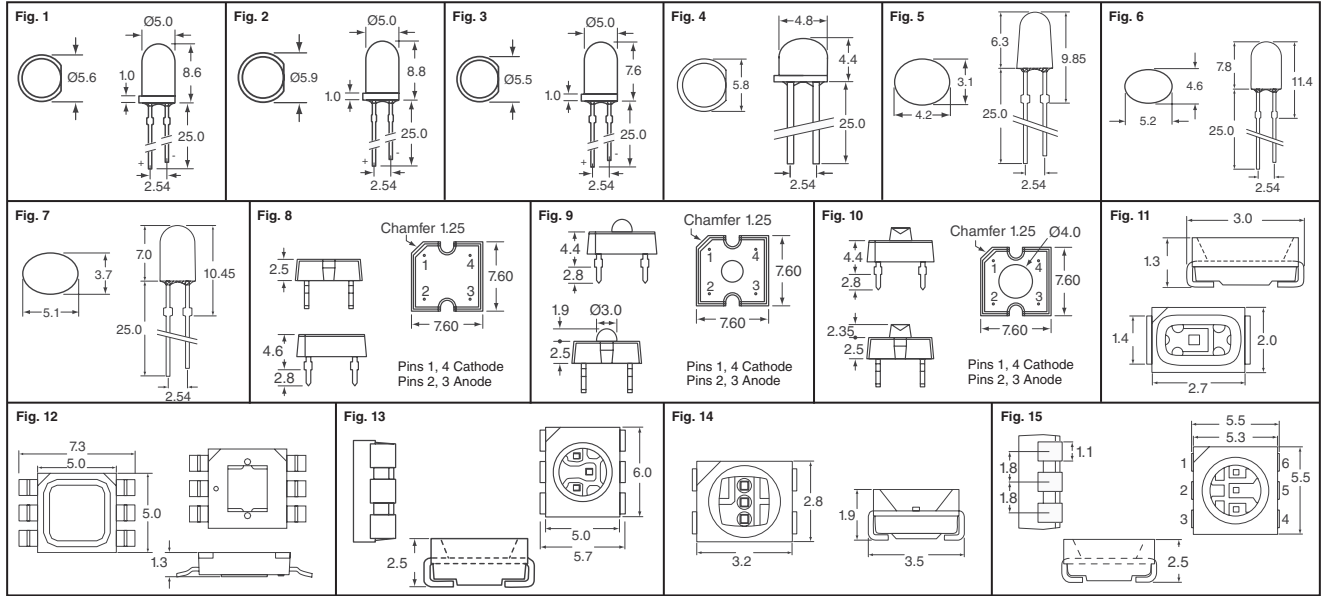




LEDs



| Fig. | Description | Emitted Color | Lens | Peak Wavelength (nm) | VF Typical (V) | IF Max. (mA) | IV @20mA (mcd) | Viewing Angle | Digi-Key Part No. | Pricing | | | Tape and Reel | | Cree Part No. | |
|-------------|-------------|----------------|-----------------|----------------------|----------------|--------------|----------------|-----------------------|-------------------------------|-----------------------|--------|--------|---------------|--------------------|--------------------------|--------------------|
| | | | | | | | | | | 1 | 50 | 100 | Qty. | Pricing | | |
| 1 | 5mm Round | Amber | Water Clear | 591 | 2.1 | 50 | 5,000 | 23° | C503B-ABN-CW020251-ND | 22 | 9.67 | 17.47 | — | — | C503B-ABN-CW020251 | |
| | 5mm Round | Red | Water Clear | 624 | 2.1 | 50 | 5,000 | 23° | C503B-RBN-CW020A1-ND | 22 | 9.67 | 17.47 | — | — | C503B-RBN-CW020A1 | |
| | 5mm Round | Amber | Water Clear | 591 | 2.1 | 50 | 5,000 | 23° | C503B-ABN-CX0Y0341-ND | 25 | 10.74 | 19.41 | — | — | C503B-ABN-CX0Y0341 | |
| | 5mm Round | Red | Water Clear | 624 | 2.1 | 50 | 5,000 | 23° | C503B-RBN-CX0Y0A1-ND | 24 | 10.20 | 18.45 | — | — | C503B-RBN-CX0Y0A1 | |
| | 5mm Round | Red | Water Clear | 624 | 2.1 | 50 | 5,000 | 23° | C503B-RBN-CX0Y0A1-ND | 25 | 10.74 | 19.41 | — | — | C503B-RBN-CX0Y0A1 | |
| | 5mm Round | White | Water Clear | — | 3.2 | 25 | 18,000 | 15° | C503B-WAN-CABB231-ND | 41 | 17.40 | 31.45 | — | — | C503B-WAN-CABB231 | |
| | 5mm Round | White | Water Clear | — | 3.2 | 25 | 18,000 | 15° | C503B-WAN-CBABB231-ND | 45 | 19.34 | 34.95 | — | — | C503B-WAN-CBABB231 | |
| | 5mm Round | White | Water Clear | — | 3.2 | 25 | 18,000 | 15° | C503B-WAN-CCACB151-ND | 48 | 20.62 | 37.27 | — | — | C503B-WAN-CCACB151 | |
| | 5mm Round | White | Water Clear | — | 3.2 | 25 | 18,000 | 15° | C503B-WAN-CCACB231-ND | 55 | 23.84 | 43.10 | — | — | C503B-WAN-CCACB231 | |
| | 5mm Round | Blue | Water Clear | 470 | 3.2 | 25 | 11,000 | 15° | C503B-BAS-CY0C0461-ND | 45 | 19.33 | 34.94 | — | — | C503B-BAS-CY0C0461 | |
| | 5mm Round | Blue | Water Clear | 470 | 3.2 | 25 | 11,000 | 15° | C503B-BAN-CY0C0461-ND | 45 | 19.33 | 34.94 | — | — | C503B-BAN-CY0C0461 | |
