

LNG092CZFZ

Round Type

φ5.0 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 current	I_R	100	mA
Operating ambient temperature	T_{opr}	-25 to +80	$^\circ\text{C}$
Storage temperature	T_{stg}	-30 to +100	$^\circ\text{C}$

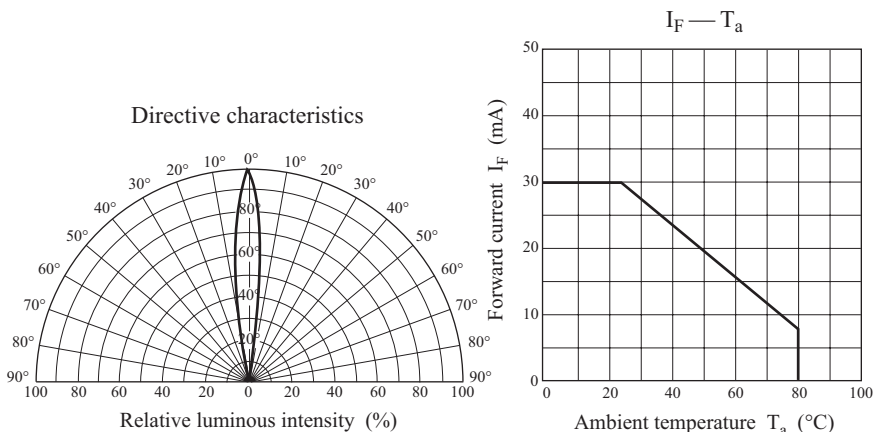
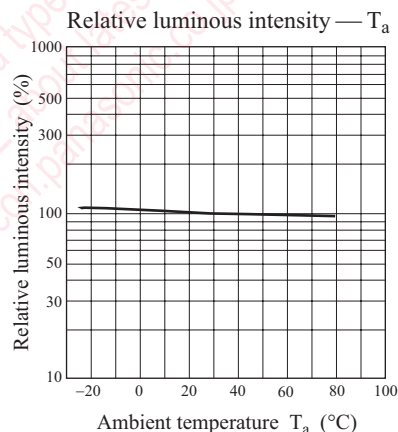
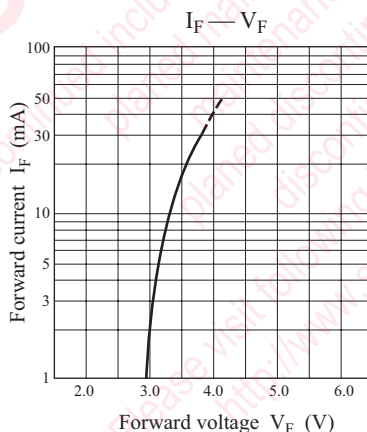
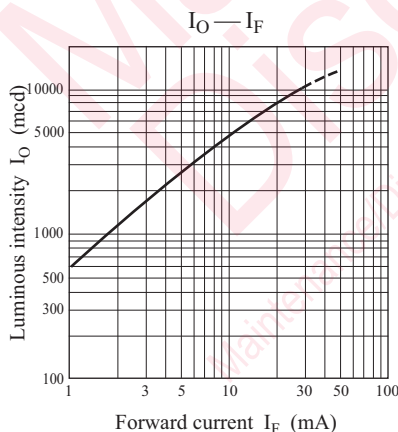
■ Lighting Color

- 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	$I_F = 20\text{ mA}$	3000	8000		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		0.34	—
	y	$I_F = 20\text{ mA}$	0.17		0.44	—



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