

LN877RPX

Round Type

φ3.0 mm Series

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

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	3	V
Operating ambient temperature	T_{opr}	-25 to +85	$^\circ\text{C}$
Storage temperature	T_{stg}	-30 to +100	$^\circ\text{C}$

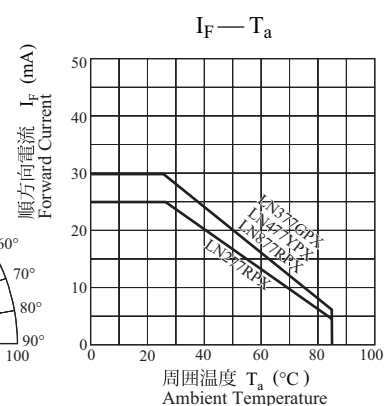
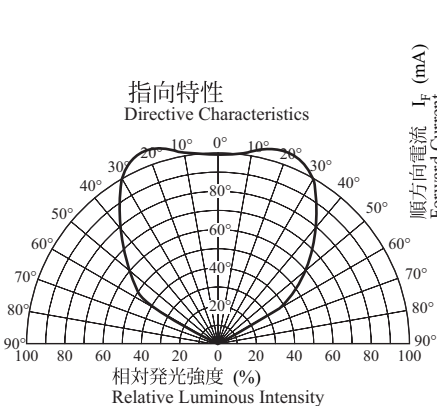
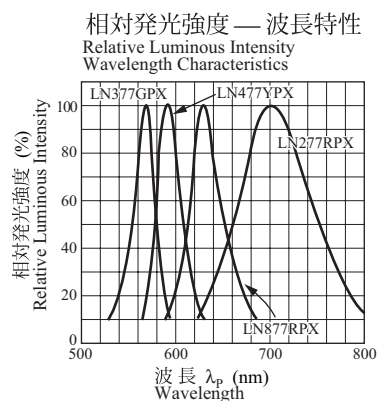
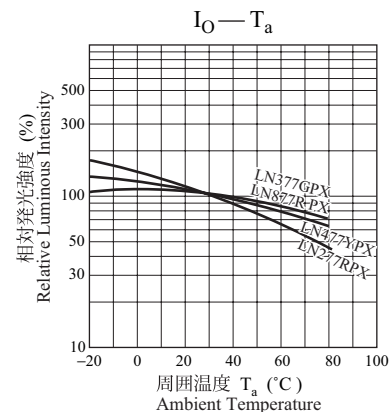
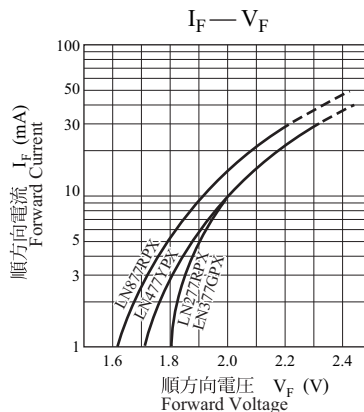
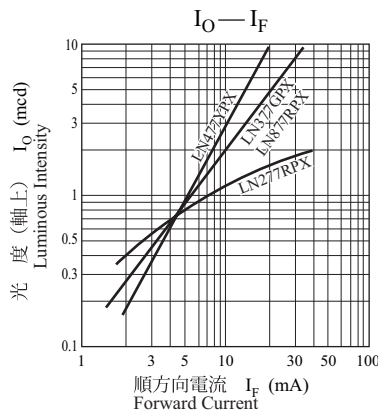
Note) *: The condition of I_{FP} is duty 10%, Pulse width 1 msec.

Lighting Color / Lens Color

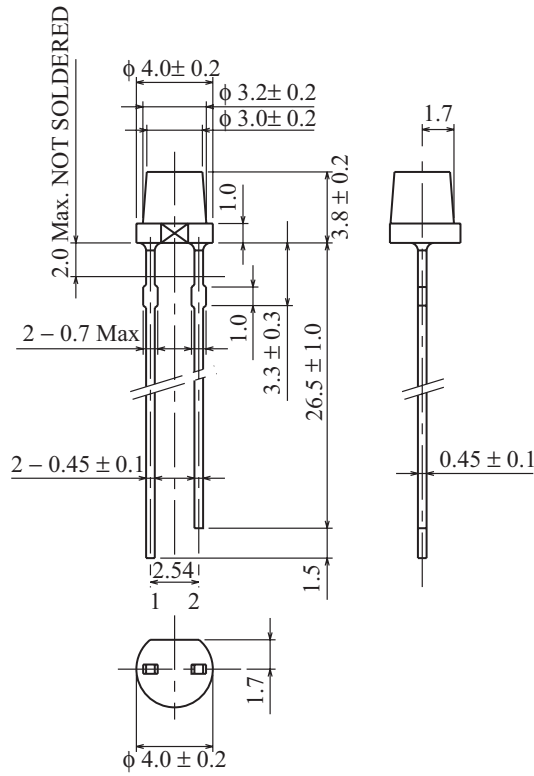
- Orange / Red Diffused

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

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Luminous intensity	I_O		2.0	5.0		mcd
Forward current	I_F			20		mA
Forward voltage	V_F	$I_F = 20\text{ mA}$		2.1	2.8	V
Peak emission wavelength	λ_p	$I_F = 20\text{ mA}$		630		nm
Spectral half band width	$\Delta\lambda$	$I_F = 20\text{ mA}$		40		nm
Reverse current	I_R	$V_R = 3\text{ V}$			10	μA



■ Package (Unit: mm)



- Pin name
 - 1: Anode
 - 2: Cathode

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