

## MAINTENANCE & REPLACEMENT PARTS

### Bulbs (Lamps)



Please call regarding availability of bulbs not listed

ANSI codes and manufacturer's part numbers are cross-referenced (in *italics and parenthesis*) when available.

#### Tungsten Halogen & Incandescent

\* Recommend Bulb Removal/Installation Tool shown after listing

2.5V/0.35A Bullet. <b>252</b> .....	\$4.00	6V/10W Halogen, G4, Osram. <b>64225</b> .....	\$4.50
(634, 8000155)		(ESA/FHD, 76342, 050-550, 050-556, 700-065,	
3.5V/0.72A Bullet, Boehm. <b>03100</b> .....	\$10.60	8-C403, 907-090, 624, 655C, 7387, 3369, 1000531)	
(3287, 8000017)		6V/10W Halogen, G4, Philips. <b>5972</b> .....	\$7.50
6V/0.2A Bullet (for teaching head). <b>328</b> .....	\$1.50	(38-61-08, 91-01-54, 64223, 1000857)	
(79098, 31-31-50, 8000168)		6V/10W Halogen, G4, Philips. <b>7387</b> .....	\$5.20
6V/0.2A Bullet w/Lens (for multi-TH), Nikon. <b>MXA20101</b> .....	\$11.00	(ESA/FHD, 76342, 050-550, 050-556, 700-065,	
(79186)		8-C403, 907-090, 624, 655C, 7387, 3369, 1000531)	
6V/1.2A Horizontal Filament, Hosobuchi. <b>OP2101</b> .....	\$15.45	6V/10W SC Bayonet, round. <b>5001</b> .....	\$1.83
(MA560, 8000369)		(3040-0260, 6814P)	
6V/1.2A Vertical Filament, Hosobuchi. <b>OP2101/U</b> .....	\$15.45	6V/10W Screw, Hosobuchi. <b>OP2103</b> .....	\$9.75
(MA561, 8000370)		(8-G102, 8000303)	
6V/2A SC Bayonet, Frosted, round, Ushio. <b>8-C201</b> .....	\$7.10	6V/12W Halogen, G4. <b>GE786</b> .....	\$8.20
(8000301)		(8000252)	
6V/3A (6V/18W) Frosted, ½ Silver, Swift. <b>MA737</b> .....	\$12.00	6V/15W Bulb and Socket, Ushio. <b>8-C103</b> .....	\$22.50
(8000350)		6V/15W DC Bayonet, Flanged, Oblong. <b>77903</b> .....	\$10.00
6V/4.5A DC Prefocus*, Ushio. <b>1468</b> .....	\$5.00	(OP2130, 8000240)	
(581, 8000067)		6V/15W DC Bayonet, Flanged, Nikon. <b>77910</b> .....	\$13.50
6.4V/2.63A DC Bayonet. <b>S8.1130</b> .....	\$2.30	(8000242)	
6.5V/2.75A (6.5V/15W) DC Bayonet. <b>1493</b> .....	\$2.75	6V/15W DC Bayonet, Oblong, Ushio. <b>8018</b> .....	\$7.40
(360, 700-034, 8-B102, MA402, 21138, 8000070)		(3800-29-9020, 76906, 166-324, 500-012, 8000269)	
6.5V/2.75A DC Prefocus*, Ushio. <b>1460X</b> .....	\$5.50	6V/15W DC Flanged. <b>177Z</b> .....	\$9.25
