

High-Output LEDs

3 LEVELS OF SAVINGS
NAME BRANDS **HOUSE BRANDS** **FACTORY OVERRUN**

High-Output LEDs

• Typical DC forward current 20mA

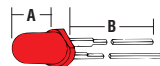


Fig. 1

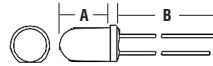


Fig. 2

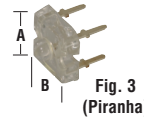


Fig. 3
(Piranha)

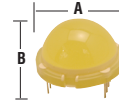


Fig. 4

★ Web Code: RBJ

* Order in multiples of 10

| Part No. | Product No. | *Mfr. | Fig. | Emitting Color | Lens/Feature Description | LED Size | Diameter inch/mm | Dimensions | | Lead Spacing | Typical Vf | Typical mcd | Wavelength nm | Viewing Angle° | Pricing | | | |
|----------|--------------------|-------|------|-----------------|---------------------------|-----------|------------------|------------|------|--------------|------------|-------------|---------------|----------------|---------|--------|--------|--------|
| | | | | | | | | A" | B" | | | | | | 1 | 10 | 100 | 1000 |
| 98950 | QLMP-LM98 | AVT | 2 | Green | Green clear (oval) | T1 | 0.119/3 | 0.28 | 0.94 | 0.10 | 3.2 | 2400 | 525 | 70 | * | \$.19 | \$.15 | \$.12 |
| 217525 | MCDPW-3004C | JVP | 2 | White | Water clear | T1 | 0.119/3 | 0.18 | 1.00 | 0.10 | 3.8 | 3000 | — | 30 | 1.39 | 1.25 | 1.09 | .99 |
| 197641 | BVT-529TTBE | JVP | 2 | Yellow | Yellow clear (oval) | T1 ½ | 0.178/4.5 | 0.29 | 1.09 | 0.08 | 2.3 | 3600 | 592 | 70 | .59 | .49 | .39 | .35 |
| 2006801 | LTL-2H3VAKNT | LTO | 1 | Red | Water clear, flanged | T1 ¾ | 0.197/5 | 0.34 | 0.87 | 0.10 | 2.0 | 3400 | 621 | 15 | .49 | .39 | .29 | .25 |
| 197617 | BVU-5E1QH4E | JVP | 1 | Red | Water clear | T1 ¾ | 0.197/5 | 0.30 | 1.05 | 0.08 | 1.8 | 2180 | 630 | 15 | .29 | .25 | .19 | .15 |
| 334423 | UT9C13-86-UDC2 | JVP | 1 | Red | Water clear | T1 ¾ | 0.197/5 | 0.34 | 0.98 | 0.10 | 1.9 | 2700 | 630 | 18 | .25 | .21 | .19 | .16 |
| 333518 | LUR13233 | JVP | 1 | Red | Water clear | T1 ¾ | 0.197/5 | 0.35 | 0.98 | 0.10 | 1.5 | 2400 | 660 | 18 | .25 | .21 | .19 | .16 |
| 333526 | LUR3833 | JVP | 1 | Red | Water clear | T1 ¾ | 0.197/5 | 0.35 | 0.98 | 0.10 | 1.5 | 2700 | 660 | 12 | .25 | .21 | .19 | .16 |
| 1586189 | UT1813-83-UJEI | LED | 1 | Red | Water clear | T1 ¾ | 0.197/5 | 0.34 | 1.00 | 0.10 | 2.1 | 5500 | 632 | 25 | .39 | .35 | .29 | .19 |
| 1584917 | HLMP-EG08-Y2000 | AVT | 1 | Red | Red untinted/non-diffused | T1 ¾ | 0.197/5 | 0.34 | 1.20 | 0.10 | 1.9 | 9300 | 635 | 6 | .59 | .45 | .35 | .29 |
