

LNJ818C8SRU

Surface Mounting Chip LED

Dome-Lens FD Type

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

Parameter	Symbol	Rating	Unit
Power dissipation	P_D	60	mW
Forward current	I_F	20	mA
Pulse forward current *	I_{FP}	100	mA
Reverse voltage	V_R	3	V
Operating ambient temperature	T_{opr}	-30 to +85	$^\circ\text{C}$
Storage temperature	T_{stg}	-40 to +100	$^\circ\text{C}$

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

■ Lighting Color

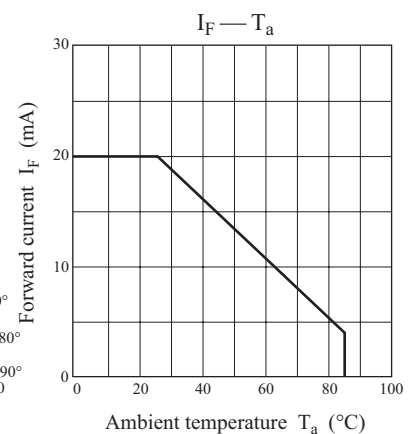
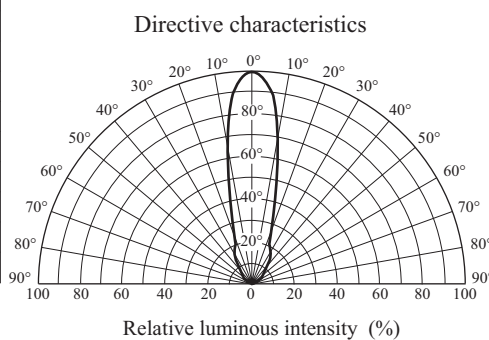
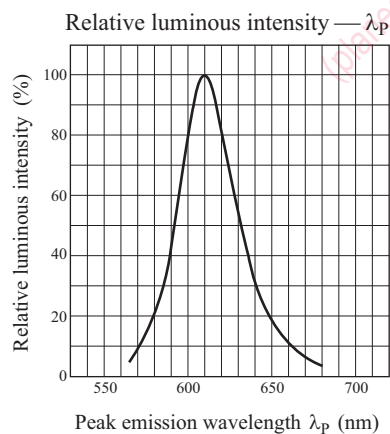
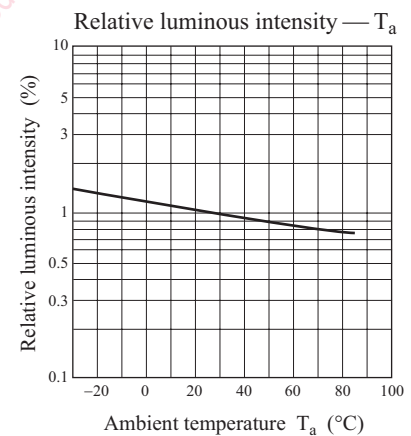
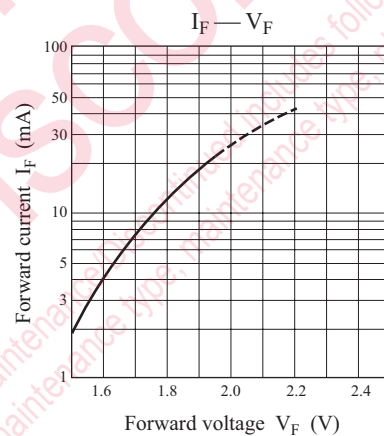
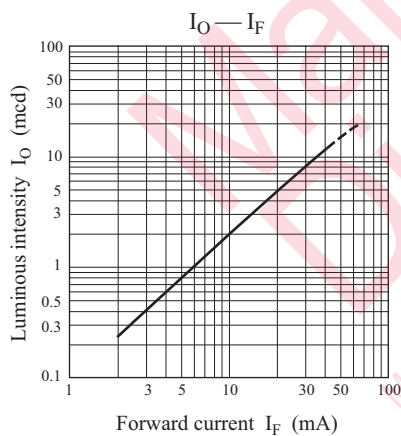
- Soft Orange

■ 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	$I_F = 20\text{ mA}$	2.7	5.0		mcd
Reverse current	I_R	$V_R = 3\text{ V}$			10	μA
Forward voltage	V_F	$I_F = 20\text{ mA}$		1.93	2.60	V
Peak emission wavelength	λ_P	$I_F = 20\text{ mA}$		610		nm
Spectral half band width	$\Delta\lambda$	$I_F = 20\text{ mA}$		40		nm

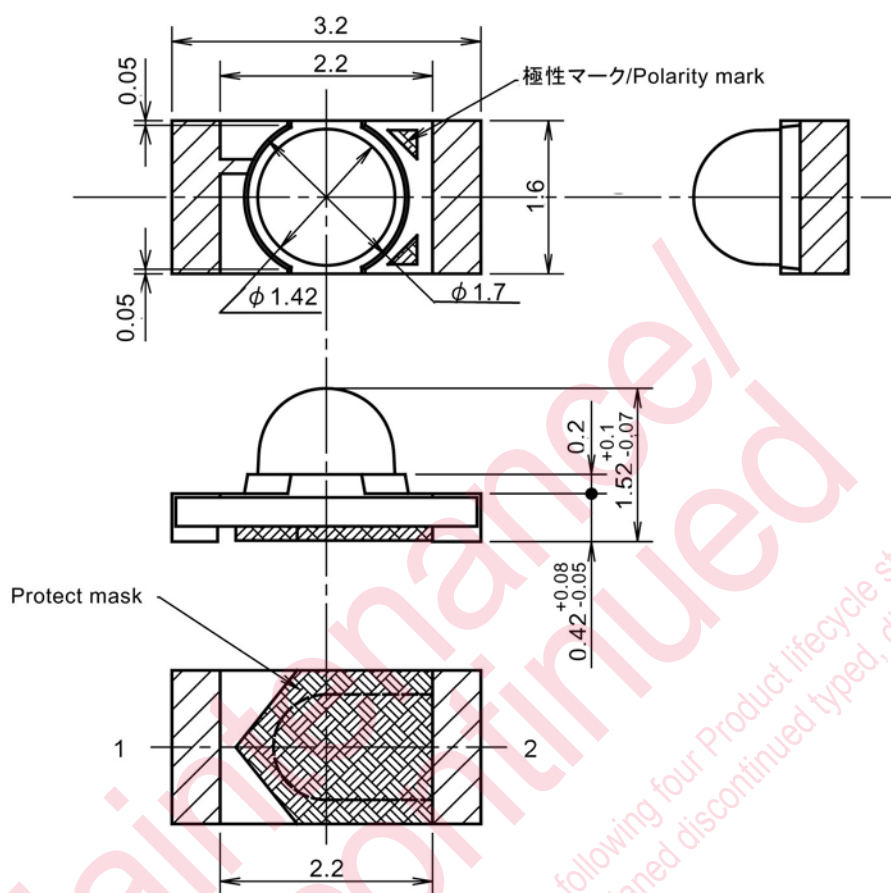
Note) *:

Measurement tolerance: $\pm 20\%$



■ Package (Unit: mm)

KLTLTN2K1800



- Pin name
- 1: Anode
- 2: Cathode

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