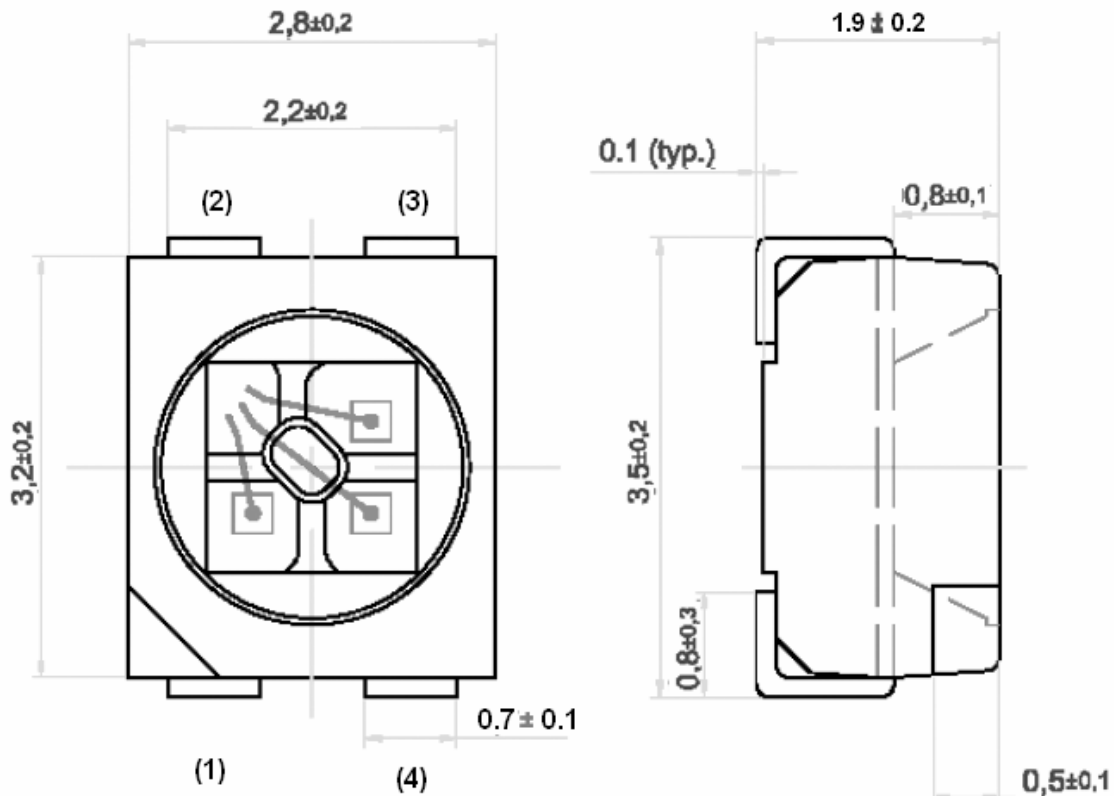


**SPECIFICATION**
**CSP1311R2G2B2C**
**PACKAGE OUTLINES**


(1) Cathode Red (2) Common Anode (3) Blue (4) Green

**Notes:**

1. All dimensions are in millimeters (inches).
2. Tolerance is  $\pm 0.25\text{mm}$  ( $0.01''$ ) unless otherwise noted.
3. Specifications are subject to change without notice.