| 261622 | LT1873-81-UR-P22 | LED | 2 | Red | Water clear | T1 ¾ | 0.197/5 | 0.34 | 0.89 | 0.10 | 1.9 | 1200 | 660 | 25 | .25 | .21 | .19 | .16 |
| 333447 | UT1873-81-UR-P22R | JVP | 2 | Super Red | Water clear | T1 ¾ | 0.197/5 | 0.34 | 0.89 | 0.10 | 1.9 | 1600 | 660 | 25 | .25 | .21 | .19 | .16 |
| 152806 | LT1873-81-UR | LED | 1 | Ult. Bright Red | Water clear | T1 ¾ | 0.197/5 | 0.34 | 0.89 | 0.10 | 1.9 | 2000 | 660 | 12 | * | .19 | .15 | .12 |
| 334482 | UT1813-86-UC9F-P27 | JVP | 1 | Ult. Bright Red | Water clear | T1 ¾ | 0.197/5 | 0.34 | 0.94 | 0.10 | 2.2 | 3500 | 630 | 15 | .49 | .45 | .35 | .29 |
| 197683 | BVT-5E1QT4ER | JVP | 1 | Orange Red | Water clear | T1 ¾ | 0.197/5 | 0.29 | 1.08 | 0.08 | 2.3 | 4650 | 634 | 15 | .59 | .55 | .45 | .39 |
| 2006799 | LTL-2R3VYKNT | LTO | 1 | Orange | Water clear, flanged | T1 ¾ | 0.197/5 | 0.34 | 0.87 | 0.10 | 2.0 | 1300 | 595 | 30 | * | .15 | .12 | .10 |
| 333665 | LEF3833 | JVP | 1 | Orange | Water clear | T1 ¾ | 0.197/5 | 0.34 | 0.98 | 0.10 | 1.7 | 1700 | 620 | 12 | .29 | .22 | .19 | .16 |
| 333649 | LHE3833 | JVP | 1 | Orange | Water clear | T1 ¾ | 0.197/5 | 0.34 | 0.98 | 0.10 | 1.7 | 1800 | 620 | 20 | * | .19 | .15 | .12 |
| 333657 | LUE3833 | JVP | 2 | Orange | Water clear | T1 ¾ | 0.197/5 | 0.34 | 0.94 | 0.10 | 2.1 | 3400 | 620 | 20 | .39 | .35 | .25 | .19 |
| 333673 | LUE3833 | JVP | 2 | Orange | Water clear | T1 ¾ | 0.197/5 | 0.34 | 0.94 | 0.10 | 2.1 | 5000 | 620 | 12 | .39 | .35 | .25 | .19 |
| 215598 | LT2K33-81-UC9TR | LED | 1 | Yellow | Water clear | T1 ¾ | 0.197/5 | 0.35 | 0.89 | 0.10 | 2.2 | 5000 | 592 | 5 | .49 | .39 | .35 | .29 |
| 333577 | LUYS3333 | JVP | 1 | Yellow | Water clear | T1 ¾ | 0.197/5 | 0.34 | 0.98 | 0.10 | 1.7 | 2700 | 587 | 20 | .39 | .35 | .25 | .19 |
| 333614 | LUY3833H | JVP | 1 | Yellow | Water clear | T1 ¾ | 0.197/5 | 0.34 | 0.98 | 0.10 | 1.7 | 5000 | 590 | 12 | .45 | .39 | .29 | .25 |
| 333569 | LUY3333/A | JVP | 1 | Yellow | Water clear | T1 ¾ | 0.197/5 | 0.35 | 1.00 | 0.10 | 1.7 | 1500 | 595 | 20 | * | .15 | .12 | .10 |
| 333593 | LHY3833 | JVP | 1 | Yellow | Water clear | T1 ¾ | 0.197/5 | 0.35 | 1.00 | 0.10 | 1.7 | 1500 | 595 | 20 | .29 | .22 | .19 | .16 |
| 333606 | LHY3833 | JVP | 2 | Yellow | Water clear | T1 ¾ | 0.197/5 | 0.34 | 0.94 | 0.10 | 2.1 | 2700 | 595 | 12 | * | .15 | .12 | .10 |
