

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

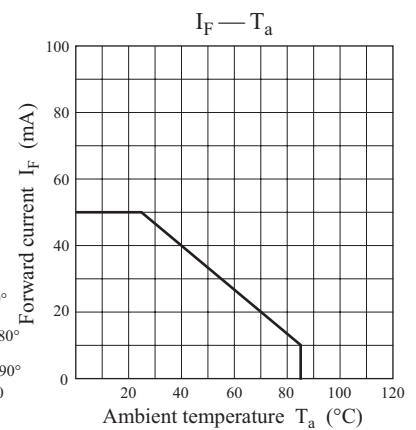
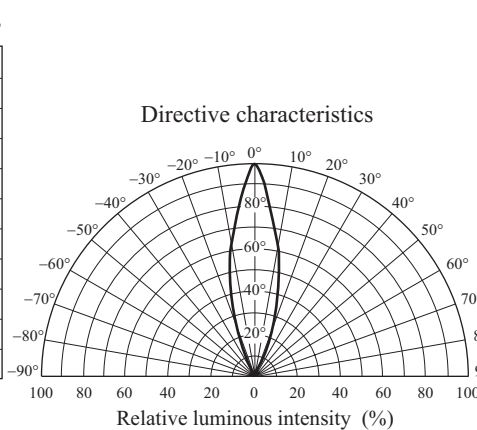
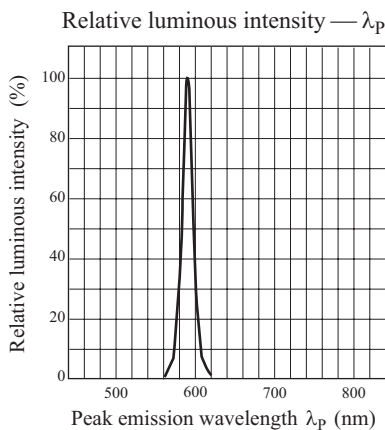
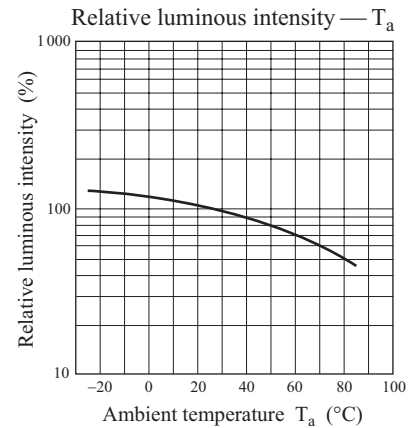
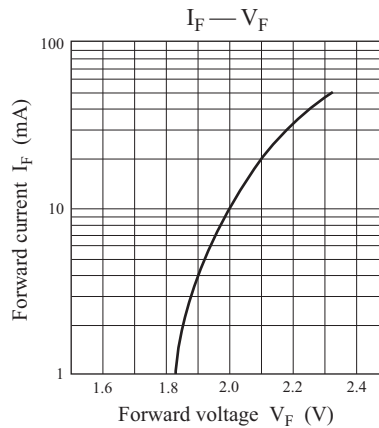
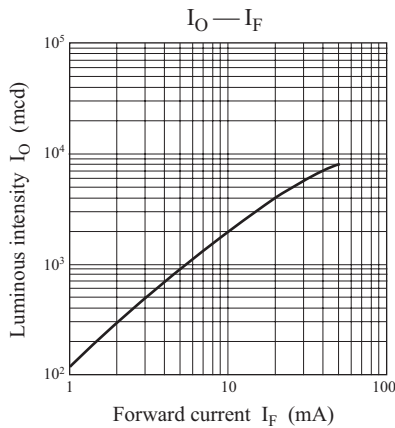
Note) *: The condition of I_{FP} is duty 10%, Pulse width 1 msec.

■ 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	μA
Forward voltage	V_F	$I_F = 20\text{ mA}$	1.7	2.1	2.6	V
Dominant emission wavelength *2	λ_d	$I_F = 20\text{ mA}$	584	589	594	nm
Peak emission wavelength	λ_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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