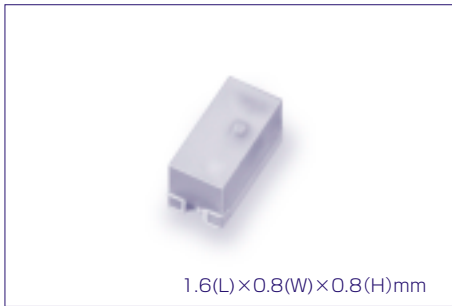


CL-195 シリーズ

Mono-Color Upward-Lighting Type **CL-195 Series**



- 小型のチップLEDです。
- CL-190とコンパチです。

- Compact chip LED
- Compatible with the CL-190 series.

発光色のラインアップにつきましては、発注時にお問い合わせの上、ご確認ください。

Please contact us at the time of order for the lineup of luminescent colors.

●絶対最大定格/Absolute Maximum Rating (Ta 25°C)

| Product code | Pd (mW) | I _F (mA) | I _{FP} (mA) | V _R (V) | Top (°C) | Tst (°C) |
|---------------------------------------|---------|---------------------|----------------------|--------------------|----------|----------|
| CL-195 (UR,HRを除く) Except UR and HR | 50 | 20 | 100※1 | 5 | -25~+80 | -30~+85 |
| CL-195UR/HR | 78 | 30 | | | | |

※1 I_{FP}の条件はduty 1/10、パルス巾30msecです。

※1 Condition for I_{FP} is pulse of 1/10 duty and 30msec width.

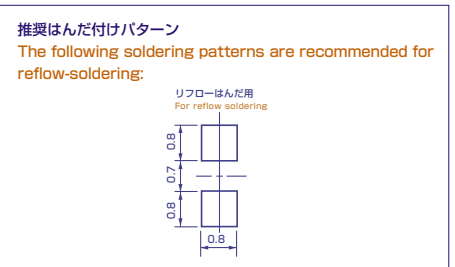
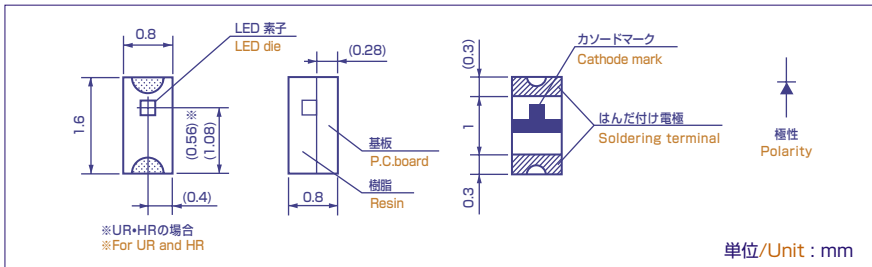
●電気的光学的特性/Electro-optical Characteristics (Ta 25°C)

| Product code | Lighting color | V _F | | | λ _p typ (nm) | Δλ typ (nm) | I _V * (mcd) | | |
|--------------|-------------------------|---------------------|---------|---------|-------------------------|-------------|------------------------|-----------|-----------|
| | | I _F (mA) | typ (V) | max (V) | | | I _F (mA) | min (mcd) | typ (mcd) |
| CL-195R | Red | 20 | 2.2 | 2.6 | 700 | 100 | 20 | 0.5 | 1.3 |
| CL-195D | Orange | 20 | 2.2 | 2.6 | 605 | 40 | 20 | 2.4 | 7.1 |
| CL-195Y | Yellow | 20 | 2.1 | 2.6 | 589 | 40 | 20 | 2.6 | 6.4 |
| CL-195YG | Yellow green | 20 | 2.2 | 2.6 | 570 | 30 | 20 | 5 | 18 |
| CL-195G | Green | 20 | 2.2 | 2.6 | 567 | 26 | 20 | 2.5 | 10 |
| CL-195FG | Fresh green | 20 | 2.2 | 2.6 | 560 | 26 | 20 | 2.2 | 6.5 |
| CL-195PG | Pure green | 20 | 2.2 | 2.6 | 557 | 24 | 20 | 1 | 3 |
| CL-195SR | Super brightness red | 20 | 2 | 2.6 | 650 | 40 | 20 | 1.5 | 4.3 |
| CL-195SD | Super brightness orange | 20 | 2 | 2.6 | 630 | 40 | 20 | 2 | 6.2 |
| CL-195UR | Ultra brightness red | 20 | 1.8 | 2.6 | 660 | 20 | 20 | 3.5 | 13 |
| CL-195HR | High brightness red | 20 | 1.8 | 2.6 | 660 | 20 | 20 | 5 | 23 |

※NIST規格に準拠

※Per NIST standards

●外形寸法図/Outline drawing



■ 諸特性 / Characteristics