| | 5mm Round | Blue | Water Clear | 470 | 3.2 | 25 | 4,100 | 30° | C503B-BCS-CV020461-ND | 45 | 19.33 | 34.94 | — | — | C503B-BCS-CV020461 | |
| | 5mm Round | Green | Water Clear | 527 | 3.2 | 25 | 34,000 | 15° | C503B-BCN-CV020461-ND | 45 | 19.33 | 34.94 | — | — | C503B-BCN-CV020461 | |
| | 5mm Round | Green | Water Clear | 527 | 3.2 | 25 | 34,000 | 15° | C503B-GAS-CB0F0791-ND | 45 | 19.33 | 34.94 | — | — | C503B-GAS-CB0F0791 | |
| | 2 | 5mm Round | Green | Water Clear | 527 | 3.2 | 25 | 12,500 | 30° | C503B-GAN-CB0F0791-ND | 49 | 21.26 | 38.44 | — | — | C503B-GAN-CB0F0791 |
| 5mm Round | | Green | Water Clear | 527 | 3.2 | 25 | 12,500 | 30° | C503B-GCS-CY0C0791-ND | 49 | 21.26 | 38.44 | — | — | C503B-GCS-CY0C0791 | |
| 5mm Round | | White | Water Clear | — | 3.2 | 25 | 24,000 | 15° | C503B-GCN-CY0C0791-ND | 49 | 21.26 | 38.44 | — | — | C503B-GCN-CY0C0791 | |
| 5mm Round | | White | Water Clear | — | 3.2 | 25 | 24,000 | 15° | C503C-WAS-CBADA151-ND | 45 | 19.33 | 34.94 | — | — | C503C-WAS-CBADA151 | |
| 5mm Round | | Red | Water Clear | 624 | 2.1 | 50 | 12,000 | 15° | C503C-WAN-CBADA151-ND | 45 | 19.33 | 34.94 | — | — | C503C-WAN-CBADA151 | |
| 5mm Round | | Red | Water Clear | 624 | 2.1 | 50 | 12,000 | 15° | C503B-RAS-CY0B0A1-ND | 22 | 9.67 | 17.47 | — | — | C503B-RAS-CY0B0A1 | |
| 5mm Round | | Red | Water Clear | 624 | 2.1 | 50 | 5,100 | 30° | C503B-RAN-CY0B0A1-ND | 22 | 9.67 | 17.47 | — | — | C503B-RAN-CY0B0A1 | |
| 5mm Round | | Red | Water Clear | 624 | 2.1 | 50 | 5,100 | 30° | C503B-RCS-CW020A1-ND | 22 | 9.67 | 17.47 | — | — | C503B-RCS-CW020A1 | |
| 5mm Round | | Red | Water Clear | 624 | 2.1 | 50 | 5,100 | 30° | C503B-RCN-CW020A1-ND | 22 | 9.67 | 17.47 | — | — | C503B-RCN-CW020A1 | |
| 5mm Round | | Amber | Water Clear | 591 | 2.1 | 50 | 16,000 | 15° | C503B-AAS-CY0B0251-ND | 22 | 9.67 | 17.47 | — | — | C503B-AAS-CY0B0251 | |
| 5mm Round | | Amber | Water Clear | 591 | 2.1 | 50 | 16,000 | 15° | C503B-AAN-CY0B0251-ND | 22 | 9.67 | 17.47 | — | — | C503B-AAN-CY0B0251 | |
| 5mm Round | | Amber | Water Clear | 591 | 2.1 | 50 | 4,800 | 30° | C503B-ACS-CW0Y0251-ND | 22 | 9.67 | 17.47 | — | — | C503B-ACS-CW0Y0251 | |
