

LNJ912W8BRA

Ultra High Bright Surface Mounting Chip LED

Blue TSS Type

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

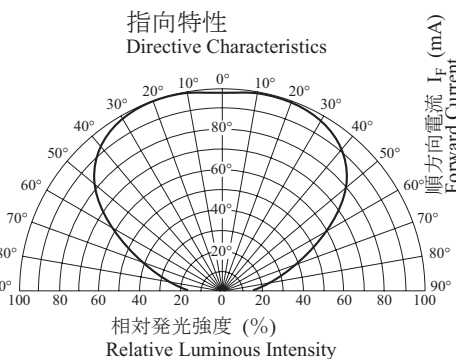
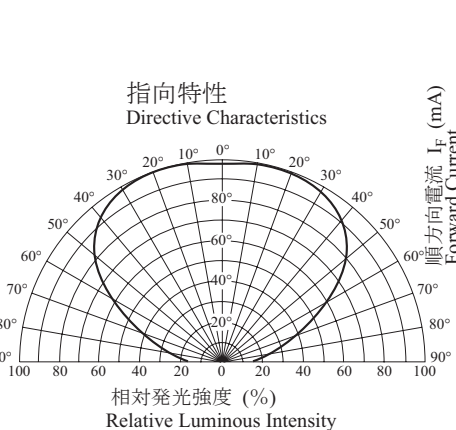
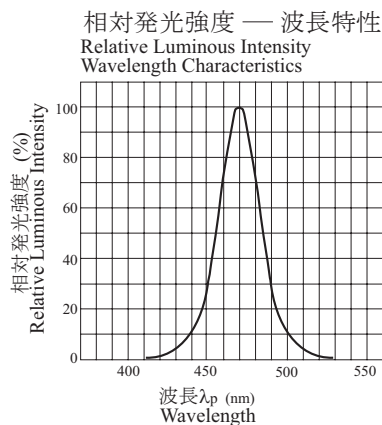
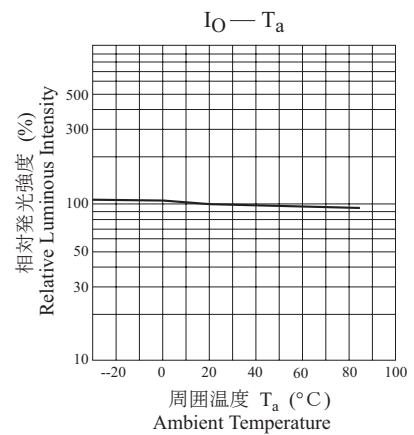
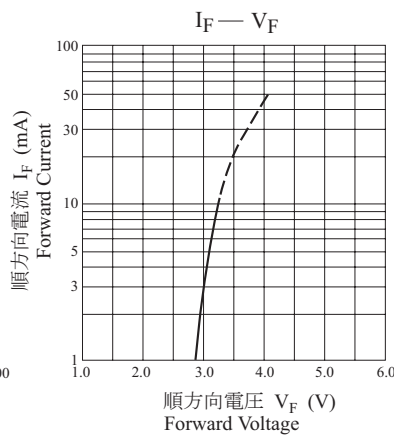
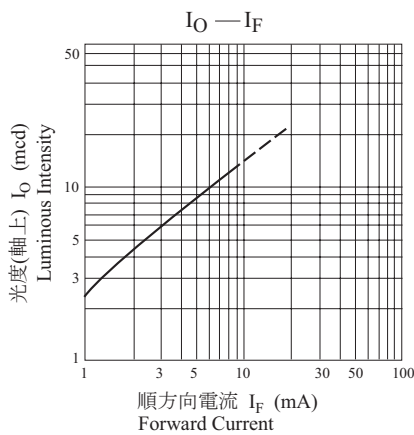
Parameter	Symbol	Rating	Unit
Power dissipation	P_D	40	mW
Forward current	I_F	10	mA
Pulse forward current	I_{FP}	50	mA
Reverse voltage	V_R	5	V
Operating ambient temperature	T_{opr}	-25 to +85	$^\circ\text{C}$
Storage temperature	T_{stg}	-30 to +100	$^\circ\text{C}$

■ Lighting Color / Lens Color

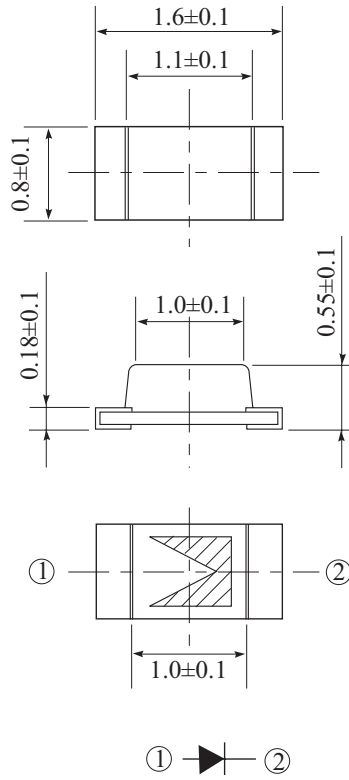
- Blue / White Diffused

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

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Luminous intensity	I_O		3.2	8.5		mcd
Forward current	I_F			5		mA
Forward voltage	V_F	$I_F = 5\text{ mA}$		3.2	3.7	V
Peak emission wavelength	λ_P	$I_F = 5\text{ mA}$		470		nm
Spectral half band width	$\Delta\lambda$	$I_F = 5\text{ mA}$		30		nm
Reverse current	I_R	$V_R = 5\text{ V}$			10	μA



■ Package (Unit: mm)



- Pin name
- 1: Anode
- 2: Cathode

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