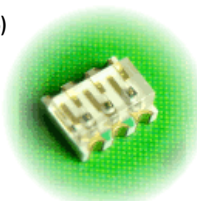
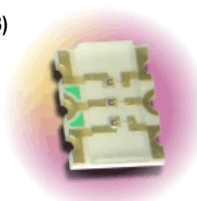
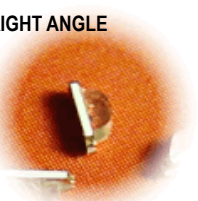
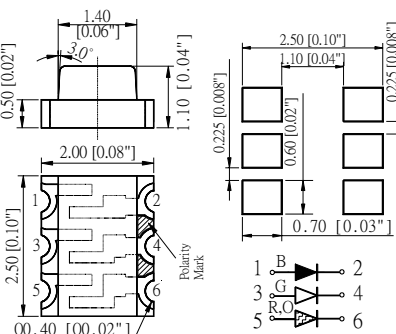
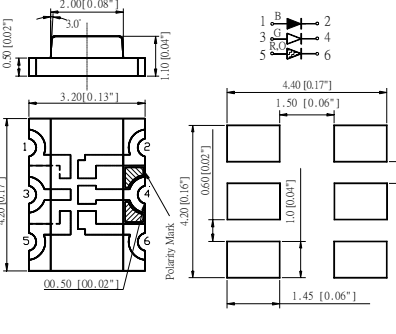
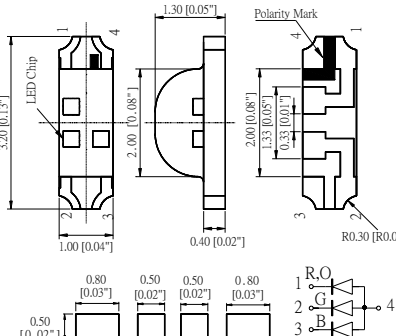


| CM2025 (1008)   |          |               |     | CM3242 (1713)   |                                 |                |                 | CV1332 (1304) RIGHT ANGLE   |   |  |  |
|---|----------|---------------|-----|---|---------------------------------|----------------|-----------------|---|---|--|--|
|  |          |               |     |  |                                 |                |                 |  |   |  |  |
| Part No.  | Material | Emitter Color | Pin | Lens Type   | Wave Length<br>$\lambda_p$ (nm) | At 20mA        |                 | View Angle<br>$2\theta_{1/2}$<br>(deg)  | Package Dimension   |  |  |
|   |          |               |     |   |                                 | Vf (V)<br>Typ. | Iv (mcd)<br>Min |   |   |  |  |
| CM2025BGRC  | ---      | Orange Red    | --- | Water Clear   | 640                             | 2.00           | 80              | 140   |   |  |  |
|   | ---      | Green         | --- | Water Clear   | 520                             | 3.30           | 160             | 140   |   |  |  |
|   | ---      | Blue          | --- | Water Clear   | 460                             | 3.50           | 40              | 140   |   |  |  |
| CM2025BGOC  | ---      | Orange        | --- | Water Clear   | 610                             | 2.20           | 80              | 140   |   |  |  |
|   | ---      | Green         | --- | Water Clear   | 520                             | 3.30           | 160             | 140   |   |  |  |
|   | ---      | Blue          | --- | Water Clear   | 460                             | 3.50           | 40              | 140   |   |  |  |
| CM3242BGRC  | ---      | Orange Red    | --- | Water Clear   | 640                             | 2.00           | 80              | 140   |  |  |  |
|   | ---      | Green         | --- | Water Clear   | 520                             | 3.30           | 160             | 140   |   |  |  |
|   | ---      | Blue          | --- | Water Clear   | 460                             | 3.50           | 40              | 140   |   |  |  |
| CM3242BGOC  | ---      | Orange        | --- | Water Clear   | 610                             | 2.20           | 80              | 140   |   |  |  |
|   | ---      | Green         | --- | Water Clear   | 520                             | 3.30           | 160             | 140   |   |  |  |
|   | ---      | Blue          | --- | Water Clear   | 460                             | 3.50           | 40              | 140   |   |  |  |
| CV1332RGBAC   | ---      | Orange Red    | --- | Water Clear   | 640                             | 2.00           | 80              | 140   |  |  |  |
|   | ---      | Green         | --- | Water Clear   | 520                             | 3.30           | 160             | 140   |   |  |  |
|   | ---      | Blue          | --- | Water Clear   | 460                             | 3.50           | 40              | 140   |   |  |  |
| CV1332OGBAC   | ---      | Orange        | --- | Water Clear   | 610                             | 2.20           | 80              | 140   |   |  |  |
|   | ---      | Green         | --- | Water Clear   | 520                             | 3.30           | 160             | 140   |   |  |  |
|   | ---      | Blue          | --- | Water Clear   | 460                             | 3.50           | 40              | 140   |   |  |  |

## NOTES:

- All dimensions are in millimeters.
- Tolerance is  $\pm 0.2\text{mm}$  unless otherwise specified
- Protruded resin under flange is 1.5mm MAX.
- Specifications are subject to change without notice.