

# LNG0A8CYBZ

## Oval Type

φ4.0 mm

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

Parameter	Symbol	Rating	Unit
Power dissipation	$P_D$	120	mW
Forward current	$I_F$	30	mA
Pulse forward current *	$I_{FP}$	100	mA
Reverse direct current	$I_{RDC}$	100	mA
Operating ambient temperature	$T_{opr}$	-25 to +80	$^\circ\text{C}$
Storage temperature	$T_{stg}$	-30 to +100	$^\circ\text{C}$

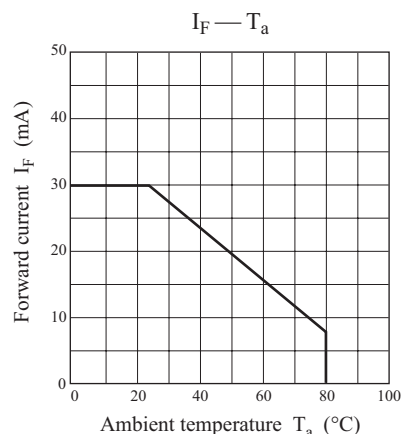
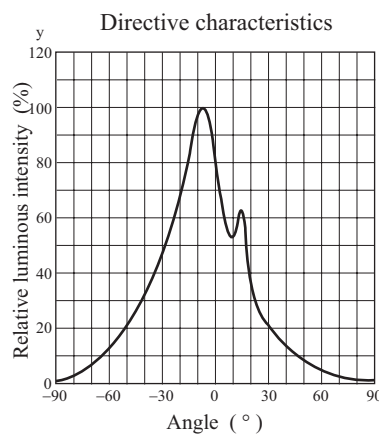
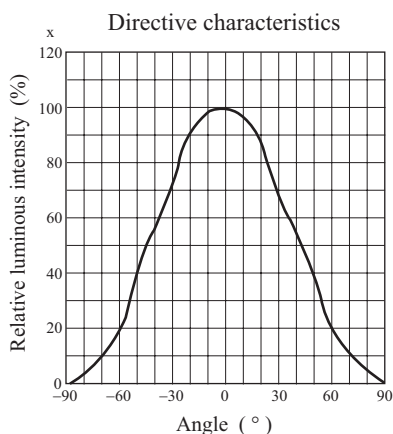
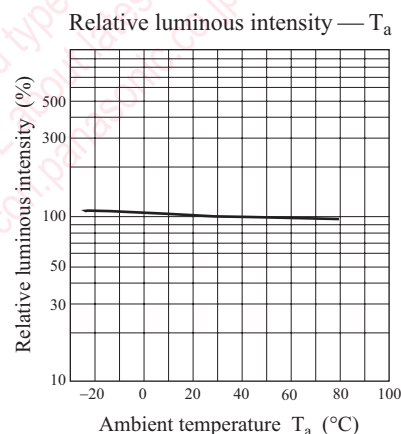
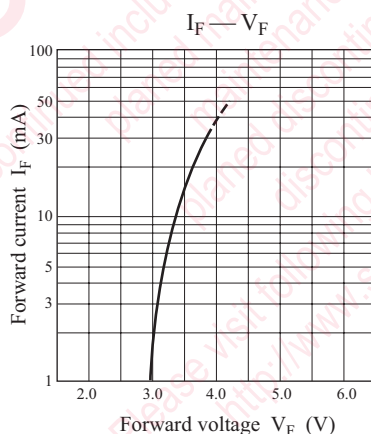
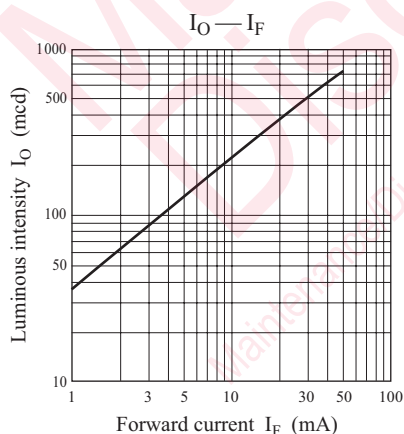
### ■ Lighting Color

- White

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

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

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Luminous intensity	$I_O$	$I_F = 20\text{ mA}$	150	400		mcd
Forward voltage	$V_F$	$I_F = 20\text{ mA}$		3.7	4.3	V
Reverse voltage	$V_R$	$I_R = 10\text{ mA}$			2.5	V
Chromaticity coordinates	x	$I_F = 20\text{ mA}$	0.22		0.26	—
	y	$I_F = 20\text{ mA}$	0.17		0.36	—





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