

## Blue and Low Current LEDs

| Shape     | Part Number | Emitting Color | Emitting Material | Lens-Color    | Wave Length (nm) | Luminous Intensity IF=20mA(mcd)<br>Min. Max. | Viewing Angle | Figure No. |
|-----------|-------------|----------------|-------------------|---------------|------------------|----------------------------------------------|---------------|------------|
| 3mm Round | LUB32D      | Blue           | GaN               | Blue Diffused | 430              | 12.5 - 40                                    | 60°           | 1          |
|           | LUB32C      | Blue           | GaN               | Blue Trans.   | 430              | 20 - 60                                      | 20°           |            |
|           | LUB32W      | Blue           | GaN               | Water Clear   | 430              | 20 - 90                                      | 20°           |            |
| 5mm Round | LUB53D      | Blue           | GaN               | Blue Diffused | 430              | 20 - 60                                      | 60°           | 2          |
|           | LUB53C      | Blue           | GaN               | Blue Trans.   | 430              | 20 - 100                                     | 16°           |            |
|           | LUB53W      | Blue           | GaN               | Water Clear   | 430              | 40 - 150                                     | 16°           |            |

| Shape     | Part Number | Emitting Color | Emitting Material | Lens-Color      | Wave Length (nm) | Luminous Intensity IF=2mA(mcd)<br>Min. Max. | Viewing Angle | Figure No. |
|-----------|-------------|----------------|-------------------|-----------------|------------------|---------------------------------------------|---------------|------------|
| 3mm Round | CUR32D      | Red            | GaAsP/GaP         | Red Diffused    | 625              | 0.8 - 5                                     | 60°           | 1          |
|           | CMR32D      | Red            | GaAlAs            | Red Diffused    | 660              | 8 - 20                                      | 60°           |            |
|           | CUG32D      | Green          | GaP               | Green Diffused  | 565              | 0.8 - 3.2                                   | 60°           |            |
|           | CUY32D      | Yellow         | GaAsP/GaP         | Yellow Diffused | 590              | 0.8 - 3.2                                   | 60°           |            |
| 5mm Round | CUR53D      | Red            | GaAsP/GaP         | Red Diffused    | 625              | 0.8 - 5                                     | 60°           | 2          |
|           | CMR53D      | Red            | GaAlAs            | Red Diffused    | 660              | 8 - 20                                      | 60°           |            |
|           | CUG53D      | Green          | GaP               | Green Diffused  | 565              | 0.8 - 3.2                                   | 60°           |            |
|           | CUY53D      | Yellow         | GaAsP/GaP         | Yellow Diffused | 590              | 0.8 - 3.2                                   | 60°           |            |

