# LNG4A4CN1E

### Round Type

 $\phi$ 5.0 mm

#### ■ Absolute Maximum Ratings $T_a = 25$ °C

Parameter	Symbol	Rating	Unit	
Power dissipation	$P_{\mathrm{D}}$	130	mW	
Forward current	$I_{\mathrm{F}}$	50	mA	
Pulse forward current *	$I_{FP}$	150	mA	
Reverse voltage	V <sub>R</sub>	4	V	
Operating ambient temperature	T <sub>opr</sub>	-25 to +85	°C	
Storage temperature	T <sub>stg</sub>	-30 to +100	°C	

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

#### ■ Lighting Color

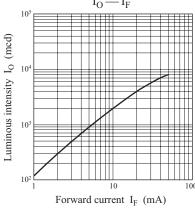
Amber

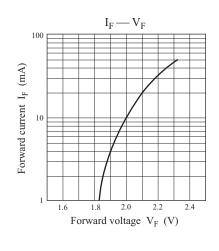
#### ■ Electro-Optical Characteristics $T_a = 25$ °C

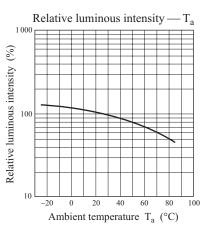
Parameter	Symbol	Conditions	Min	Тур	Max	Unit
Luminous intensity *1	I <sub>O</sub>	$I_F = 20 \text{ mA}$	2300	4000	8000	med
Reverse current	$I_R$	$V_R = 5 \text{ V}$			10	μА
Forward voltage	V <sub>F</sub>	$I_F = 20 \text{ mA}$	1.7	2.1	2.6	V
Dominant emission wavelength *2	$\lambda_{ m d}$	$I_F = 20 \text{ mA}$	584	589	594	nm
Peak emission wavelength	$\lambda_{ m P}$	$I_F = 20 \text{ mA}$		591		nm
Spectral half band width	Δλ	$I_F = 20 \text{ mA}$		15		nm

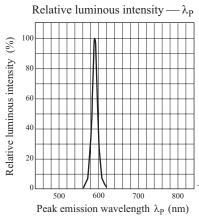
Note) \*1: Measurement tolerance: ±20%

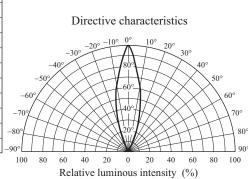
\*2: Measurement tolerance: ±2 nm

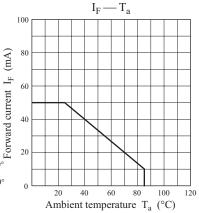




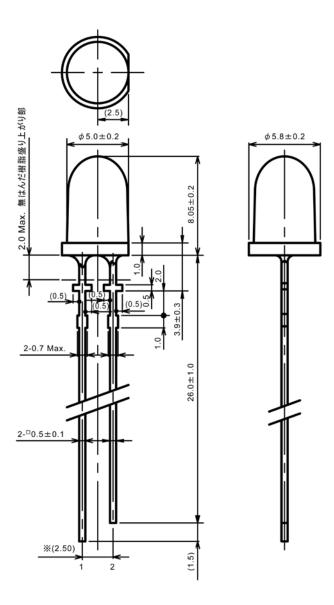








### ■ Package (Unit: mm)



- Pin name
  - 1: Anode
  - 2: Cathode

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