

LNG477YKY

Round Type

φ3.0 mm Series

Absolute Maximum Ratings $T_a = 25 \pm 3^\circ\text{C}$

Parameter	Symbol	Rating	Unit
Power dissipation	P_D	90	mW
Forward current	I_F	30	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	$^\circ\text{C}$

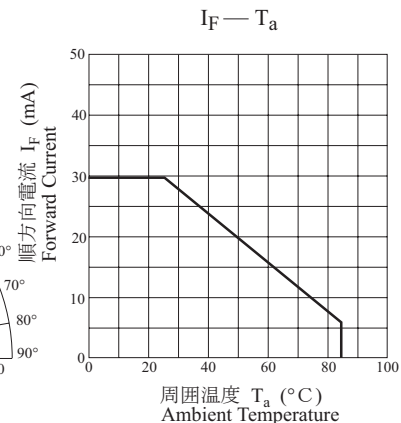
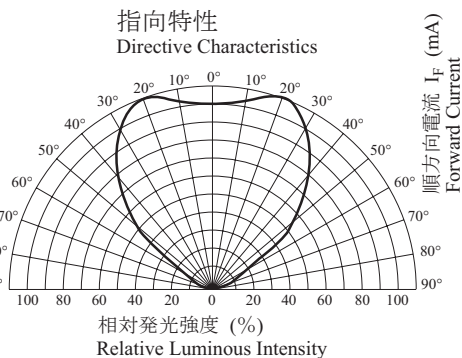
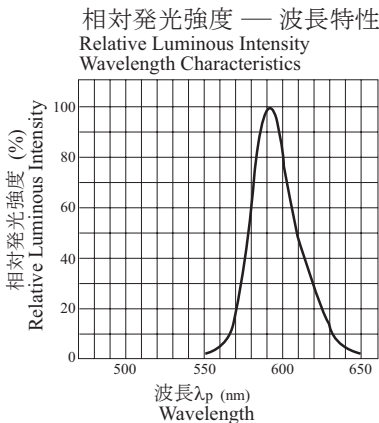
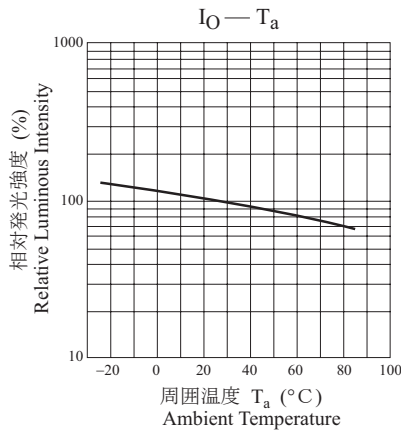
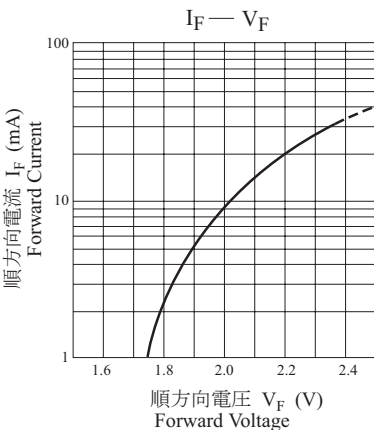
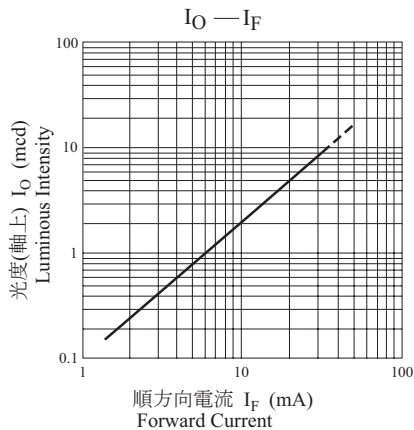
Note) *: The condition of I_{FP} is duty 10%, Pulse width 1 msec.

Lighting Color / Lens Color

- Amber / Amber Diffused

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

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Luminous intensity	I_O	$I_F = 20 \text{ mA DC}$	2.0	5.0		mcd
Forward voltage	V_F	$I_F = 20 \text{ mA DC}$		2.2	2.8	V
Peak emission wavelength	λ_p	$I_F = 20 \text{ mA DC}$		590		nm
Spectral half band width	$\Delta\lambda$	$I_F = 20 \text{ mA DC}$		30		nm
Reverse current	I_R	$V_R = 4 \text{ V}$			10	μA



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