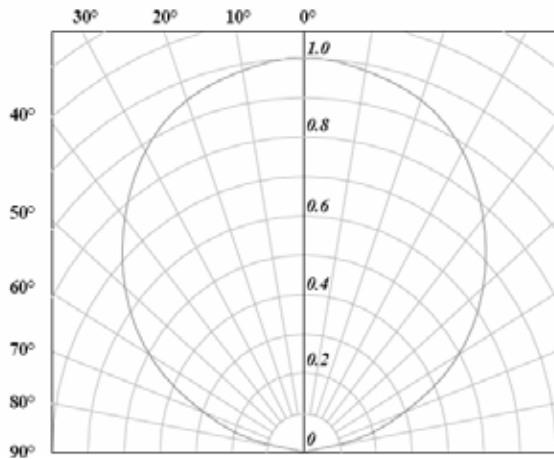
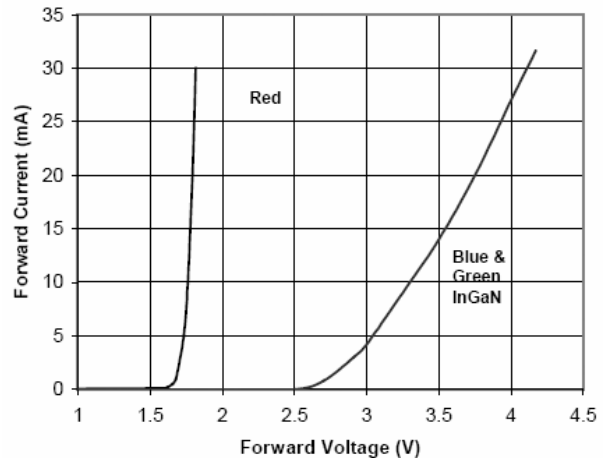
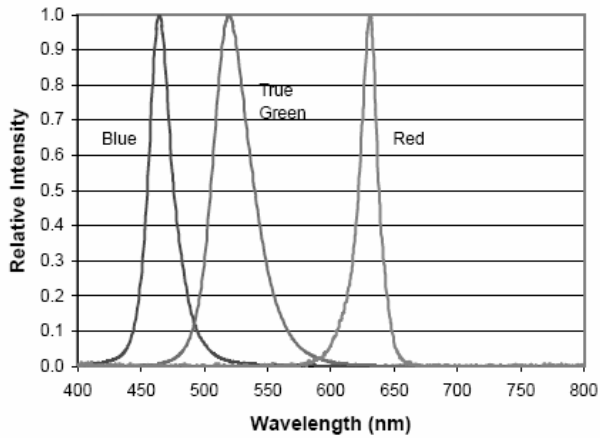
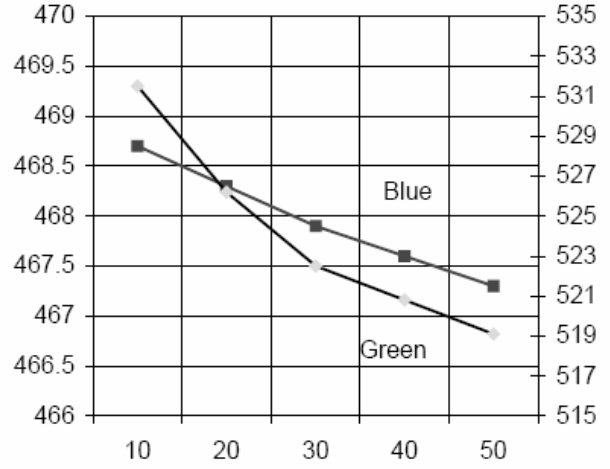
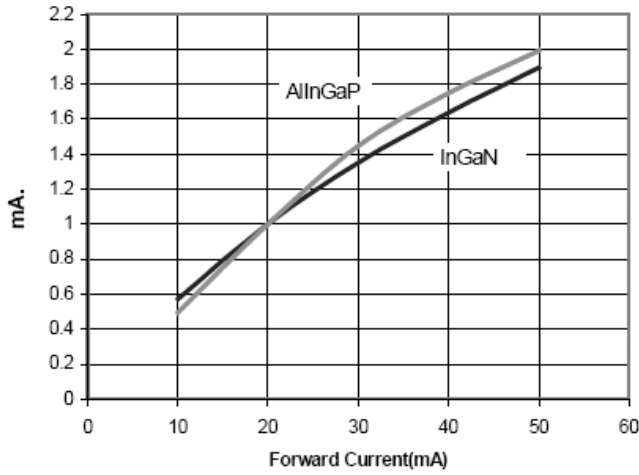
Part Number	Chip Material	Color of Emission	Lens Type	Viewing Angle
CSP1311R2G2B2C	InGaAlP	Red	Water Clear	120°
	InGaN	Green	Water Clear	120°
	InGaN	Blue	Water Clear	120°



ChromeLED Corp. reserves the right to make changes at any time in order to supply the best product possible. The most current version of this document will always be available at: [www.chromeled.com](http://www.chromeled.com)

