



Specialty Lamp Replacement Guide

**Replacement Lamps For
Microscopes - Comparators - Medical
Optical - Scientific Equipment**

Consumer Catalog
(MCC2025)



Replacement Lamps For American Optical;
Bausch & Lomb; J & L; Jena; Leica; Leitz; Meiji;
MicroVu; Mitutoyo; Nikon; OGP; Olympus;
Reichert; Scherr Tumico; Swift; Unitron;
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**Specialty Lamp Replacement Guide
For Microscopes, Comparators, Optical, Medical, & Scientific Equipment**

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Specialty Lamp Replacement Guide

**For All Types Of Equipment Including Microscopes, Comparators,
Optical, Medical, & Scientific Equipment**

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**Lamp Illustrations May Represent A Variety Of Different Lamps
Your Bulb May Look Slightly Different**



Fig. 1



Fig. 2



Fig. 3



Fig. 4



Fig. 5



Fig. 6



Fig. 7



Fig. 8



Fig. 9



Fig. 10



Fig. 11



Fig. 12



Fig. 13



Fig. 14



Fig. 15



Fig. 16



Fig. 17



Fig. 18



Fig. 19



Fig. 20



Fig. 21



Fig. 22



Fig. 23



Fig. 24



Fig. 25



Fig. 26



Fig. 27



Fig. 28



Fig. 29



Fig. 30



Fig. 31



Fig. 32



Fig. 33



Fig. 34



Fig. 35



Fig. 36



Fig. 37

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Fig. 69



Fig. 70



Fig. 71



Fig. 72



Fig. 73



Fig. 74



Fig. 75



Fig. 76



Fig. 77



Fig. 78



Fig. 79



Fig. 80



Fig. 81



Fig. 82



Fig. 83



Fig. 84



Fig. 85



Fig. 86



Fig. 87



Fig. 88



Fig. 89



Fig. 90



Fig. 91



Fig. 92



Fig. 92a



Fig. 93



Fig. 94



Fig. 95



Fig. 96



Fig. 97



Fig. 98



Fig. 98A



Fig. 99



Fig. 100

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**Lamp Illustrations May Represent A Variety Of Different Lamps
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Fig. 101



Fig. 102



Fig. 103



Fig. 104



Fig. 105



Fig. 106



Fig. 107



Fig. 108



Fig. 109



Fig. 110



Fig. 111



Fig. 112



Fig. 113



Fig. 114



Fig. 115



Fig. 116



Fig. 117



Fig. 118



Fig. 119



Fig. 120



Fig. 121



Fig. 122



Fig. 123



Fig. 124



Fig. 125



Fig. 126



Fig. 127

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**Lamp Illustrations May Represent A Variety Of Different Lamps
Your Bulb May Look Slightly Different**



Fig. 128



Fig. 129



Fig. 130



Fig. 131



Fig. 131A



Fig. 132



Fig. 133



Fig. 134



Fig. 135



Fig. 136



Fig. 137



Fig. 137A



Fig. 138



Fig. 139



Fig. 140



Fig. 141



Fig. 142



Fig. 143



Fig. 144



Fig. 145



Fig. 146



Fig. 148



Fig. 149



Fig. 147



Fig. 150



Fig. 151



Fig. 152

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HERE'S JUST A PARTIAL LISTING ... Look For New Items Throughout!

Page 8

Lamp Cross Reference Guide (For Pricing, See Separate Pricing Sheet)

