

# LN1851CTR

## 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	$V_R$	3	V
Operating ambient temperature	$T_{opr}$	-25 to +80	$^\circ\text{C}$
Storage temperature	$T_{stg}$	-30 to +85	$^\circ\text{C}$

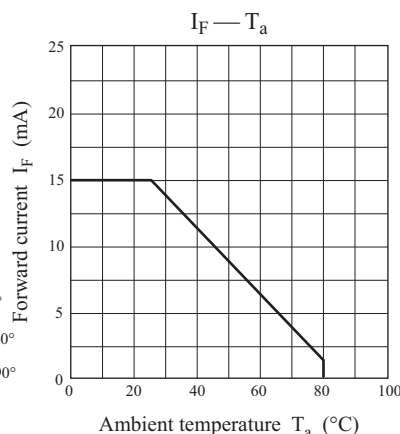
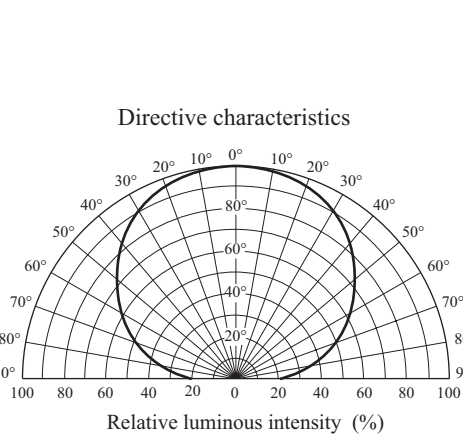
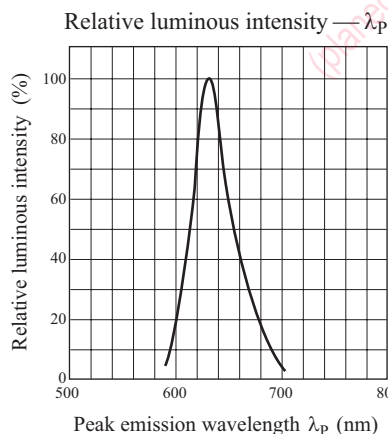
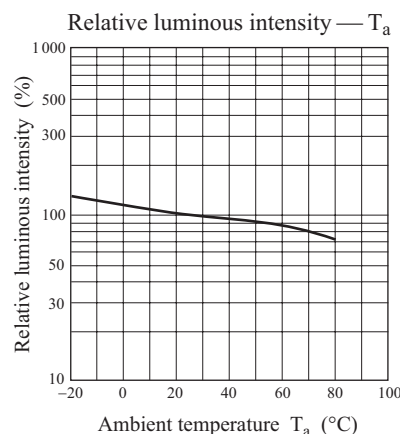
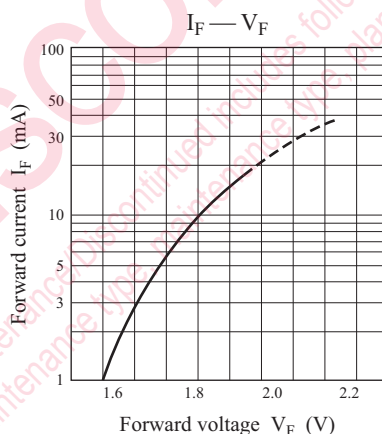
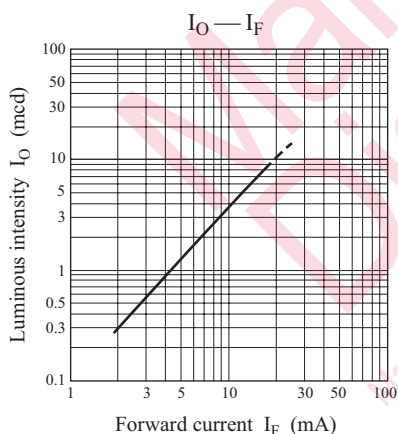
■ Lighting Color

- Orange

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

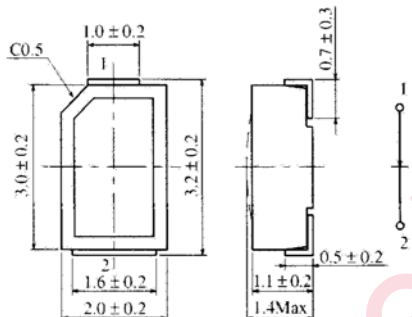
■ Electro-Optical Characteristics  $T_a = 25^\circ\text{C}$

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Luminous intensity	$I_O$	$I_F = 10\text{ mA}$	1.3	3.5		mcd
Reverse current	$I_R$	$V_R = 3\text{ V}$			10	$\mu\text{A}$
Forward voltage	$V_F$	$I_F = 15\text{ mA}$		2.05	2.8	V
Peak emission wavelength	$\lambda_P$	$I_F = 15\text{ mA}$		630		nm
Spectral half band width	$\Delta\lambda$	$I_F = 15\text{ mA}$		40		nm



■ Package (Unit: mm)

LLDFTR2G5100



- Pin name
- 1: Anode
- 2: Cathode

Maintenance/Discontinued

Maintenance/Discontinued includes following four Product lifecycle stage.  
(planned maintenance type, maintenance type, planned discontinued type, discontinued type)

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