

EVERLIGHT High Brightness and High Power LEDs EVERLIGHT

RoHS Compliant This product is RoHS compliant.

LED Lighting

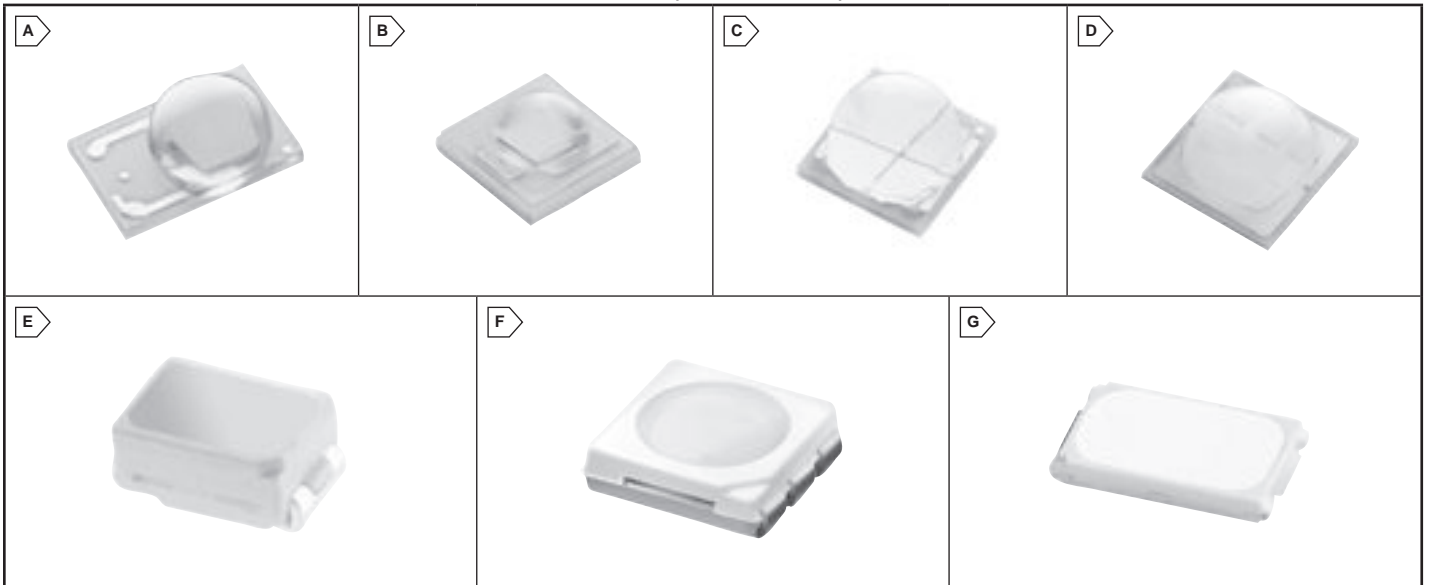
Everlight

NEW AT MOUSER

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HI-POWER LEDS

| MOUSER STOCK NO. | Everlight Part No. | Fig. | Color | Wavelength/Color Temp. | Luminous Flux (lm) | Power (W) | Voltage (VDC) | Current (mA) | Viewing Angle (°) | Price Each | | | | |
|----------------------|------------------------|------|---------------|------------------------|--------------------|-----------|---------------|--------------|-------------------|------------|------|------|------|--|
| | | | | | | | | | | 1 | 50 | 100 | 500 | |
| 1 Watt, 350mA | | | | | | | | | | | | | | |
| 638-SHF51R10LPMAR5R6 | ELSH-F51R1-0LPNM-AR5R6 | A | Red | 630 | 52 | 1 | 2.95 | 350 | 110 | 4.54 | 3.68 | 3.11 | 2.27 | |
| 638-SHF51O10LPMAR3R4 | ELSH-F51O1-0LPNM-AR3R4 | A | Orange | 620 | 52 | 1 | 2.95 | 350 | 120 | 4.54 | 3.68 | 3.11 | 2.27 | |
| 638-SHF41Y1-PNMAA3A5 | ELSH-F41Y1-0LPNM-AA3A5 | A | Amber | 592 | 45 | 1 | 2.95 | 350 | 120 | 4.54 | 3.68 | 3.11 | 2.27 | |
| 638-SHF71G1-PNMG2G3 | ELSH-F71G1-0LPNM-CG2G3 | A | Green | 535 | 70 | 1 | 3.85 | 350 | 120 | 6.39 | 5.12 | 4.26 | 3.41 | |
| 638-SHE61B1-PNMCB7B8 | ELSH-E61B1-0LPNM-CB7B8 | A | Blue | 470 | 13 | 1 | 3.85 | 350 | 120 | 3.98 | 3.23 | 2.73 | 1.99 | |
| 638-SHF71M10LPGSC300 | ELSH-F71M1-0LPGS-C3000 | A | Warm White | 3000 K | 70 | 1 | 3.85 | 350 | 120 | 4.84 | 3.87 | 3.23 | 2.58 | |
| 638-SHF81N10LPGSC400 | ELSH-F81N1-0LPGS-C4000 | A | Neutral White | 4000 K | 80 | 1 | 3.85 | 350 | 120 | 4.84 | 3.87 | 3.23 | 2.58 | |
| 638-SHF91C10LPGSC570 | ELSH-F91C1-0LPGS-C5700 | A | White | 5700 K | 90 | 1 | 3.85 | 350 | 120 | 4.54 | 3.68 | 3.11 | 2.27 | |
| 638-SHF91C10LPGSC650 | ELSH-F91C1-0LPGS-C6500 | A | Cool White | 6500 K | 90 | 1 | 3.85 | 350 | 120 | 4.54 | 3.68 | 3.11 | 2.27 | |
| 3 Watt, 700mA | | | | | | | | | | | | | | |
| 638-SHQ61F10LPMBF3F8 | ELSH-Q61F1-0LPNM-BF3F8 | A | Far Red | 745 | 125 | 3 | 2.95 | 700 | 110 | 5.34 | 4.28 | 3.56 | 2.85 | |
| 638-SHF81R30LPMBR4R6 | ELSH-F81R3-0LPNM-BR4R6 | A | Red | 630 | 80 | 3 | 2.95 | 700 | 110 | 5.41 | 4.34 | 3.61 | 2.89 | |