<u>Lamp Number</u>	<u>Description</u>	<u>Bulbworks Number</u>	<u>Fig.</u>
ANSI Coded Lamp Types			
BAA	28V,75W RIM MOUNT 2 PRONGS	BW.BAA *	3
BAB	12V,20W GU5.3 BASE	BW.BAB	3
BAB-CG	12V, 20W MR16 GU5.3	BW.BAB-CG	3
BCK	120V,500W 4 PIN BASE	BW.BCK	-
BCL	120V,300W 4 PIN BASE	BW.BCL (Delisted) *	-
BEY	5AG16.5/3 (20V,100W)	BW.BEY	80
BFM 15W	125-130V,15W PEAR E14 SCREW BASE	BW.15PCL.E14	27
BFM 25W	125-130V,25W PEAR E14 SCREW BASE	BW.25PCL.E14	27
BHB	120V,250W MR14	BW.BHB	6
BHC	120V,600W GY9.5 BASE	BW.DYS	21
BHD	20V,100W S11 SC BAYONET	BW.BHD (Delisted)*	-
BLC	120V,30W (31-31-71-03)(8B152)	BW.BLC	<i>Import Brand</i> 56
BLK-GE	120V,30W GE BRAND	BW.BLK-GE (Delisted) *	<i>GE Brand</i> 31
BLX	120V,50W DC BAYONET	BW.BLX	56
BLX-GE	120V,50W GE BRAND	BW.BLX-GE *	<i>GE Brand</i> 56
BMV	120V,100W S11 SC BAYONET	BW.BMV *	-
BNF	115-125V,75W S11 DC BAYONET	BW.BNF	56
BRJ-OSR	15V,150W G6.35 BASE (64633)(6550)	BW.BRJ-OSR	7
BRL	12V,50W (7027)(MA784)	BW.BRL	<i>Import Brand</i> 7
BRL-OSR	12V,50W OSRAM BRAND (64610)	BW.BRL-OSR	<i>Osram Brand</i> 7
BRL-USH	12V,50W G6.35 BASE	BW.BRL-USH	<i>Ushio Brand</i> 7
BTL	120V,500W MEDIUM PREFOCUSED	BW.BTL	87
BTL-GE	120V,500W GE BRAND	BW.BTL-GE *	<i>GE Brand</i> 87
BTM	120V,500W MEDIUM PREFOCUSED	BW.BTM	87
BTR	120V,1000W MEDIUM PREFOCUSED	BW.BTR	87
BTR-OSR	120V,1000W MEDIUM PREFOCUSED	BW.BTR-OSR	<i>Osram Brand</i> 87
BXE	10V,7.5A SC BAYONET	BW.BXE	45
BXT	12V,100W SC BAYONET	BW.BXT (Delisted) *	-
BZA	20V,100W T8 SC BAYONET BASE	BW.100T8.1SC	45
CAR	120V,150W T10 G17Q 4 PIN BASE	BW.CAR*	-
CAX-120V	120V,50W T8 DC BAYONET	BW.CAX-120V	-
CAX-130V	130V,50W T8 DC BAYONET	BW.CAX-130V	-
CAX-130V-GE	130V,50W GE BRAND	BW.CAX-130V-GE *	-
Long Life Halogen Replacements For CAX Lamps Are Available - CALL!			
CDD	120V,100W SC BAYONET	BW.CDD	45
CDJ	115-125V,100W T8 DC BAYONET	BW.CDJ (Delisted) *	-
CDS	115-125V,100W T8 SC BAYONET	BW.CDS*	-
CEB	115-125V,100W T8 DC BAYONET	BW.CEB *	45
CEM	120V,120W SC BAYONET	BW.CEM *	-
CXK	115-125V,300W T10 MEDIUM PREF. BASE	BW.CXK	86
