



● 小型・薄型の白色LEDです。

● Compact and thin white LED

右記以外の発光色につきましてはお問い合わせください。

Please contact us for luminescent colors other than those described at right.

### ●絶対最大定格/Absolute Maximum Rating<sup>※1</sup>

(Ta 25°C)

| Product code | Pd (mW) | IF (mA) | IFP <sup>※2</sup> (mA) | VR (V) | Top (°C) | Tst (°C) |
|--------------|---------|---------|------------------------|--------|----------|----------|
| CL-483S-WT   | 76      | 20      | 100                    | 4      | -25~+80  | -30~+85  |

※1 1素子当たりの値です。/The values are based on 1-die performance.

※2 IFPの条件はduty 1/10、パルス巾30msecです。/Condition for IFP is pulse of 1/10 duty and 30msec width.

### ●電気的光学的特性/Electro-optical Characteristics

(Ta 25°C)

| Parameter                                       | Symbol         | Conditions          | MIN | TYP      | MAX      | Unit |
|---|----------------|---------------------|-----|----------|----------|------|
| 順電圧/Forward Voltage <sup>※1</sup>               | V <sub>F</sub> | I <sub>F</sub> =5mA | —   | 2.9      | 3.15     | V    |
| 逆電流/Reverse Current <sup>※1</sup>               | I <sub>R</sub> | V <sub>R</sub> =4V  | —   | —        | 2        | μA   |
| 光度/Luminous Intensity <sup>※2</sup>             | I <sub>v</sub> | I <sub>F</sub> =5mA | —   | 100      | —        | mcd  |
| 色度座標/<br>Chromaticity coordinates <sup>※3</sup> | x, y           | I <sub>F</sub> =5mA |     | x(±0.02) | y(±0.02) |      |
|   |                |                     | a   | 0.2800   | 0.2339   |      |
|   |                |                     | b   | 0.2800   | 0.2989   |      |
|   |                |                     | c   | 0.3400   | 0.3721   |      |
| d   | 0.3400         | 0.3396              |     |          |          |      |

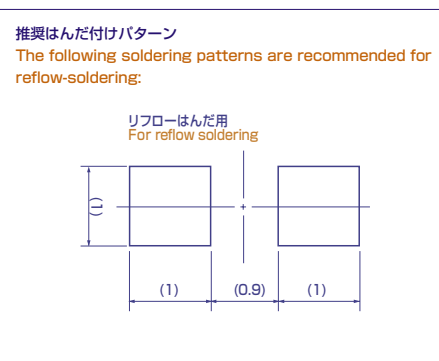
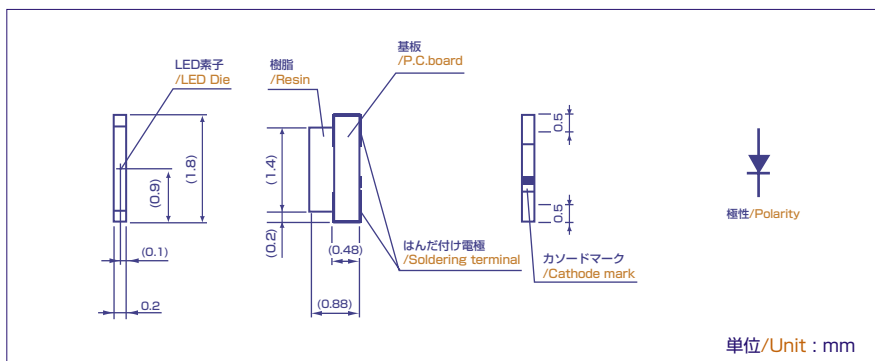
※1 1素子当たりの値です。/The values are based on 1-die performance.

※2 NIST規格に準拠、各素子同時点灯の値です。

Compliant with NIST. The values are based on the condition that each die lights simultaneously.

※3 色度座標は、a、b、c、dに囲まれた範囲です。/Chromaticity coordinates is surrounded with a,b,c,d.

### ●外形寸法図/Outline drawing



## ■ 諸特性 / Characteristics

