

# LN240RPX

## Round Type

φ4.4 mm

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

| Parameter                     | Symbol    | Rating      | Unit |
|-------------------------------|-----------|-------------|------|
| Power dissipation             | $P_D$     | 70          | mW   |
| Forward current               | $I_F$     | 25          | mA   |
| Pulse forward current *       | $I_{FP}$  | 150         | mA   |
| Reverse voltage               | $V_R$     | 4           | V    |
| Operating ambient temperature | $T_{opr}$ | -25 to +85  | °C   |
| Storage temperature           | $T_{stg}$ | -30 to +100 | °C   |

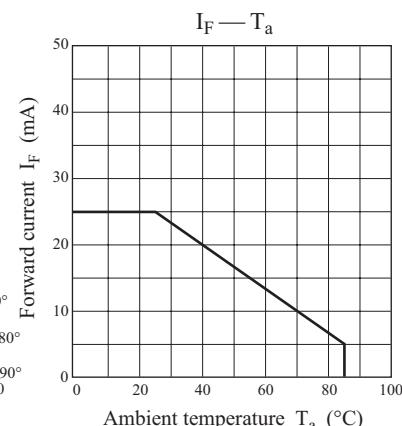
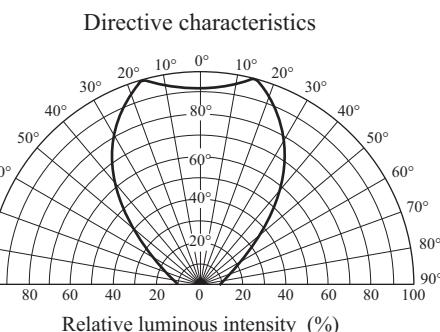
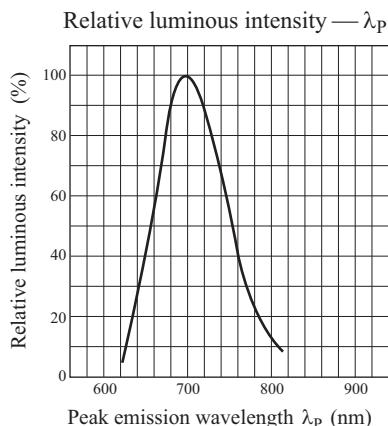
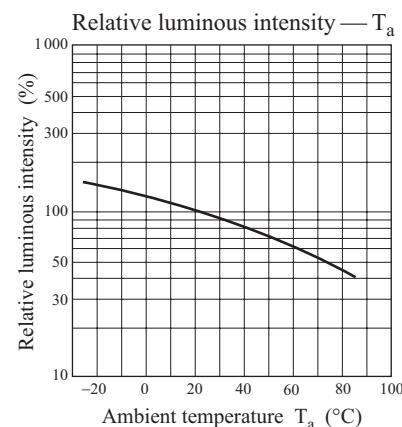
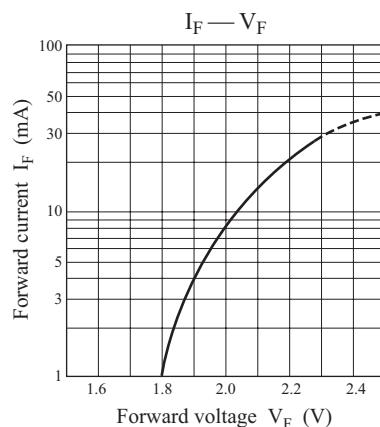
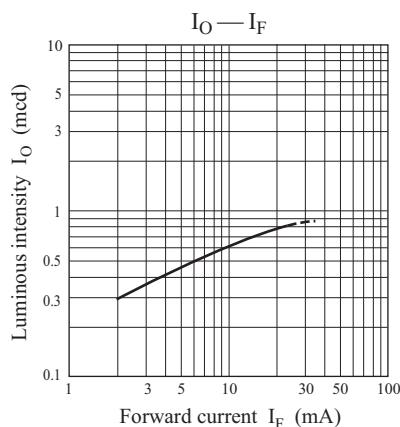
Note) \*: The condition of  $I_{FP}$  is duty 10%, Pulse width 1 msec.