| 5mm Round | | Amber | Water Clear | 591 | 2.1 | 50 | 4,800 | 30° | C503B-ACN-CW0Y0251-ND | 22 | 9.67 | 17.47 | — | — | C503B-ACN-CW0Y0251 | |
| 3 | | 5mm Round | White | Water Clear | — | 3.2 | 25 | 4,000 | 55° | C513A-WSN-CV0Y0151-ND | 45 | 19.33 | 34.94 | — | — | C513A-WSN-CV0Y0151 |
| | | 5mm Round | White | Water Clear | — | 3.2 | 25 | 1,400 | 110° | C535A-WJN-CS0V0231-ND | 36 | 15.46 | 27.96 | — | — | C535A-WJN-CS0V0231 |
| | 5mm Round | White | Water Clear | — | 3.2 | 25 | 1,400 | 110° | C535A-WJN-CS0V0231-ND | 40 | 17.40 | 31.45 | — | — | C535A-WJN-CS0V0231 | |
| 4 | 5mm Round | White | Water Clear | — | 3.2 | 25 | 1,400 | 110° | C535A-WJN-CU0V0231-ND | 48 | 20.62 | 37.27 | — | — | C535A-WJN-CU0V0231 | |
| | 5mm Round | White | Water Clear | — | 3.2 | 25 | 1,400 | 110° | C535A-WJN-CU0V0231-ND | 40 | 17.40 | 31.45 | — | — | C535A-WJN-CU0V0231 | |
| | 5mm Round | White | Water Clear | — | 3.2 | 25 | 1,400 | 110° | C535A-WJN-CU0V0231-ND | 48 | 20.62 | 37.27 | — | — | C535A-WJN-CU0V0231 | |
| 5 | 4mm Oval | Blue | Tinted | 470 | 3.4 | 35 | 1,000 | 55x25 | C45MF-BJS-CR0U0452CT-ND | 41 | 19.03 | 36.48 | 3,000 | 222.06/M | C45MF-BJS-CR0U0452 | |
| | 4mm Oval | Green | Tinted | 527 | 3.4 | 35 | 4,000 | 55x25 | C45MF-GJS-CV0Y0792CT-ND | 41 | 19.03 | 36.48 | 3,000 | 222.06/M | C45MF-GJS-CV0Y0792 | |
| | 4mm Oval | Red | Tinted | 621 | 2.1 | 50 | 1,900 | 55x25 | C45MF-RJS-CT0W0B82CT-ND | 26 | 11.90 | 22.80 | 3,000 | 138.79/M | C45MF-RJS-CT0W0B82 | |
| 6 | 5mm Oval | Amber | Tinted | 591 | 2.1 | 50 | 2,500 | 70x35 | C566C-AFS-CU0W0252CT-ND | 26 | 11.90 | 22.80 | 2,500 | 138.79/M | C566C-AFS-CU0W0252 | |
| | 5mm Oval | Blue | Tinted | 470 | 3.4 | 35 | 1,500 | 70x35 | C566C-BFS-CS0W0451-ND | 48 | 20.62 | 37.27 | — | — | C566C-BFS-CS0W0451 | |
| | 5mm Oval | Green | Tinted | 527 | 3.4 | 35 | 5,200 | 70x35 | C566C-GFS-CV0Z0792CT-ND | 41 | 19.03 | 36.48 | 2,500 | 222.06/M | C566C-GFS-CV0Z0792 | |
| | 5mm Oval | Red | Tinted | 621 | 2.1 | 50 | 2,200 | 70x35 | C566C-RFS-CT0W0B82CT-ND | 26 | 11.90 | 22.80 | 2,500 | 138.79/M | C566C-RFS-CT0W0B82 | |
| | 5mm Oval | Red | Tinted | 621 | 2.1 | 50 | 2,200 | 70x35 | C566C-RFS-CT0W0B82CT-ND | 26 | 11.90 | 22.80 | 2,500 | 138.79/M | C566C-RFS-CT0W0B82 | |
