$

### ■ Lighting Color

- Amber

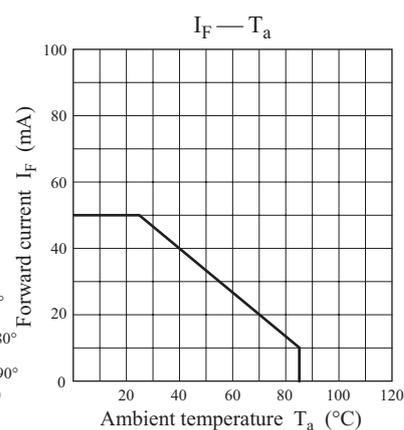
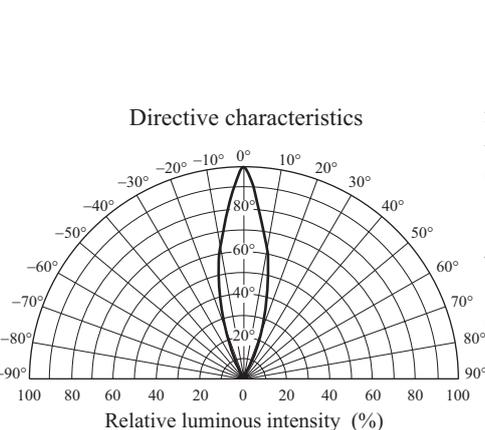
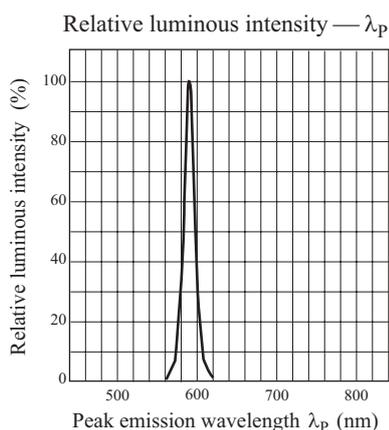
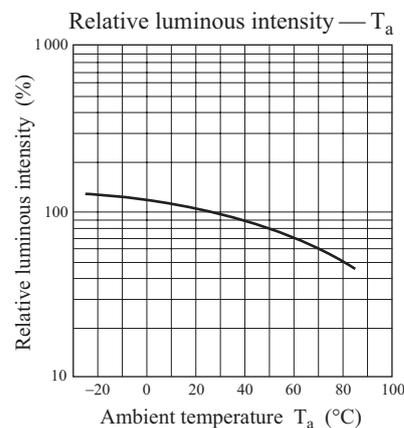
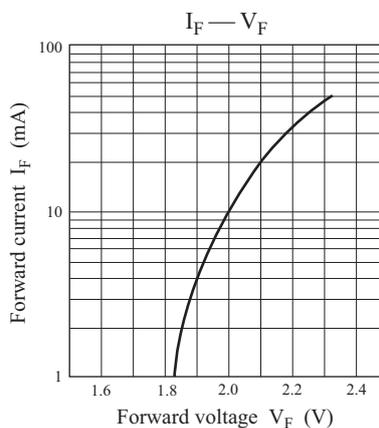
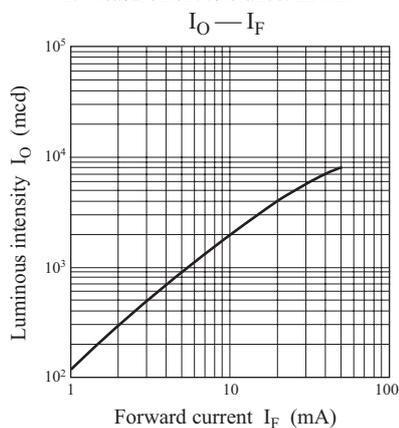
Note) \*: The condition of  $I_{FP}$  is duty 10%, Pulse width 1 msec.

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

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Luminous intensity *1	$I_O$	$I_F = 20\text{ mA}$	2300	4000	8000	mcd
Reverse current	$I_R$	$V_R = 5\text{ V}$			10	$\mu\text{A}$
Forward voltage	$V_F$	$I_F = 20\text{ mA}$	1.7	2.1	2.6	V
Dominant emission wavelength *2	$\lambda_d$	$I_F = 20\text{ mA}$	584	589	594	nm
Peak emission wavelength	$\lambda_p$	$I_F = 20\text{ mA}$		591		nm
Spectral half band width	$\Delta\lambda$	$I_F = 20\text{ mA}$		15		nm

Note) \*1: Measurement tolerance:  $\pm 20\%$

\*2: Measurement tolerance:  $\pm 2\text{ nm}$





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