CXL/CXR	8V,50W P30 PREFOCUSED BASE	BW.CXL.CXR	-
CYX	120V,2000W T11 MOG.BI-POST	BW.CYX	-
CZX/DAB	120V,500W T10 MED. PREFOCUSED BASE	BW.CZX.DAB	86
CZX/DAB - GE	120V,500W T10 MED. PREFOCUSED BASE	BW.CZX.DAB-GE *(Delisted)	<i>GE Brand</i> 86
DCA	21.5V,150W 4 PIN BASE	BW.DCA *	-
DDB	120V,750W MEDIUM PREFOCUSED BASE	BW.DDB *	-
DDL	20V,150W MR16 GX5.3 BASE	BW.DDL	<i>Import Brand</i> 3
DDL-GE	20V,150W MR16 GE BRAND	BW.DDL-GE *	<i>GE Brand</i> 3
DDL-OSR	20V,150W MR16 OSRAM BRAND	BW.DDL-OSR	<i>Osram Brand</i> 3
DDL-USH	20V,150W MR16 USHIO BRAND	BW.DDL-USH	<i>Ushio Brand</i> 3
DDM	19V,80W MR16 GX5.3 BASE	BW.DDM	3
DDN	20V,200W R7S BASE	BW.DDN	-
DDS	21V,80W MR16 GX5.3 BASE	BW.DDS	3
DED	13.8V,85W MR16 GX5.3 BASE	BW.DED	3
DED - GE	13.8V,85W MR16 GX5.3 BASE	BW.DED-GE *	<i>GE Brand</i> 3
DEF	21V,150W T12 4 PIN BASE	BW.DEF * (Delisted)	-
DFD	120-125V,1000W MEDIUM PREF. BASE	BW.DFD * (Delisted)	86
DFT	120V,1000W INCAND.P28 BASE	BW.DFT * (Delisted)	86
DFT-GE	115-120V, 1000W GE BRAND	BW.DFT-GE (Delisted)	<i>GE Brand</i> 86
DHT	120V,1200W MEDIUM PREFOCUSED BASE	BW.DHT * (Delisted)	86
DJL-GE	120V, 150W T14 4 PIN BASE GE BRAND	BW.DJL-GE * (Delisted)	<i>GE Brand</i> -
DKM-GE	21.5V,250W GE BRAND	BW.DKM-GE * (Delisted)	<i>GE Brand</i> -
DKN	6V,35W 4 PIN BASE	BW.DKN * (Delisted)	-
DLD	30V,80W GX17Q BASE	BW.DLD *	-
DLR	21.5V,T14 GX17Z 4 PIN BASE	BW.DLR * (Delisted)	-
DLS/DLG/DHX Import Brar	22V,150W T14 4 PIN BASE	BW.DLS.DLG.DHX <i>Retrofit Possible</i>	-
DLS-RETROFIT	21V, 150W (EKE) {replaces DLS bulb}	BW.DLS-RETRO	98A
DN921	120V,1200W T7 MED.PREFOCUSED BASE	BW.FSG	87
DNE	120V,150W MR16 VENTED 2 PIN	BW.DNE	6
DNE-USH	120V,150W MR16 VENTED 2 PIN	BW.DNE-USH* Discontinued	<i>Ushio Brand</i> 6
DNF	21V,150W MR16 VENTED 2 PIN	BW.DNF	6
DRA	120V,300W G6.35 BASE	BW.DRA *	8
DRB/DRC	120V,1000W MEDIUM PREFOCUSED BASE	BW.DRB.DRC *	-
DSW	24V, 200W T14, 4 PIN BASE	BW.DSW (Delisted) - Retrofit Avail.	-
DSW-RETROFIT	24V, 200W, (EJL) {replaces DSW bulb}	BW.DSW-RETRO	98A
DTJ	120V,1500W P40S BASE	BW.DTJ	88