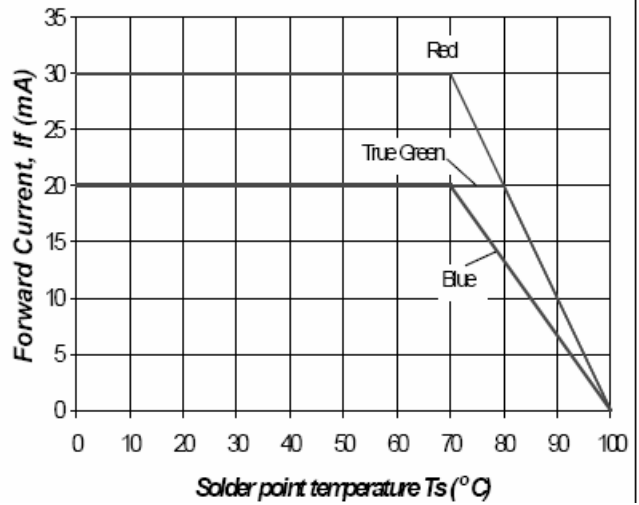
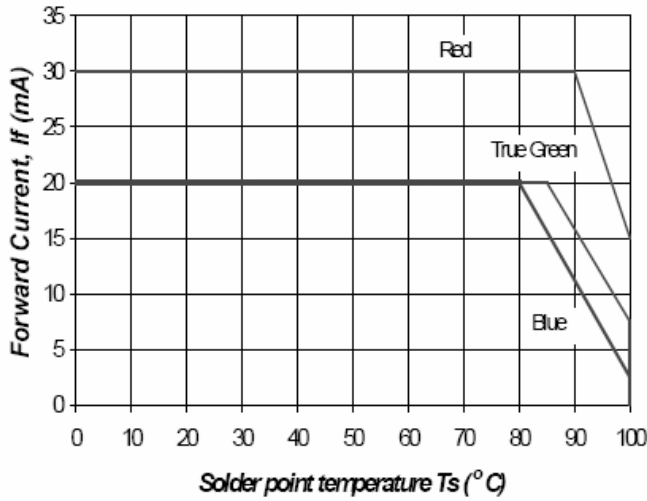
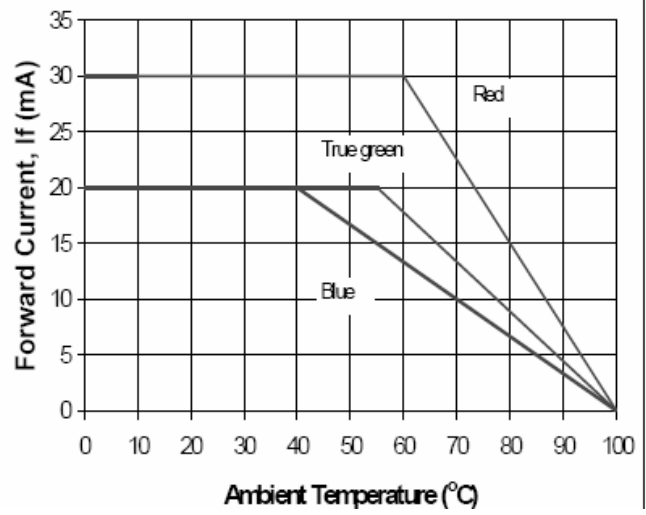
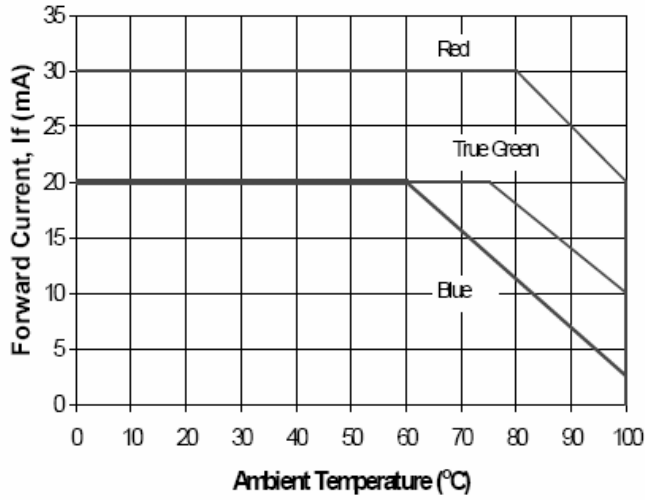