(31-31-75, 31-31-76, 31-01-05, 8000066)		(3800-18-1740, 38-01-77, OP2131, 8000172)	
6.5V/2.75A DC Prefocus*. <b>GE1630</b> .....	\$9.30	6V/15W (6V/3A) DC Bayonet, Round. <b>OP2114</b> .....	\$6.25
(8000092)		(76907, 8000233)	
6.5V/2.75A DC Prefocus*. <b>1631X</b> .....	\$8.00	6V/20W Halogen, G4. <b>GE778</b> .....	\$8.90
(31-31-85, 31-31-86, 31-31-79, 8000093)		(31-31-81-01, 31-31-81-10, 569, 31-31-21, 8000239)	
6.5V/2.75A DC Prefocus*. <b>GE1631X</b> .....	\$13.50	6V/20W (6V/3.33A) Halogen, G4. <b>GE788</b> .....	\$7.90
(31-31-85, 31-31-86, 31-31-79, 8000093)		(MA260/05, 1121)	
6.5V/2.75A DC Prefocus*, Ushio. <b>1649</b> .....	\$9.90	6V/20W Halogen, G4, Osram. <b>64250 HLX</b> .....	\$4.40
(31-31-42, 31-31-43, 8000100)		(ESB/FHE, 1120, 362-658, 3801-20-1740D, 11143, 500-245,	
6V/5W Screw, Ushio. <b>8000302</b> .....	\$10.00	89500, 79099, 8-C405, MA780, 7388, M420, MA07, 687.95,	
(8-G101)		3256, 12-561-BLB1, MA311, 1000532)	
6V/9W MR11, Philips. <b>13529</b> .....	\$21.50	6V/20W Halogen with Lead, Narva. <b>55133</b> .....	\$33.00
6V/10W (6V/1.67A) Halogen, G4. <b>GE787</b> .....	\$7.50	6V/20W MR11, Ushio. <b>JCR/M6V20W</b> .....	\$18.40
(31-31-77-01, 31-31-77-10, MA570, 76342, 8000254)		(83314)	
6V/10W Halogen, G4, Osram. <b>64223</b> .....	\$17.00	6V/25W Flanged, G4. <b>39-01-53</b> .....	\$19.00
(38-61-08, 91-01-54, 5972, 1000857)		(8000174)	
		6V/25W Halogen with Lead, Narva. <b>55147</b> .....	\$33.00
		(33-01-53)	
		6V/30W (6V/5A) Bayonet, Oblong, Hosobuchi. <b>OP2118</b> .....	\$6.70
		(MA738, 77904, 8-C101, 8000241)	
		6V/30W Bulb and Socket, Ushio. <b>8-C102</b> .....	\$22.50
		(8000299)	
		6V/30W (6V/5A) Candelabra, Osram. <b>8100</b> .....	\$18.75
		(500-011, 8000277)	
		6V/30W DC Flanged, Ushio. <b>8000175</b> .....	\$20.00
		(39-01-58)	
		6V/30W Halogen, G4, Philips. <b>5761</b> .....	\$9.80
		(84246, 8-C410, MA326, 3256-30W, LB-30WH,	
		64265 HLX, SE06.0215, MINJ-F-B2, 1000867)	
		6V/30W Halogen with Lead, Narva. <b>55168</b> .....	\$39.00
		6V/35W Halogen, G4, vertical filament, Osram. <b>64275</b> .....	\$7.50
		8V/20W MR11, Osram. <b>64255</b> .....	\$18.20
		(Y99702)	
		10V/70W Horizontal Filament, Nikon. <b>71256</b> .....	\$16.00
		(8000226)	
		10.8V/30W MR16, Ushio. <b>EKZ</b> .....	\$16.50
		(1000315)	

