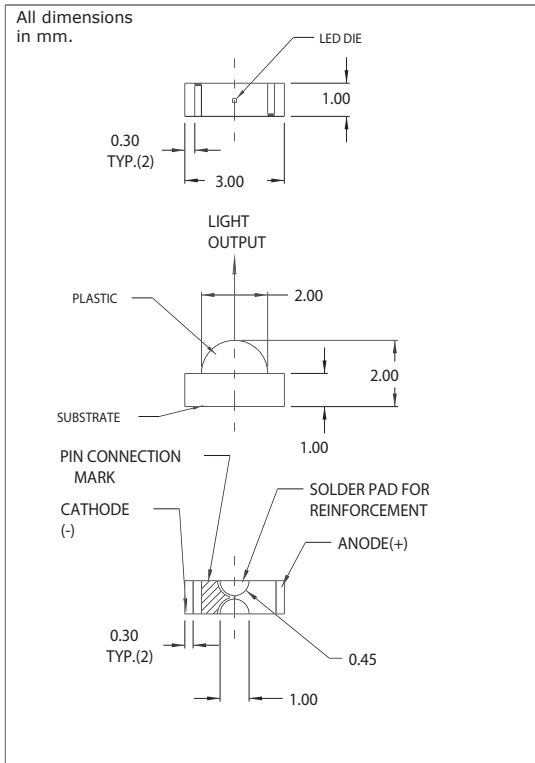


## CMD11504 Series Bright Angle™ Right Angle Surface Mount LED Description and Features



- Right angle mounting.
- Compact size: 3.00mm x 1.00mm x 2.00mm
- High brightness

### Surface Mount Technology

- Tape and reel packaged for high-speed autoinsertion.
- Convection and vapor-phase reflow compatible.
- Compact form enables high density placement.
- Packaged 3000 pieces per reel.
- RoHS Compliant

### Leading Edge LED Optoelectronic Performance

- Consistent high brightness.

### Exceptional Reliability

- Stringent process controls assure quality.
- Extensive qualification testing to meet strictest requirements.
- Designed to permit easy post-reflow solder joint inspection.
- Refer to "Solder Pad Geometry 3.pdf"

## Electro-Optical Characteristics and Ratings

| Part Number | Source (Dice) | Package Color | Luminous Intensity @20ma |            | Forward Voltage |          | Viewing Angle (degrees) | Peak Wavelength (nm) |
|-------------|---------------|---------------|--------------------------|------------|-----------------|----------|-------------------------|----------------------|
|             |               |               | Min. (mcd)               | Typ. (mcd) | Typ. (V)        | Max. (V) |                         |                      |
| CMD11504UR  | Red           | Water Clear   | 6.6                      | 13.2       | 1.7             | 2.0      | 100                     | 660                  |
| CMD11504Y   | Yellow        | Water Clear   | 1.6                      | 3.2        | 2.2             | 2.5      | 100                     | 580                  |
| CMD11504G   | Green         | Water Clear   | 3.0                      | 16.0       | 2.1             | 2.5      | 100                     | 560                  |