## TYPICAL ELECTRO-OPTICAL CHARACTERISTIC CURVES



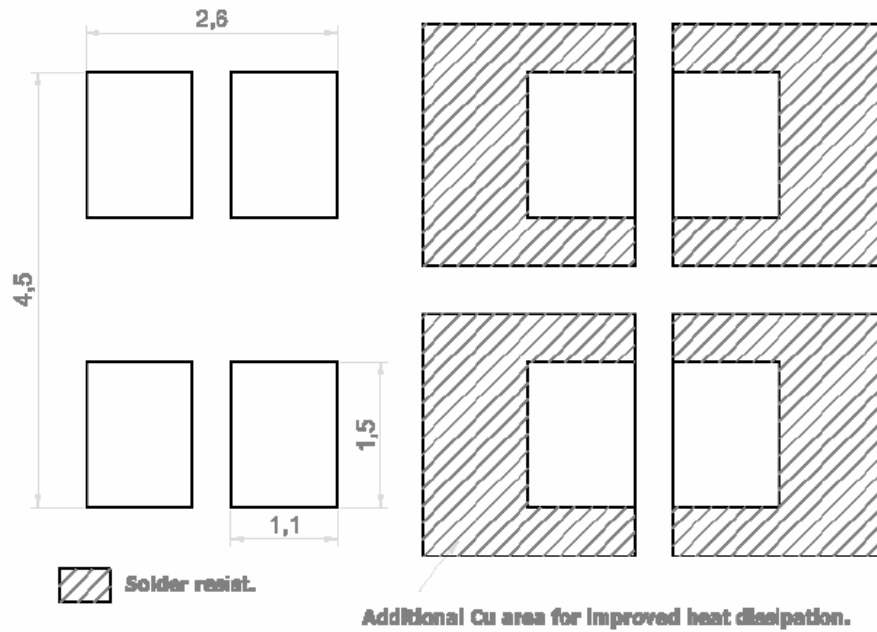
ChromeLED Corp. reserves the right to make changes at any time in order to supply the best product possible. The most current version of this document will always be available at: [www.chromeled.com](http://www.chromeled.com)

