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# T1½ (4.5mm) Midget Wedge-Based LED Lamps

Direct Incandescent Replacement -- Up to 90% Energy Savings

1-chip Sunlight-Viz

6-chip Hi-Efficiency

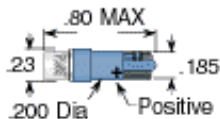
Replaces Incandescent: 56, 79, 84, 86 (5V) 18, 37, 73, 74 (12/14V) 17, 85 (24/28V)

All dimensions in inches. For millimeters multiply by 25.4

See below for [Custom Optional Configurations](#)



WF150



| Order Mark   | Part Number    | Retail Price (Volume Price Available) | Min. Order Qty | Electrical-Optical Characteristics (T <sub>a</sub> = 25°C) |                  |                 | Illumination Angle | Custom Options                |
|--|----------------|---------------------------------------|----------------|--|------------------|-----------------|--------------------|-------------------------------|
|  |                |                                       |                | Voltage (V) typ  | Current (mA) typ | Intensity (mcd) |                    |                               |
| <b>Sunlight Visible 660nm Ultra Red GaAlAs/GaAlAs WF150</b>      |                |                                       |                |  |                  |                 |                    |                               |
|  | WF150-OUR-005V | \$5.00ea                              | 5              | 5V   | 20               | 115             | 120°               | Contact Polarity, V = DC only |
|  | WF150-OUR-014V | \$5.00ea                              | 5              | 12/14V   | 20               | 115             |                    |                               |
|  | WF150-OUR-028V | \$5.00ea                              | 5              | 24/28V   | 15               | 85              |                    |                               |
| <b>Sunlight Visible 612nm Super Orange InGaIP WF150</b>          |                |                                       |                |  |                  |                 |                    |                               |
|  | WF150-UO-005V  | \$5.00ea                              | 5              | 5V   | 20               | 130             | 120°               | Contact Polarity, V = DC only |
|  | WF150-UO-014V  | \$5.00ea                              | 5              | 12/14V   | 20               | 130             |                    |                               |
|  | WF150-UO-028V  | \$5.00ea                              | 5              | 24/28V   | 15               | 98              |                    |                               |
| <b>Sunlight Visible 595nm Super Yellow InGaIP WF150</b>          |                |                                       |                |  |                  |                 |                    |                               |
|  | WF150-UUY-005V | \$5.00ea                              | 5              | 5V   | 20               | 116             | 120°               | Contact Polarity, V = DC only |
|  | WF150-UUY-014V | \$5.00ea                              | 5              | 12/14V   | 20               | 116             |                    |                               |
|  | WF150-UUY-028V | \$5.00ea                              | 5              | 24/28V   | 15               | 75              |                    |                               |
| <b>Sunlight Visible 3000K "Incandescent" White SiC/GaN WF150</b> |                |                                       |                |  |                  |                 |                    |                               |
|  | WF150-2IW-005V | \$7.00ea                              | 5              | 5V   | 15               | 120             | 120°               | Contact Polarity, V = DC only |
|  | WF150-2IW-014V | \$7.00ea                              | 5              | 12/14V   | 15               | 120             |                    |                               |
|  | WF150-2IW-028V | \$7.00ea                              | 5              | 24/28V   | 15               | 120             |                    |                               |
| <b>Sunlight Visible 8000K Cool White SiC/GaN WF150</b>           |                |                                       |                |  |                  |                 |                    |                               |
|  | WF150-0CW-005V | \$7.00ea                              | 5              | 5V   | 15               | 160             | 120°               | Contact Polarity, V = DC only |
|  | WF150-0CW-014V | \$7.00ea                              | 5              | 12/14V   | 15               | 160             |                    |                               |
|  | WF150-0CW-028V | \$7.00ea                              | 5              | 24/28V   | 15               | 160             |                    |                               |
| <b>Sunlight Visible 525nm Aqua Green SiC/GaN WF150</b>           |                |                                       |                |  |                  |                 |                    |                               |
|  | WF150-0AG-005V | \$7.00ea                              | 5              | 5V   | 15               | 400             | 120°               | Contact Polarity, V = DC only |
|  | WF150-0AG-014V | \$7.00ea                              | 5              | 12/14V   | 15               | 400             |                    |                               |
|  | WF150-0AG-028V | \$7.00ea                              | 5              | 24/28V   | 15               | 400             |                    |                               |

| Sunlight Visible 470nm Super Blue SiC/GaN WF150 |                |  |          |   |        |    |     |                                    |
|---|----------------|--|----------|---|--------|----|-----|------------------------------------|
|   | WF150-0PB-005V |  | \$7.00ea | 5 | 5V     | 15 | 125 | 120° Contact Polarity, V = DC only |
|   | WF150-0PB-014V |  | \$7.00ea | 5 | 12/14V | 15 | 125 |                                    |
|   | WF150-0PB-028V |  | \$7.00ea | 5 | 24/28V | 15 | 125 |                                    |

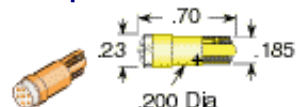
**Custom Options for OEM Applications**

**Domed**



Series: **W150**  
 PN Example: W150-0AG-005B

**6-Chip**



Series: **W156**  
 PN Example: W156-0UY-005B

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