### ■ Lighting Color

- Red

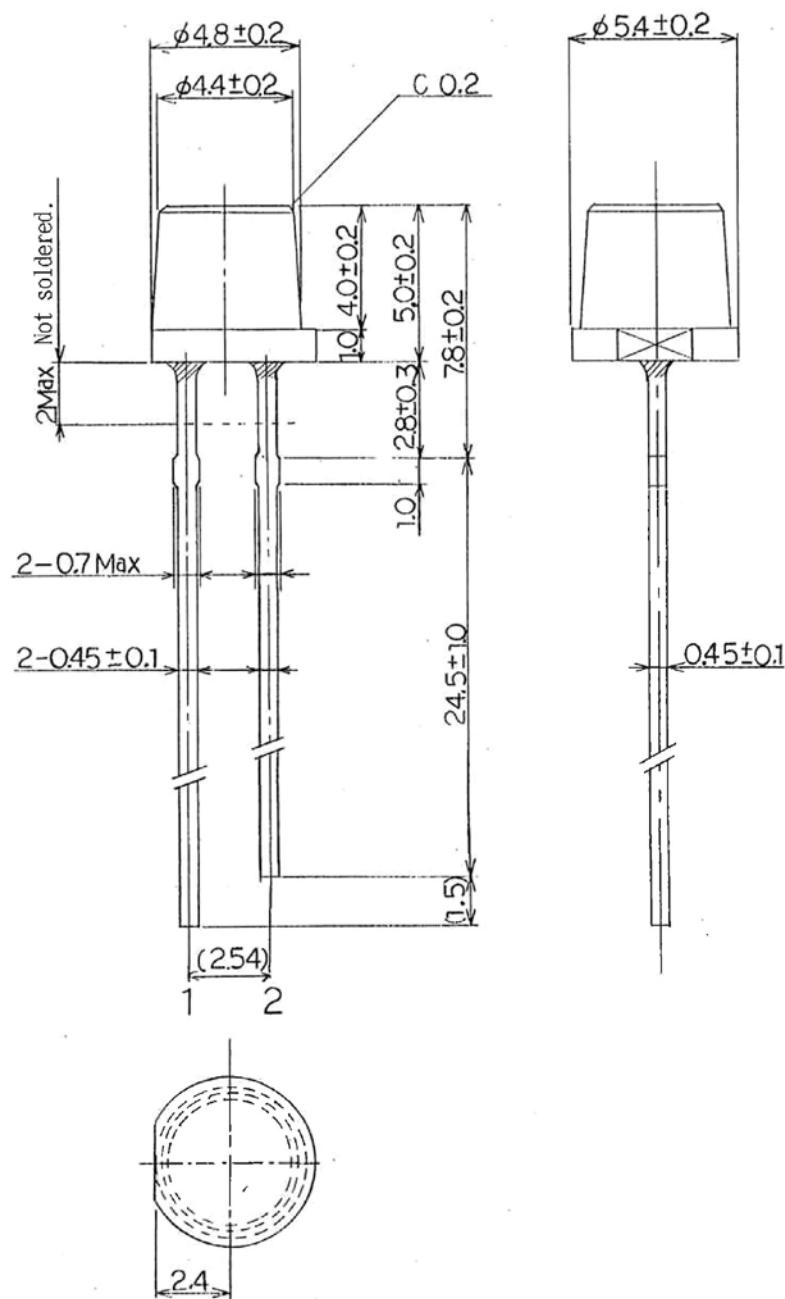
### ■ Electro-Optical Characteristics $T_a = 25^\circ\text{C} \pm 3^\circ\text{C}$

| Parameter                | Symbol          | Conditions            | Min | Typ | Max | Unit |
|--------------------------|-----------------|-----------------------|-----|-----|-----|------|
| Luminous intensity       | $I_O$           | $I_F = 15 \text{ mA}$ | 0.3 | 0.7 |     | mcd  |
| Reverse current          | $I_R$           | $V_R = 4 \text{ V}$   |     |     | 5   | μA   |
| Forward voltage          | $V_F$           | $I_F = 20 \text{ mA}$ |     | 2.2 | 2.8 | V    |
| Peak emission wavelength | $\lambda_P$     | $I_F = 20 \text{ mA}$ |     | 700 |     | nm   |
| Spectral half band width | $\Delta\lambda$ | $I_F = 20 \text{ mA}$ |     | 100 |     | nm   |



■ Package (Unit: mm)

**LLXFTN2SK400**



• Pin name

1: Anode

2: Cathode

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