## TYPICAL ELECTRO-OPTICAL CHARACTERISTIC CURVES



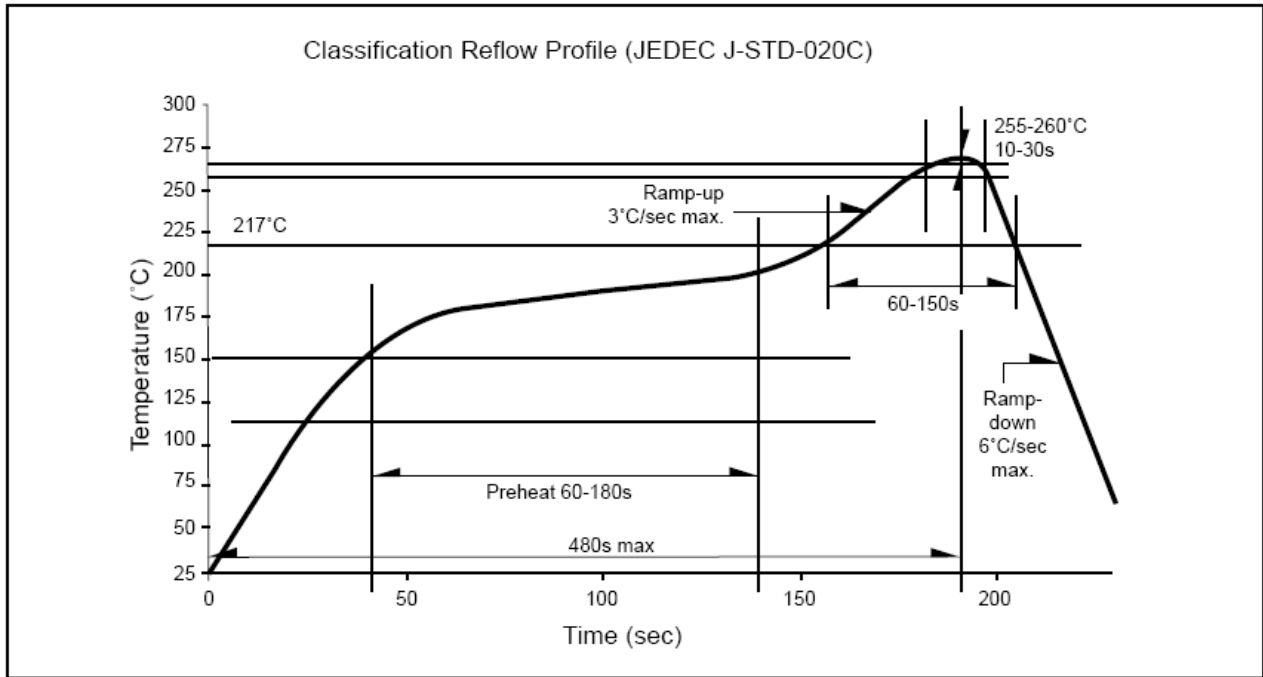
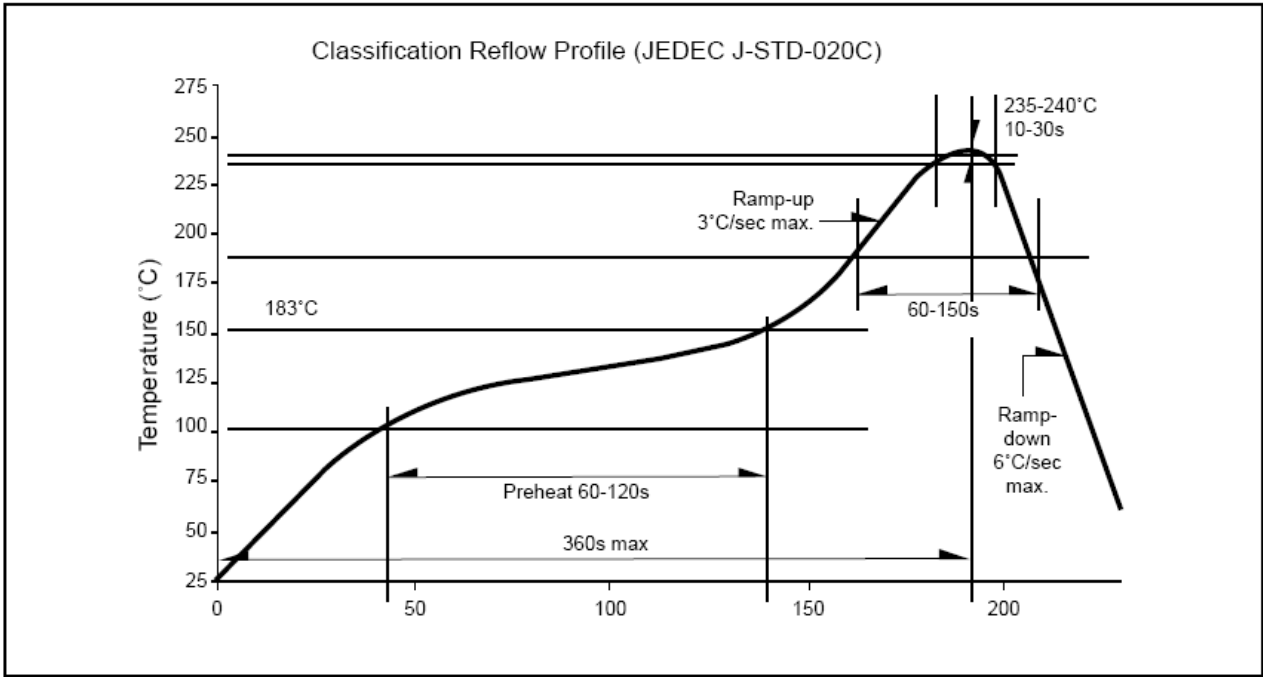
ChromeLED Corp. reserves the right to make changes at any time in order to supply the best product possible. The most current version of this document will always be available at: [www.chromeled.com](http://www.chromeled.com)