| 638-SHF81Y30LPMAA3A5 | ELSH-F81Y3-0LPNM-AA3A5 | A | Amber | 592 | 80 | 3 | 2.95 | 700 | 110 | 5.41 | 4.34 | 3.61 | 2.89 | |
| 638-SHF91G30LPMDG1G3 | ELSH-F91G3-0LPNM-DG1G3 | A | Green | 535 | 90 | 3 | 4.15 | 700 | 110 | 6.90 | 5.54 | 4.61 | 3.69 | |
| 638-SHE81B30LPMD6B8 | ELSH-E81B3-0LPNM-DB6B8 | A | Blue | 470 | 20 | 3 | 4.15 | 700 | 110 | 5.41 | 4.34 | 3.61 | 2.89 | |
| 638-SHJ21M30LPGSD300 | ELSH-J21M3-0LPGS-D3000 | A | Warm White | 3000 K | 110 | 3 | 4.15 | 700 | 120 | 6.68 | 5.36 | 4.46 | 3.57 | |
| 638-SHJ61C30LPGSD570 | ELSH-J61C3-0LPGS-D5700 | A | White | 5700 K | 150 | 3 | 4.15 | 700 | 120 | 5.60 | 4.49 | 3.73 | 2.99 | |
| 638-SHJ61C30LPGSD650 | ELSH-J61C3-0LPGS-D6500 | A | Cool White | 6500 K | 150 | 3 | 4.15 | 700 | 120 | 5.60 | 4.49 | 3.73 | 2.99 | |
| 1 Watt, 350mA | | | | | | | | | | | | | | |
| 638-SWF51R10LPMAR5R6 | ELSW-F51R1-0LPNM-AR5R6 | B | Red | 630 | 52 | 1 | 2.65 | 350 | 115 | 3.98 | 3.23 | 2.73 | 1.99 | |
| 638-SWF81G10LPMCG1G2 | ELSW-F81G1-0LPNM-CG1G2 | B | Green | 530 | 80 | 1 | 3.85 | 350 | 115 | 6.01 | 4.82 | 4.00 | 3.20 | |
| 638-SWE71B10LPMCB7B8 | ELSW-E71B1-0LPNM-CB7B8 | B | Blue | 470 | 17 | 1 | 3.85 | 350 | 115 | 3.98 | 3.23 | 2.73 | 1.99 | |
| 638-SWF71M10LPGSC300 | ELSW-F71M1-0LPGS-C3000 | B | Warm White | 3000 K | 70 | 1 | 3.85 | 350 | 115 | 4.84 | 3.87 | 3.23 | 2.58 | |
| 638-SWF91C10LPGSC650 | ELSW-F91C1-0LPGS-C6500 | B | Cool White | 6500 K | 90 | 1 | 3.85 | 350 | 115 | 4.54 | 3.68 | 3.11 | 2.27 | |
| 3 Watt, 700mA | | | | | | | | | | | | | | |
| 638-SWJ61C30LPGSD570 | ELSW-J61C3-0LPGS-D5700 | B | White | 5700 K | 150 | 3 | 4.15 | 700 | 115 | 5.60 | 4.49 | 3.73 | 2.99 | |
| 638-SWJ61C30LPGSD650 | ELSW-J61C3-0LPGS-D6500 | B | Cool White | 6500 K | 150 | 3 | 4.15 | 700 | 115 | 5.60 | 4.49 | 3.73 | 2.99 | |
| 5 Watt, 700mA | | | | | | | | | | | | | | |
| 638-YIK32M50LPGSP300 | ELYI-K32M5-0LPGS-P3000 | C | Warm White | 3000 K | 275 | 5 | 8 | 700 | 105 | 9.01 | 7.87 | 7.43 | 6.98 | |
| 638-YIK62C50LPGSP570 | ELYI-K62C5-0LPGS-P5700 | C | White | 5700 K | 350 | 5 | 8 | 700 | 105 | 8.43 | 7.36 | 6.95 | 6.53 | |
| 638-YIK62C50LPGSP650 | ELYI-K62C5-0LPGS-P6500 | C | Cool White | 6500 K | 350 | 5 | 8 | 700 | 105 | 8.43 | 7.36 | 6.95 | 6.53 | |

