

LN1451CTR

Surface Mounting Chip LED

J Type

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

Parameter	Symbol	Rating	Unit
Power dissipation	P_D	45	mW
Forward current	I_F	15	mA
Pulse forward current *	I_{FP}	60	mA
Reverse voltage	V_R	4	V
Operating ambient temperature	T_{opr}	-25 to +80	$^\circ\text{C}$
Storage temperature	T_{stg}	-30 to +85	$^\circ\text{C}$

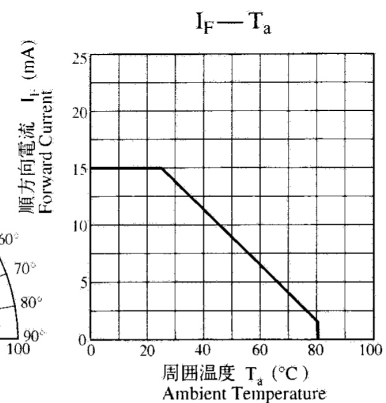
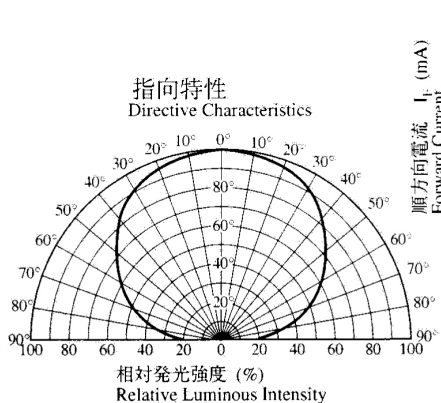
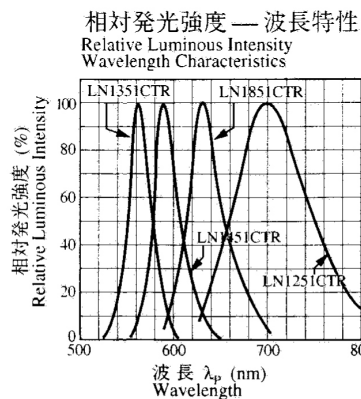
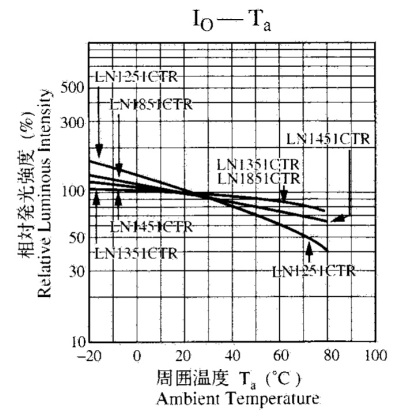
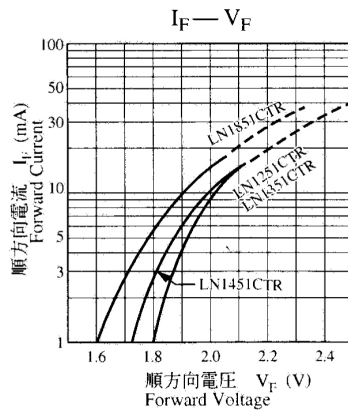
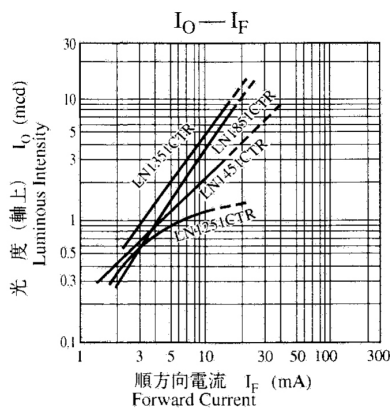
Note) *: The condition of I_{FP} is duty 10%, Pulse width 1 msec.

■ Lighting Color / Lens Color

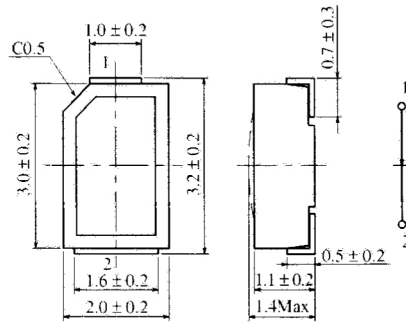
- Amber / Clear

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

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Luminous intensity	I_O		0.8	2.2		mcd
Forward current	I_F			10		mA
Forward voltage	V_F	$I_F = 15\text{ mA}$		2.1	2.8	V
Peak emission wavelength	λ_p	$I_F = 15\text{ mA}$		590		nm
Spectral half band width	$\Delta\lambda$	$I_F = 15\text{ mA}$		30		nm
Reverse current	I_R	$V_R = 4\text{ V}$			10	μA



■ Package (Unit: mm)



- Pin name
 - 1: Anode
 - 2: Cathode

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