

# CL120TWYG4B-3C

Yellow/Hi-Eff Green

3mm, Flanged Cylindrical, 6.1mm Height  
65° viewing angle

DWG BY:  
BL / GP  
03-31-08

CHK BY:  
PL  
03-31-08

QA:  
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\_\_-\_\_-\_\_

MFG:  
\_\_\_\_\_  
\_\_-\_\_-\_\_

REVISION LTR: -

03-31-08



● **Electrical and optical characteristics(Ta=25°C)**

| Parameter                | Symbol            | Condition            | Color                  | Min.       | Typ.       | Max.       | Unit |
|--------------------------|-------------------|----------------------|------------------------|------------|------------|------------|------|
| Forward Voltage          | V <sub>F</sub>    | I <sub>F</sub> =20mA | Yellow<br>Hi-Eff Green | -          | 2.1<br>2.2 | 2.6<br>2.6 | V    |
| Luminous Intensity       | I <sub>v</sub>    | I <sub>F</sub> =20mA | Yellow<br>Hi-Eff Green | -          | 6.0<br>12  | -          | mcd  |
| Reverse Current          | I <sub>R</sub>    | V <sub>R</sub> =5V   | Yellow<br>Hi-Eff Green | -          | -          | 100        | μA   |
| Peak Wave Length         | λ <sub>p</sub>    | I <sub>F</sub> =20mA | Yellow<br>Hi-Eff Green | -          | 585<br>568 | -          | nm   |
| Dominant Wave Length     | λ <sub>d</sub>    | I <sub>F</sub> =20mA | Yellow<br>Hi-Eff Green | 582<br>560 | -<br>-     | 595<br>576 | nm   |
| Spectral Line Half-width | Δλ                | I <sub>F</sub> =20mA | Yellow<br>Hi-Eff Green | -          | 35<br>30   | -          | nm   |
| Viewing Angle            | 2θ <sub>1/2</sub> | I <sub>F</sub> =20mA | Yellow<br>Hi-Eff Green | -          | 65         | -          | deg  |
| Chromaticity Coordinates | X                 | I <sub>F</sub> =20mA | Yellow                 | -          | 0.55       | -          |      |
|                          | Y                 |                      |                        |            | 0.45       |            |      |
| Chromaticity Coordinates | X                 | I <sub>F</sub> =20mA | Hi-Eff Green           | -          | 0.46       | -          |      |
|                          | Y                 |                      |                        |            | 0.54       |            |      |

● **Typical Electro-Optical Characteristics Curves**