STANDARD LED SMD (SUPER BRIGHT)

| MOUSER STOCK NO. | Everlight Part No. | Fig. | Color | Color Temp. (K) | Luminous Intensity Typ (mcd) | Typical DC (Vf) | Current (mA) | Viewing Angle (°) | Price Each | | | | | |
|----------------------|-------------------------------|------|-------|-----------------|------------------------------|-----------------|--------------|-------------------|------------|------|-----|-----|--|--|
| | | | | | | | | | 1 | 50 | 100 | 500 | | |
| PLCC-2 | | | | | | | | | | | | | | |
| 638-3528QB45562C4CB2 | GT3528/Q2C-B45562C4CB2/2T | D | White | 5000 | 2400 | 3.2 | 30 | 120 | .34 | .27 | .19 | .14 | | |
| 638-3528QB50632C4CB2 | GT3528/Q2C-B50632C4CB2/2T | D | White | 5500 | 2400 | 3.2 | 30 | 120 | .34 | .27 | .19 | .14 | | |
| 638-3020QB2832AC2CB2 | GT3020/Q2C-B2832AC2CB2/2T | E | White | 3000 | 2200 | 3.2 | 30 | 120 | .34 | .27 | .19 | .14 | | |
| 638-3020QB4556AC2CB2 | GT3020/Q2C-B4556AC2CB2/2T | E | White | 5000 | 2200 | 3.2 | 30 | 120 | .34 | .27 | .19 | .14 | | |
| 638-3020QB5063AC2CB2 | GT3020/Q2C-B5063AC2CB2/2T | E | White | 5500 | 2200 | 3.2 | 30 | 120 | .34 | .27 | .19 | .14 | | |
| 638-238QKB2832FAGBE | 61-238/QK2C-B2832FAGB2/ET | F | White | 3000 | 6000 | 3.2(3) | 30 | 120 | .82 | .68 | .58 | .44 | | |
| 638-238QKB45562FAGBE | 61-238/QK2C-B45562FAGB2/ET | F | White | 5000 | 6000 | 3.2(3) | 30 | 120 | .82 | .68 | .58 | .44 | | |
| 638-238QKB50632FAGBE | 61-238/QK2C-B50632FAGB2/ET | F | White | 6000 | 6000 | 3.2(3) | 30 | 120 | .82 | .68 | .58 | .44 | | |
| 638-227BLKN3030N4P3S | 62-227B/LK2C-N3030N4P3S2Z6/2T | G | White | 3000 | 3000 | 6.4 | 100 | 120 | 1.28 | 1.04 | .88 | .64 | | |
| 638-227BKKN3030N4P3S | 62-227B/KK2C-N3030N4P3S2Z6/2T | G | White | 3000 | 3000 | 6.4 | 100 | 120 | 1.28 | 1.04 | .88 | .64 | | |
| 638-227BLKN4040N4P3S | 62-227B/LK2C-N4040N4P3S2Z6/2T | G | White | 4000 | 4000 | 6.4 | 100 | 120 | 1.16 | .95 | .80 | .58 | | |
| 638-227BKKN5757P3P4S | 62-227B/LK2C-N5757P3P4S2Z6/2T | G | White | 5700 | 5700 | 6.4 | 100 | 120 | 1.16 | .95 | .80 | .58 | | |