| 197675 | BVT-5E1TT4E | JVP | 2 | Yellow | Water clear | T1 ¾ | 0.197/5 | 0.34 | 1.00 | 0.10 | 2.3 | 7800 | 592 | 15 | .55 | .49 | .39 | .35 |
| 2006772 | LTL-2H3VYKNJ1 | LTO | 1 | Amber/Yellow | Water clear, flanged | T1 ¾ | 0.197/5 | 0.34 | 0.87 | 0.10 | 2.0 | 3400 | 595 | 15 | * | .15 | .12 | .10 |
| 2006781 | LTL-2R3SYKS | LTO | 1 | Amber | Water clear, flanged | T1 ¾ | 0.197/5 | 0.34 | 0.87 | 0.10 | 2.2 | 2800 | 594 | 30 | .39 | .35 | .25 | .19 |
| 334473 | LDGL3333/H0 | JVP | 1 | Green | Water clear | T1 ¾ | 0.197/5 | 0.34 | 0.98 | 0.10 | 3.5 | 3400 | 502 | 22 | .79 | .69 | .65 | .59 |
| 183214 | MCDPG-503PC1 | JVP | 1 | Green | Water clear | T1 ¾ | 0.197/5 | 0.30 | 1.04 | 0.08 | 3.5 | 2200 | 515 | 10-15 | 1.49 | 1.35 | 1.19 | 1.09 |
| 1586197 | UT4123-4D-UBC | LED | 1 | Green | Water clear | T1 ¾ | 0.197/5 | 0.32 | 1.00 | 0.10 | 3.0 | 2500 | 500 | 28 | .55 | .45 | .35 | .29 |
| 2077079 | HLMP-CM39-UVCCD | AGT | 2 | Green | Untinted/non-diffused | T1 ¾ | 0.197/5 | 0.34 | 0.94 | 0.10 | 3.2 | 5000 | 535 | 30 | .49 | .45 | .39 | .35 |
| 183222 | MCDL-513SBC4 | JVP | 1 | Blue | Water clear | T1 ¾ | 0.197/5 | 0.29 | 1.02 | 0.08 | 3.6 | 3000 | 470 | 25 | 1.39 | 1.25 | 1.09 | .99 |
| 1584870 | HLMP-CW30-SV000 | AVT | 1 | White | Untinted/non-diffused | T1 ¾ | 0.197/5 | 0.34 | 1.20 | 0.10 | 3.6 | 1900 | — | 30 | 1.39 | 1.25 | 1.09 | .99 |
| 334502 | LWK3333 | JVP | 1 | White | Water clear | T1 ¾ | 0.197/5 | 0.34 | 0.98 | 0.10 | 3.5 | 5000 | — | 16 | .89 | .79 | .65 | .59 |
| 334773 | UT18W3-86-UAF1-P22 | JVP | 1 | White | Water clear | T1 ¾ | 0.197/5 | 0.34 | 1.00 | 0.10 | 3.6 | 2900 | — | 25 | 1.35 | 1.25 | 1.09 | .99 |
| 183231 | BVU-5C14WK4-B | JVP | 1 | White | Water clear | T1 ¾ | 0.197/5 | 0.30 | 1.06 | 0.08 | 3.5 | 3000 | — | 10 | 1.35 | 1.25 | 1.09 | .99 |
| 142894 | BVU-5E1WK4-B | JVP | 1 | White | Water clear | T1 ¾ | 0.197/5 | 0.34 | 0.79 | 0.08 | 3.5 | 3700 | — | 15 | 1.35 | 1.25 | 1.09 | .99 |
| 1870796 | MV8W00 | FSC | 1 | White | Water clear | T1 ¾ | 0.197/5 | 0.33 | 1.00 | 0.10 | 3.8 | 2500 | — | 20 | 2.49 | 2.29 | 2.09 | 1.95 |
| 320531 | MCDL-5013UWC | JVP | 1 | White | Water clear | T1 ¾ | 0.197/5 | 0.30 | 1.00 | 0.10 | 3.8 | 5000 | — | 15 | .99 | .89 | .75 | .65 |
| 2077061 | EM-503QWC-R12 | JVP | 2 | White | Water clear | T1 ¾ | 0.197/5 | 0.34 | 1.00 | 0.10 | 4.5 | 5000 | — | 25 | .99 | .89 | .75 | .65 |