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12V/10W DC Bayonet. <b>GE1004</b> .....	\$2.45
(800-411)	
12V/10W SC Bayonet, round, horizontal filament. <b>S-5203Z</b> ...	\$33.30
(800-421)	
12V/10W Halogen, G4. <b>64415</b> .....	\$3.40
12V/10W Halogen, G4. <b>800-170</b> .....	\$13.50
12V/10W Tubular. <b>800-400</b> .....	\$9.90
12V/15W Halogen, G4. <b>800-422</b> .....	\$15.30
12V/15W MR11C, faceted. <b>JCR12V15W/G4</b> .....	\$5.90
12V/20W Halogen, G4, 2000 hrs, Osram. <b>64425</b> .....	\$2.85
(58661, 800-160, 3253, HT-59-1152, SE06.0098)	
12V/22W MR11. <b>JCR12V22WA/3</b> , KLS.....	\$34.85
(8-S110)	
12V/25W SC Bayonet. <b>93</b> .....	\$1.25
12V/30W Halogen, G6.35, Osram. <b>64261</b> .....	\$14.50
(500-317, 115000317)	
12V/30W Halogen, PG22, Osram. <b>64260</b> .....	\$17.60
12V/35W MR11C, Philips. <b>14626</b> .....	\$13.25
(FTE-CG)	
12V/45W SC Bayonet, clear. <b>BA15s</b> .....	\$15.00
12V/50W Halogen, G6.35, Osram. <b>64610 HLX</b> .....	\$4.50
(BRL, 76516, 8-C407, MA784, 500-182, 7027, M650, MA275/05, 1000071)	
12V/50W Halogen, Special Base, Dr Fischer. <b>384-643</b> .....	\$59.00
(4643 HLX, 90-1300, M-01020)	
12V/60W DC Bayonet. <b>3800-18-2520</b> .....	\$20.50
(38-02-16, 500-010, 8000173)	
12V/75W MR16, Ushio. <b>EFN</b> .....	\$14.00
(3800-79-9030, 64615 HLX, 6853, 1000270)	
12V/100W Halogen, High Intensity, Osram. <b>64625 HLX</b> .....	\$4.75
(FCR, 76513, 500-974, 8-C401, 193-049, 3800-59-1660, MA782, 7023, 9-8600-15, M32-05-45, 2052, 1000490)	
12V/100W Halogen, Long Life, Osram. <b>64623 HLX</b> .....	\$5.70
(EVA, 84125, 8-C406, 043-144, 7724, 3800-79-9540, 1000381)	
12V/100W Halogen, 2-pin prefocus, Osram. <b>64628</b> .....	\$11.40
(FDT, 31-31-58, 5973, 1000504)	
12V/100W MR16, Osram. <b>EPF</b> .....	\$9.70
(64627, 098-145, 6834, 3800-79-9040, 1000271)	
13.8V/85W MR16, Osram. <b>64618</b> .....	\$12.00
(DED, 13288, 13194)	
14.5V/90W MR16, Ushio. <b>EPV</b> .....	\$13.75
15V/150W Halogen, G6.35, <b>EVB/BRJ</b> .....	\$5.25
(64633 HLX, 6550, 100069)	
15V/150W MR16, Osram. <b>64635 HLX</b> .....	\$42.00
15V/150W MR16, Ushio. <b>EFR</b> .....	\$15.50
(997-053, 8-S401, 31-01-98, 64634 HLX, 6423, 58102, 10001-111, Y99701, 1000272)	
20V/1A DC Prefocus*. <b>1634</b> .....	\$9.00
(31-31-37, 050-540, 506-014, 8000095)	
20V/150W MR16, faceted, 500 hrs, Ushio. <b>DDL</b> .....	\$11.00
(A08130, 82931, 3378, 23500-014, 1000173)	
21V/150W MR16, 2-pin vented, Ushio. <b>DNF</b> .....	\$20.00
(61351, 001160, 243054, SY0023, 4000-0996-0019, 6000-150, 52118, 5212-11, 5212-51, 5212-81, 1000207)	
21V/150W MR16, 40 hrs, Ushio. <b>EJA</b> .....	\$11.50
(A08110, 76223, 8-C404, 902-063, N650013, N650012, 1000297, 02-015855-0000)	
21V/150W MR16, 40 hrs. <b>EJV</b> .....	\$13.20
(1000302, 02-015852-0000)	