| 7 | 5mm Oval | Blue | Tinted | 470 | 3.4 | 35 | 1,100 | 50x20 | C55MF-BJS-CR14042CT-ND | 38 | 15.54 | 26.17 | — | — | C55MF-BJS-CR14042 | |
| | 5mm Oval | Blue | Tinted | 470 | 3.4 | 35 | 1,100 | 40x100 | C55MF-BJS-CR24042CT-ND | 44 | 20.02 | 38.38 | 2,500 | 233.62/M | C55MF-BJS-CR24042 | |
| | 5mm Oval | Green | Tinted | 527 | 3.4 | 35 | 4,400 | 50x20 | C55MF-GJS-CV0Y0792CT-ND | 41 | 19.03 | 36.48 | 2,500 | 222.06/M | C55MF-GJS-CV0Y0792 | |
| | 5mm Oval | Red | Tinted | 621 | 2.1 | 50 | 2,200 | 50x20 | C55MF-RJS-CT0W0B82CT-ND | 26 | 11.90 | 22.80 | 2,500 | 138.79/M | C55MF-RJS-CT0W0B82 | |
| | 5mm Oval | Red | Tinted | 621 | 2.1 | 50 | 2,200 | 50x20 | C55MF-RJS-CT0W0B82CT-ND | 26 | 11.90 | 22.80 | 2,500 | 138.79/M | C55MF-RJS-CT0W0B82 | |
| 8 | 7.6 x 7.6mm | White | Water Clear | — | 3.6 | 30 | 400 | 130° | LP368PWN1-DOG-ND | 54 | 23.20 | 41.93 | — | — | LP368PWN1-DOG | |
| | 7.6 x 7.6mm | Blue | Water Clear | 470 | 3.6 | 30 | 2,475 | 70° | CP41B-BFS-CG0H0454-ND | 55 | 23.84 | 43.90 | — | — | CP41B-BFS-CG0H0454 | |
| | 7.6 x 7.6mm | Green | Water Clear | 527 | 3.6 | 30 | 6,565 | 70° | CP41B-GFS-CL0N0674-ND | 56 | 24.27 | 43.87 | — | — | CP41B-GFS-CL0N0674 | |
| | 7.6 x 7.6mm | Green | Water Clear | 527 | 3.6 | 30 | 6,565 | 70° | CP41B-GFS-CL0N0694-ND | 54 | 23.20 | 41.93 | — | — | CP41B-GFS-CL0N0694 | |
| | 7.6 x 7.6mm | Green | Water Clear | 527 | 3.6 | 30 | 6,565 | 70° | CP41B-GFS-CL0N0784-ND | 56 | 24.27 | 43.87 | — | — | CP41B-GFS-CL0N0784 | |
| | 7.6 x 7.6mm | Green | Water Clear | 527 | 3.6 | 30 | 6,565 | 70° | CP41B-GFS-CM0N0674-ND | 61 | 26.42 | 47.76 | — | — | CP41B-GFS-CM0N0674 | |
| | 7.6 x 7.6mm | Green | Water Clear | 527 | 3.6 | 30 | 6,565 | 70° | CP41B-GFS-CM0N0784-ND | 61 | 26.42 | 47.76 | — | — | CP41B-GFS-CM0N0784 | |
| 7.6 x 7.6mm | White | Water Clear | — | 3.6 | 30 | 5,200 | 60° | CP41B-WFS-CX0P0154-ND | 50 | 21.91 | 39.60 | — | — | CP41B-WFS-CX0P0154 | | |
| 9 | 7.6 x 7.6mm | White | Water Clear | — | 3.6 | 30 | 3,000 | 90° | CP41B-WGS-CX0P0154-ND | 50 | 21.91 | 39.60 | — | — | CP41B-WGS-CX0P0154 | |
| | 7.6 x 7.6mm | Blue | Water Clear | 470 | 3.6 | 30 | 800 | 120° | LP379PBL1-COG-03-ND | 39 | 16.75 | 30.28 | — | — | LP379PBL1-COG-03 | |