## RECOMMENDED SOLDER PAD



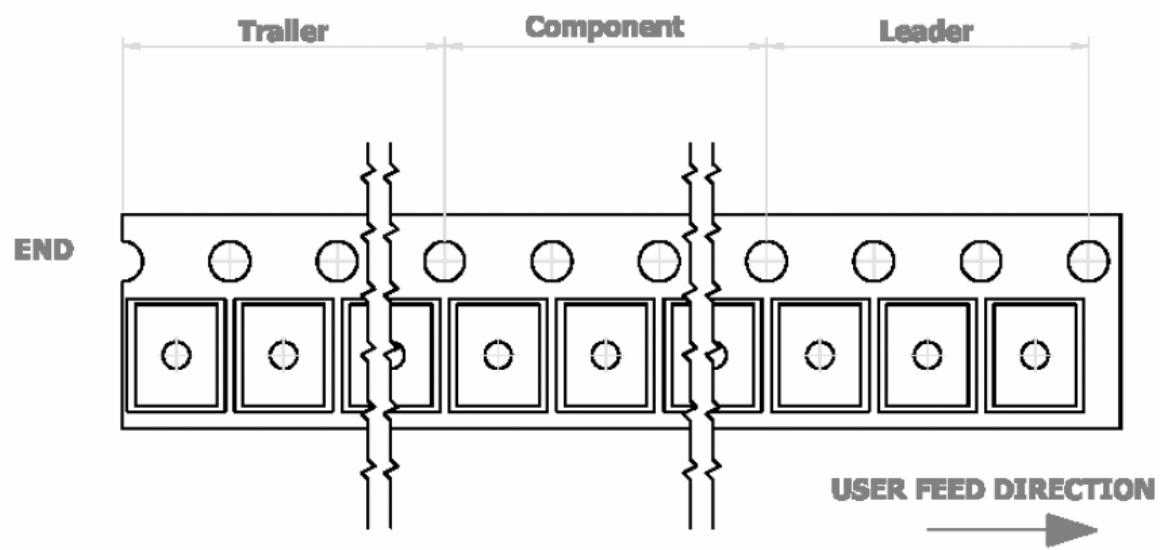
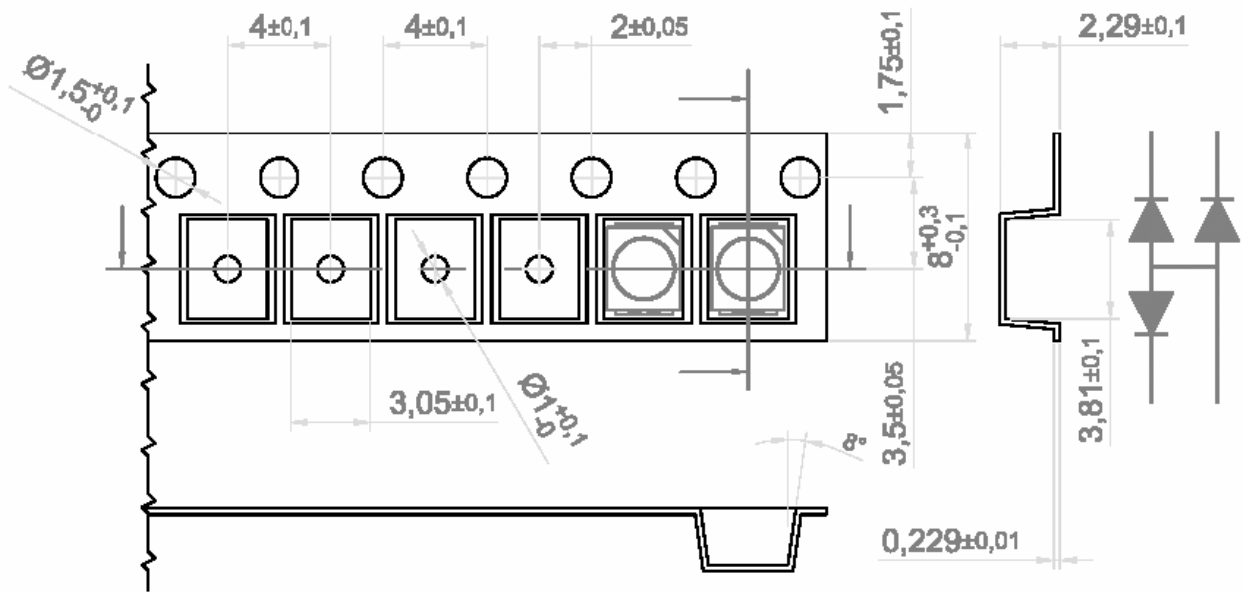
ChromeLED Corp. reserves the right to make changes at any time in order to supply the best product possible. The most current version of this document will always be available at: [www.chromeled.com](http://www.chromeled.com)

## SOLDERING CONDITIONS



ChromeLED Corp. reserves the right to make changes at any time in order to supply the best product possible. The most current version of this document will always be available at: [www.chromeled.com](http://www.chromeled.com)

## REEL PACKAGING



ChromeLED Corp. reserves the right to make changes at any time in order to supply the best product possible. The most current version of this document will always be available at: [www.chromeled.com](http://www.chromeled.com)