21V/150W MR16, 200 Hrs, Ushio. <b>EKE</b> .....	\$11.00
(902-058, 31-31-52, A08120, FL180/70, FL150/70, FT150/70, FT190/70, 3378, 1000306, 02-015850-0000)	
21V/150W MR16, 1000 Hrs, Osram. <b>EKEIX</b> .....	\$13.80
(EKE/LL, 1003370)	
24V/150W Halogen, High Intensity, Osram. <b>64640 HLX</b> .....	\$3.40
(FCS, 71826, 799-892, MA786, 7158, 037-717, 799-892, 58101, 501-109, 1000492)	
24V/150W Halogen, Long Life, Osram. <b>64642 HLX</b> .....	\$8.00
(FDV)	
24V/250W Halogen, G6.35, Osram. <b>64657</b> .....	\$5.30
(EVC/FGX, 6958)	
24V/250W MR16, Osram. <b>64653 HLX</b> .....	\$12.50
(ELC, 13163, Y99704, 1000318)	
82V/250W MR16. <b>EVW</b> .....	\$12.75
82V/300W MR13, Eiko. <b>FHS</b> .....	\$12.25
120V/6W DC Bayonet. <b>6S6DC120V</b> .....	\$2.50
(10407, 1005, 8000220)	
120V/15W Candelabra, Ushio. <b>15S11/13CL</b> .....	\$5.20
(626, 8000079)	
120V/15W DC Bayonet. <b>15T7DC</b> .....	\$3.00
(77906, 12610, 12603, 800-101, 8000083)	
120V/20W ½ Silver, DC Bayonet, Oblong. <b>77427</b> .....	\$13.00
(MA361/10)	
120V/20W ½ Silver, DC Bayonet, Oblong, Ushio. <b>78595</b> .....	\$11.80
(MA361/10, MXA20163, 8000385)	
120V/20W ½ Silver, DC Bayonet, Round. <b>MA886</b> .....	\$12.20
120V/20W DC Bayonet, Oblong. <b>800-102</b> .....	\$13.50
120V/20W DC Bayonet, Round, Eiko. <b>MA2201</b> .....	\$7.00
(MA2251B, 8000344)	
120V/20W Frosted/Silver, Round. <b>MA736</b> .....	\$14.00
120V/30W DC Bayonet, Round. <b>MA722A</b> .....	\$7.00
120V/30W DC Bayonet, S11. <b>BLC</b> .....	\$4.80
(31-31-71-03, 31-31-71-05, 8-B152, 1000060)	
120V/30W Miniature Flood. <b>MA263/05</b> .....	\$20.00
120V/150W Medium Screw, Higuchi. <b>150P25/2SB</b> .....	\$20.00
120V/150W MR16, faceted, 12 hrs, Ushio. <b>ESD</b> .....	\$26.55
(906117, 1000356)	
120V/250W MR16, faceted, Ushio. <b>ENH</b> .....	\$17.75
(54986, 1006926, 1000333)	
120V/300W GY9.5, Ushio. <b>JCD120V300WC</b> .....	\$14.50
(1000896)	
120V/300W MR16, stippled, oval 2-pin, Osram. <b>ELH</b> .....	\$11.75
(64660, 1000321)	
125V/300W MR16, Long Life, faceted, Eiko. <b>ELH-5</b> .....	\$17.00
(1003020)	
130V/50W Halogen, G8, Hiraki. <b>JCD130V50W/G8</b> .....	\$5.50
(25088A)	