| 2005702 | LTL912VEKSA | LTO | 3 | Red | Water clear (7.62mm sq.) | 3mm dome | 0.119/3 | 0.30 | 0.30 | 0.20 | 2.1 | 1200 | 632 | 50 | .49 | .45 | .35 | .29 |
| 664405 | MCDL-1860UEC-TL | JVP | 3 | Hi-Eff Red | Water clear (7.62mm sq.) | 3mm dome | 0.119/3 | 0.30 | 0.30 | 0.20 | 2.0 | 3200 | 625 | 75 | .85 | .75 | .59 | .55 |
| 1952222 | LTL912SEKSA | LTO | 3 | Hi-Eff Red | Water clear (7.62mm sq.) | 3mm dome | 0.119/3 | 0.30 | 0.30 | 0.20 | 2.5 | 3750 | 628 | 60 | .59 | .55 | .45 | .39 |
| 664413 | MCDL-1870UEC-TL | JVP | 3 | Hi-Eff Red | Water clear (7.62mm sq.) | 3mm dome | 0.119/3 | 0.30 | 0.30 | 0.20 | 2.0 | 4200 | 625 | 40 | .85 | .75 | .59 | .55 |
| 2005690 | LTL911VYKSA | LTO | 3 | Amber | Water clear (7.62mm sq.) | 3mm dome | 0.119/3 | 0.30 | 0.30 | 0.20 | 2.1 | 600 | 595 | 70 | .39 | .35 | .25 | .19 |
| 2005729 | LTL9145YKS | LTO | 3 | Amber | Water clear (7.62mm sq.) | 3mm dome | 0.119/3 | 0.30 | 0.30 | 0.20 | 2.5 | 2000 | 596 | 70 | .59 | .55 | .45 | .39 |
| 404603 | MCDL-1860UGC-TL | JVP | 3 | Green | Water clear (7.62mm sq.) | 3mm dome | 0.119/3 | 0.30 | 0.30 | 0.20 | 3.5 | 3500 | 525 | 75 | 1.49 | 1.35 | 1.19 | 1.09 |
| 664376 | MCDL-1870UGC-TL | JVP | 3 | Green | Water clear (7.62mm sq.) | 3mm dome | 0.119/3 | 0.30 | 0.30 | 0.20 | 3.5 | 7500 | 525 | 30 | 1.49 | 1.35 | 1.19 | 1.09 |
| 404591 | MCDL-1860UBC-15C | JVP | 3 | Blue | Water clear (7.62mm sq.) | 3mm dome | 0.119/3 | 0.30 | 0.30 | 0.20 | 3.5 | 2500 | 470 | 75 | 1.49 | 1.35 | 1.19 | 1.09 |
| 664368 | MCDL-1870UBC-TL | JVP | 3 | Blue | Water clear (7.62mm sq.) | 3mm dome | 0.119/3 | 0.30 | 0.30 | 0.20 | 3.5 | 2300 | 470 | 40 | 1.49 | 1.35 | 1.19 | 1.09 |
| 664341 | MCDL-1870UWC-15C | JVP | 3 | White | Water clear (7.62mm sq.) | 3mm dome | 0.119/3 | 0.30 | 0.30 | 0.20 | 3.5 | 6500 | — | 40 | 1.69 | 1.55 | 1.39 | 1.29 |
| 404582 | MCDL-1860UWC-15C | JVP | 3 | Ultra White | Water clear (7.62mm sq.) | 3mm dome | 0.119/3 | 0.30 | 0.30 | 0.20 | 3.5 | 3500 | — | 75 | 1.69 | 1.55 | 1.39 | 1.29 |
| 2005737 | LTLJ-811Y | LTO | 4 | Yellow | Sphere lens (12-pin) | 20mm dome | 0.8/20 | 0.91 | 0.53 | 0.60 | 2.1 | 25 | 565 | 30 | .99 | .89 | .75 | .65 |

* AGT = Agilent | AVT = Avago Technology | FSC = Fairchild Semi | JVP = Jameco ValuePro | LED = Ledtech | LTO = Lite-On

RoHS compliant product + This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 190.