



| Part No.     | Material | λ D (nm) | Lens Type          | Iv (mcd) @20mA |       | Viewing Angle 2θ1/2 | Dimension           |                         |
|--------------|----------|----------|--------------------|----------------|-------|---------------------|---------------------|-------------------------|
|              |          |          |                    | Min.           | Typ.  |                     |                     |                         |
| L-7104SRC-D  | GaAlAs   | 640      | water clear        | 480            | 600   | 34°                 | T-1 (3mm) Round<br> |                         |
| L-7104SRC-E  | GaAlAs   | 640      | water clear        | 650            | 800   | 34°                 |                     |                         |
| L-7104SRD-D  | GaAlAs   | 640      | red diffused       | 110            | 150   | 40°                 |                     |                         |
| L-7104SRD-E  | GaAlAs   | 640      | red diffused       | 180            | 250   | 40°                 |                     |                         |
| L-7104SRD-F  | GaAlAs   | 640      | red diffused       | 280            | 350   | 40°                 |                     |                         |
| L-7104SURC-E | InGaAlP  | 630      | water clear        | 900            | 1300  | 34°                 |                     |                         |
| L-7104SEC    | InGaAlP  | 601      | water clear        | 480            | 1300  | 34°                 |                     |                         |
| L-7104SET    | InGaAlP  | 601      | orange transparent | 480            | 1300  | 34°                 |                     |                         |
| L-7104SED    | InGaAlP  | 601      | orange diffused    | 280            | 800   | 40°                 |                     |                         |
| L-7104SEC-E  | InGaAlP  | 621      | water clear        | 900            | 2000  | 34°                 |                     |                         |
| L-7104SEC-H  | InGaAlP  | 630      | water clear        | 1800           | 3500  | 34°                 |                     |                         |
| L-7104SYC    | InGaAlP  | 588      | water clear        | 280            | 700   | 34°                 |                     |                         |
| L-7104SYT    | InGaAlP  | 588      | yellow transparent | 280            | 700   | 34°                 |                     |                         |
| L-7104SYD    | InGaAlP  | 588      | yellow diffused    | 110            | 250   | 40°                 |                     |                         |
| L-7104SYC-H  | InGaAlP  | 589      | water clear        | 480            | 900   | 34°                 |                     |                         |
| L-7104SGC    | GaP      | 568      | water clear        | 70             | 150   | 34°                 |                     |                         |
| L-7104SGD    | GaP      | 568      | green diffused     | 18             | 40    | 40°                 |                     |                         |
| L-7104CGCK   | InGaAlP  | 570      | water clear        | 110            | 350   | 34°                 |                     |                         |
| L-7104VGC-E  | InGaN    | 525      | water clear        | 1500           | 4000  | 34°                 |                     |                         |
| L-7104PBD-A  | InGaN    | 470      | blue diffused      | 180            | 700   | 30°                 |                     |                         |
| L-7104PBT-A  | InGaN    | 470      | blue transparent   | 180            | 800   | 20°                 |                     |                         |
| L-7104PBC-A  | InGaN    | 470      | water clear        | 180            | 1000  | 20°                 |                     |                         |
| L-7113SRC-DU | GaAlAs   | 640      | water clear        | 900            | 1100  | 20°                 |                     | T-1 3/4 (5mm) Round<br> |
| L-7113SRC-DV | GaAlAs   | 640      | water clear        | 1200           | 1400  | 20°                 |                     |                         |
| L-7113SRC-DW | GaAlAs   | 640      | water clear        | 1500           | 1700  | 20°                 |                     |                         |
| L-7113SRD-D  | GaAlAs   | 640      | red diffused       | 180            | 250   | 30°                 |                     |                         |
| L-7113SRD-E  | GaAlAs   | 640      | red diffused       | 280            | 400   | 30°                 |                     |                         |
| L-7113SRD-F  | GaAlAs   | 640      | red diffused       | 480            | 600   | 30°                 |                     |                         |
| L-7113SURC   | InGaAlP  | 628      | water clear        | 1200           | 1400  | 20°                 |                     |                         |
| L-7113SURC-E | InGaAlP  | 630      | water clear        | 1500           | 2200  | 20°                 |                     |                         |
| L-7113SEC    | InGaAlP  | 601      | water clear        | 650            | 2500  | 20°                 |                     |                         |
| L-7113SET    | InGaAlP  | 601      | orange transparent | 650            | 2500  | 20°                 |                     |                         |
| L-7113SED    | InGaAlP  | 601      | orange diffused    | 380            | 800   | 30°                 |                     |                         |
| L-7113SEC-E  | InGaAlP  | 621      | water clear        | 1500           | 5000  | 20°                 |                     |                         |
| L-7113SEC-H  | InGaAlP  | 630      | water clear        | 3800           | 10000 | 20°                 |                     |                         |
| L-7113SYC    | InGaAlP  | 588      | water clear        | 650            | 2000  | 20°                 |                     |                         |
| L-7113SYT    | InGaAlP  | 588      | yellow transparent | 650            | 2000  | 20°                 |                     |                         |
| L-7113SYD    | InGaAlP  | 588      | yellow diffused    | 180            | 600   | 30°                 |                     |                         |
| L-7113SYC-H  | InGaAlP  | 589      | water clear        | 1500           | 3300  | 20°                 |                     |                         |
| L-7113SGC    | GaP      | 568      | water clear        | 70             | 200   | 20°                 |                     |                         |
| L-7113SGD    | GaP      | 568      | green diffused     | 18             | 40    | 30°                 |                     |                         |
| L-7113CGCK   | InGaAlP  | 570      | water clear        | 380            | 900   | 20°                 |                     |                         |
| L-7113VGC-E  | InGaN    | 525      | water clear        | 2800           | 6000  | 20°                 |                     |                         |
| L-7113PBD-A  | InGaN    | 470      | blue diffused      | 70             | 400   | 20°                 |                     |                         |
| L-7113PBT-A  | InGaN    | 470      | blue transparent   | 280            | 450   | 16°                 |                     |                         |
| L-7113PBC-A  | InGaN    | 470      | water clear        | 280            | 1000  | 16°                 |                     |                         |
| L-7113SRSGW  | GaAlAs   | 640      | white diffused     | 110            | 200   | 35°                 |                     |                         |
|              | GaP      | 568      | white diffused     | 18             | 60    | 35°                 |                     |                         |

**NOTES:**

- All dimensions are in millimeters(inches).
- Tolerance is ±0.25mm(0.01") unless otherwise noted.