**LED**

3.4V/0.06W LED, Wedge. <b>800-001</b> .....	\$13.50
(MA2215)	
3.4V/3W LED Assembly. <b>800-500</b> .....	\$35.10
LED Assembly. <b>800-425</b> .....	\$35.10
LED Assembly. <b>800-426</b> .....	\$36.90
LED Assembly. <b>800-427</b> .....	\$45.00
LED Assembly. <b>800-428</b> .....	\$13.50

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**Metal Halide**

60V/24W MR11, 300 hrs, Welch Allyn. **09500-U**.....\$270.00  
(AL-1824, 8-61257)

**Mercury Short Arc**

50W Mercury Arc, 100 Hrs, Osram. **HBO50W/AC/L1**.....\$115.00  
(78564, 78588, 8-B199, 38-16-19, 414140, 2055,  
3040-0090, 500-137, SHL-50AC1, BA-001, 5000487)  
50W Mercury Arc, 100 Hrs, Osram. **HBO50W/AC/L2**.....\$115.00  
(31-31-65, SHL-50AC2, BA-002, 5000857)  
50W Mercury Arc, 200 Hrs, Osram. **HBO50W/3**.....\$140.00  
(BA-003)  
100W Mercury Arc, 200 Hrs, Ushio. **USH-102D** .....\$109.00  
(78589, 8-B192U, 500-138, 3800-18-4060/D,2087-001,  
3040-0380, BA-005A, HBO100W/2, M/5000/133, 5000274)  
100W Mercury Arc, 300 Hrs, Ushio. **USH-103D**.....\$123.00  
(78590, 8-B1920, 380301-9350, USH-103OL, 5001329,  
HBO103W/2)  
200W Mercury Arc, 1000 hrs, Ushio. **USH-200DP**.....\$135.80  
(HBO200W/2, 31-01-01, 649, 860014, 78580, 8-B190,  
3800-18-4070, 38-16-15, 050-320, MA885,  
91-00-50, 505-620, 78590, 5000276)

**Xenon Short Arc**

75W Xenon Arc, 400 hrs, Ushio. **UXL-75XE**.....\$195.00  
(XBO75W/2, 8-B198, 910881-2013, 38-16-02, 500-139,  
91-01-42, 3800-79-9190, 78682, 620-125, 903-050,  
BA-013, 5000371)  
150W Xenon Arc, Short Gap. **XBO150W/CROFR**.....\$260.00  
(8-B195, BA-018, UXL-150S-0, 3801-22-2450,  
500-008, 5000326)  
180W Xenon Arc, Osram. **XBOR180W45COFR**.....\$450.00  
(69183, 407.309)

**Fluorescent**

4W Fluorescent, Tubular, Eiko. **F4T5/D** .....\$7.00  
(31-31-03, MA309/05, 3000108)  
5W Fluorescent, G23, Sylvania. **CF5DS/841** .....\$11.70  
(21278, 800-138, MA68, 48920-81, 20303)  
9W Fluorescent, G23, Sylvania. **CF9DS/841** .....\$4.95  
(20305)  
22W Fluorescent, 8" OD Circle, Sylvania. **FC8T9/D/RS** .....\$19.00  
(29980)  
32W Fluorescent, 12" OD Circle, Sylvania. **FC12T9/D/RS** .....\$15.90  
(20030)

**Germicidal**

4W Germicidal (UV-C), G5, Osram. **G4T5/OF** .....\$10.35  
(23397)  
15W Germicidal (UV-C), G13, Sylvania. **G15T8**.....\$17.00  
(21612, 3000007)  
25W Germicidal (UV-C), G13, Ushio. **G25T8** .....\$19.80  
(3000008)  
39W Germicidal, single-pin, Ushio. **G36T5L**.....\$35.80  
(23443, 00206, 3000312)  
65W Germicidal, single-pin, 155.4 cm, Higuchi. **G64T5L** .....\$83.00

**Heat (Infrared)**

250W, R40, shatter resistant, GE. **250BR40/HI/TC**.....\$14.00

\* *Recommend Bulb Removal/Installation Tool (shown below)*



Remove and install prefocused/flanged bulbs safely with this simple tool. Push rubber-lined tube directly onto top of bulb and turn clockwise to install, or counterclockwise to remove.

**Bulb Removal/Installation Tool. 3283** .....\$16.00

**Batteries**

**Batteries**, button cell, 11.6 mm diameter  
Silver Oxide, 1.55V, 5.4 mm high, Energizer. **357** .....\$4.00  
(303, A76, AG13, EPX76, LR1154, LR44)  
Alkaline, 1.5V, 3.05 mm high. **389** .....\$2.25  
(LR1130, LR54, SR1130, AG10, 189)

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