| | 7.6 x 7.6mm | Green | Water Clear | 527 | 3.6 | 30 | 2,000 | 120° | CP42S-GKS-ND | 45 | 19.34 | 34.95 | — | — | CP42S-GKS | |
| | 7.6 x 7.6mm | Red | Water Clear | 624 | 2.5 | 70 | 6,000 | 120° | CP42B-RKS-CL0P0A44-ND | 30 | 12.89 | 23.30 | — | — | CP42B-RKS-CL0P0A44 | |
| | 7.6 x 7.6mm | Amber | Water Clear | 591 | 2.5 | 70 | 7,000 | 120° | CP42B-AKS-CM0O0264-ND | 28 | 12.24 | 22.13 | — | — | CP42B-AKS-CM0O0264 | |
| | 7.6 x 7.6mm | Blue | Water Clear | 470 | 3.6 | 30 | 800 | 120° | LP379PBL1-COG-03-ND | 39 | 16.75 | 30.28 | — | — | LP379PBL1-COG-03 | |
| | 7.6 x 7.6mm | Green | Water Clear | 527 | 3.6 | 30 | 2,000 | 120° | CP42S-GKS-ND | 45 | 19.34 | 34.95 | — | — | CP42S-GKS | |
| 10 | 2.7 x 2.0mm | Warm White | Yellow Diffused | 3200K | 3.2 | 25 | 1,120 | 120° | CLM3C-MKW-CWAXB233CT-ND | 40 | 18.44 | 35.34 | 2,500 | 215.12/M | CLM3C-MKW-CWAXB233 | |
| | 2.7 x 2.0mm | Cool White | Yellow Diffused | 5500K | 3.2 | 25 | 1,400 | 120° | CLM3C-MKW-CWBVA453CT-ND | 40 | 18.44 | 35.34 | 2,500 | 215.12/M | CLM3C-MKW-CWBVA453 | |
| | 5 x 5mm | Warm White | Yellow Diffused | 3200K | 3.8 | 350 | 65lm@300mA | 115° | CLN6A-MKW-CJ0K0233CT-ND | 2.55 | 117.77 | 225.72 | 1,100 | 1668.40/M | CLN6A-MKW-CJ0K0233 | |
| 11 | 5 x 5mm | Cool White | Yellow Diffused | 5500K | 3.8 | 350 | 80lm@300mA | 115° | CLN6A-MKW-CJ0K0233CT-ND | 2.55 | 117.77 | 225.72 | 1,100 | 1668.40/M | CLN6A-MKW-CJ0K0233 | |
| | 6.0 x 5.0mm | Cool White | Yellow Diffused | 6800K | 3.8 | 350 | 11,000 | 120° | CLP6B-WKW-CDOE0453CT-ND | 1.11 | 51.15 | 98.04 | 900 | 844.01 | CLP6B-WKW-CDOE0453 | |
| | 6.0 x 5.0mm | Red/Green/Blue | White Diffused | 630/527/470 | 2.0/3.2/3.2 | 50/50/50 | 700/1,600/400 | 120° | CLP6C-FKB-CM101H1BB7R3R3CT-ND | 1.13 | 52.34 | 100.32 | 900 | 863.64 | CLP6C-FKB-CM101H1BB7R3R3 | |
| 12 | 3.2 x 2.8mm | Red/Green/Blue | White Diffused | 630/527/470 | 2.0/3.2/3.2 | 50/25/25 | 550/850/320 | 120° | CLV1A-FKB-CJ1M1F1BB7R4S3CT-ND | 0.78 | 35.69 | 68.40 | 2,000 | 505.58/M | CLV1A-FKB-CJ1M1F1BB7R4S3 | |
| | 5.5 x 5.5mm | Red/Green/Blue | White Diffused | 621/5530/470 | 2.0/3.2/3.2 | 50/35/35 | 700/1,600/400 | 120° | CLV6A-FKB-CX1P1G1BB7R3R3CT-ND | 0.78 | 35.69 | 68.40 | 900 | 455.02 | CLV6A-FKB-CX1P1G1BB7R3R3 | |