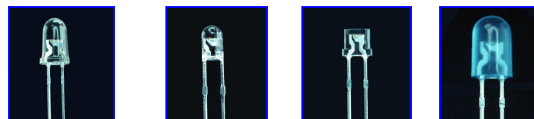


## ULTRA Bright LED Lamps

### Quick Selection Chart 2009



Ø5mm (T-1 $\frac{3}{4}$ ) Ø3mm (T-1) 4x2mm Flat Oval

White

| Package Type               | Emitted Color | CCT                                                       | Lens Color  | Viewing Angle 2 $\theta$ $\frac{1}{2}$ | Iv (mcd)     | Product Code |
|----------------------------|---------------|-----------------------------------------------------------|-------------|----------------------------------------|--------------|--------------|
| Ø 5mm (T-1 $\frac{3}{4}$ ) | White Light   | 6500 - 10000<br>5500 - 6500<br>4500 - 5500<br>2800 - 3200 | Water Clear | 20° ± 2°                               | 18,500       | BL-LBUW5B20C |
|                            |               |                                                           |             | 40° ± 3°                               | 5,800        | BL-LBUW5N40C |
| Milky Diffused             |               |                                                           | 60° ± 5°    | 2,500                                  | BL-LBUW5N60M |              |
| Water Clear                |               |                                                           | 25° ± 2°    | 6,200                                  | BL-LBUW3D25C |              |
|                            |               |                                                           | 60° ± 5°    | 2,800                                  | BL-LBUW5D60D |              |
| 4x2mm Flat Lens            |               |                                                           | 140° ± 5°   | 500                                    | BL-LBUW5FC4C |              |

GaN Blue

| Package Type               | Emitted Color | $\lambda_d$ (nm) | Lens Color    | Viewing Angle 2 $\theta$ $\frac{1}{2}$ | Iv (mcd)     | Product Code |
|----------------------------|---------------|------------------|---------------|----------------------------------------|--------------|--------------|
| Ø 5mm (T-1 $\frac{3}{4}$ ) | Blue          | 470              | Water Clear   | 20° ± 2°                               | 3,400        | PL-LBBL5B18C |
|                            |               |                  |               | 30° ± 3°                               | 1,800        | BL-LBBL5N30C |
| 25° ± 2°                   |               |                  |               | 1,900                                  | BL-LBBL3N25C |              |
| 60° ± 3°                   |               |                  |               | 1,100                                  | BL-LBBL3D60C |              |
| Ø 3mm (T-1)                |               |                  | Blue Diffused | 50° / 20°                              | 950          | PL-LBBL4V50D |
| Oval 4mm                   |               |                  |               |                                        |              |              |

### Brite-LED Optoelectronics

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InGaN Green

| Package Type               | Emitted Color | $\lambda_d$ (nm) | Lens Color     | Viewing Angle 2 $\theta$ $\frac{1}{2}$ | Iv (mcd)     | Product Code |
|----------------------------|---------------|------------------|----------------|----------------------------------------|--------------|--------------|
| Ø 5mm (T-1 $\frac{3}{4}$ ) | Green         | 525              | Water Clear    | 20° ± 2°                               | 10,500       | PL-LBGR5B20C |
|                            |               |                  |                | 30° ± 3°                               | 6,000        | PL-LBGR5N30C |
| 60° ± 5°                   |               |                  |                | 3,000                                  | PL-LBGR3D60C |              |
| Ø 3mm (T-1)                |               |                  | Green Diffused | 50° / 20°                              | 4,200        | PL-LBGR4V50D |
| Oval 4mm                   |               |                  |                |                                        |              |              |

TS AllInGaP Amber and Red

| Package Type               | Emitted Color  | $\lambda_d$ (nm) | Lens Color      | Viewing Angle 2 $\theta$ $\frac{1}{2}$ | Iv (mcd)     | Product Code |
|----------------------------|----------------|------------------|-----------------|----------------------------------------|--------------|--------------|
| Ø 5mm (T-1 $\frac{3}{4}$ ) | Amber          | 590              | Water Clear     | 18° ± 2°                               | 7,800        | PL-LSAM5B18C |
|                            |                |                  |                 | 30° ± 3°                               | 3,800        | PL-LSAM5N30C |
| Milky                      |                |                  | 60° ± 5°        | 1,700                                  | PL-LSAM5N60M |              |
| W. Clear                   |                |                  | 60° ± 5°        | 1,400                                  | PL-LSAM3D60C |              |
| Oval 4mm                   |                |                  | Yellow Diffused | 50° / 20°                              | 3,600        | PL-LTAM4V50D |
|                            |                |                  |                 | 70° / 35°                              | 2,200        | PL-LTAM5V70D |
| Oval 5mm                   | Milky Diffused | 110° / 40°       | 700             | PL-LSAM5VC1M                           |              |              |
| Ø 5mm (T-1 $\frac{3}{4}$ ) | Red            | 626              | Water Clear     | 18° ± 2°                               | 8,400        | PL-LSRE5B18C |
|                            |                |                  |                 | 30° ± 3°                               | 4,500        | PL-LSRE5N30C |
| Milky Diffused             |                |                  | 60° ± 5°        | 1,400                                  | PL-LSRE5N60M |              |
| Oval 4mm                   |                |                  | Red Diffused    | 50° / 20°                              | 3,400        | PL-LTRE4V50D |
|                            |                |                  |                 | 70° / 35°                              | 2,000        | PL-LTRE5V70D |
| Oval 5mm                   |                |                  |                 |                                        |              |              |

Other packages, colors, wavelengths, combinations and options available upon request. Please visit our website and call for more information or for special requests.

**FOR QUICK AND FRIENDLY HELP CONTACT OUR REPRESENTATIVE:**