Lamp Cross Reference Guide (For Pricing, See Separate Pricing Sheet)

<u>Lamp Number</u>	<u>Description</u>	<u>Bulbworks Number</u>	<u>Fig.</u>
ANSI Coded Lamps - Continued From Previous Page			
DYS	120V,600W GY9.5 PREFOCUSED BASE	BW.DYS	21
DZA	10.8V,30W T3½ G5.3 BASE	BW.DZA	16
DZE	24V,150W T4 BI-PIN	BW.DZE *	Osram Brand
EFM	8V,50W (64607)(6847) MR16	BW.EFM	2
EFN	12V,75W (64615)(6853) MR16	BW.EFN	Import Brand
EFN-OSR	12V,75W (64615)(6853) MR16	BW.EFN-OSR	Osram Brand
EFN-PHIL	12V,75W (64615)(6853) MR16	BW.EFN-PHIL	Discontinued Philips Brand
EFN-USH	12V,75W MR16 GZ6.35 BASE	BW.EFN-USH	Ushio Brand
EFP	12V,100W (6834) MR16 GZ6.35 BASE	BW.EFP	Import Brand
EFP-OSR	12V,100W (64627) OSRAM BRAND	BW.EFP-OSR	Osram Brand
EFP-PHIL	12V,100W PHILIPS BRAND	BW.EFP-PHIL	Philips Brand
EFP-USH	12V,100W USHIO BRAND	BW.EFP-USH	Ushio Brand
EFP-X	12V,100W LONG LIFE 600 HOURS	BW.EFP-X	2
EFR	15V,150W (6423-Philips)(31-01-98)(8S401)	BW.EFR	Import Brand
EFR-OSR	15V,150W OSRAM BRAND	BW.EFR-OSR	Osram Brand
EFR-PHIL	15V,150W PHILIPS BRAND	BW.EFR-PHIL	Philips Brand
EFR-USH	15V,150W MR16 GZ6.35 BASE	BW.EFR-USH	Ushio Brand
EGW	15V,150W GZ6.35 BASE	BW.64635	2
EHA	120V,500W T6 GZ9.5 BASE	BW.EHA	16
EHC	120V,500W T4 G9.5 BASE	BW.EHC*	-
EHD	120V,500W G9.5 BASE	BW.EHD*	-
EHE	12V,100W (64626)(3800-75-1020)	BW.EHE	-
EHJ	24V,250W (7748) T4 G6.35 BASE	BW.EHJ	7
EHJ-OSR	24V,250W OSRAM BRAND (64655)	BW.EHJ-OSR	Osram Brand
EHJ-5	24V,250W T4 G6.35 LONG LIFE EHJ	BW.EHJ-5	-
EHT	120V,250W (Q250/MC/CL-120V)	BW.EHT	43
EJA	21V,150W (76223)(8C404)	BW.EJA	Import Brand
EJA-OSR	21V,150W OSRAM BRAND	BW.EJA-OSR	Osram Brand
EJA-PHIL	21V,150W PHILIPS BRAND	BW.EJA-PHIL	Philips Brand
EJA-USH	21V,150W USHIO BRAND	BW.EJA-USH	Ushio Brand
EJL	24V,200W (64644)(13164)	BW.EJL	1
EJL-OSR	24V,200W (64644) MR16 GX5.3 BASE	BW.EJL-OSR	Osram Brand
EJL-PHIL	24V,200W MR16 GX5.3 BASE	BW.EJL-PHIL	Philips Brand
EJL-USH	24V,200W USHIO BRAND	BW.EJL-USH	Ushio Brand
EJM	21V,150W MR16 GX5.3 BASE	BW.EJM	Import Brand
EJM-OSR	21V,150W MR16 GX5.3 BASE	BW.EJM-OSR*	Osram Brand
EJM-USH	21V,150W MR16 GX5.3 BASE	BW.EJM-USH	Ushio Brand
EJN	21V,150W MR16 GX5.3 BASE	BW.ELD*	1
EJV	21V,150W MR16 GX5.3 BASE	BW.EJV	Import Brand
EJV-EIKO	21V,150W MR16 GX5.3 BASE EIKO BRAND	BW.EJV-EIKO *	Eiko Brand
EJV-OSR	21V,150W MR16 GX5.3 BASE OSRAM BRAND	BW.EJV-OSR	Osram Brand
EJV-USH	21V,150W MR16 GX5.3 BASE USHIO BRAND	BW.EJV-USH	Ushio Brand
EJY	19V,80W MR16 GX 5.3 BASE	BW.EJY *	1
EKE	21V,150W (31-31-52) GX5.3 BASE	BW.EKE	Import Brand
EKE-GE	21V,150W GE BRAND GX5.3 BASE	BW.EKE-GE * (Delisted)	GE Brand
EKE-OSR	21V,150W OSRAM BRAND GX5.3 BASE	BW.EKE-OSR	Osram Brand
EKE-PHIL	21V,150W PHILIPS BRAND GX5.3 BASE	BW.EKE-PHIL	Philips Brand
EKE-USH	21V,150W USHIO BRAND GX5.3 BASE	BW.EKE-USH	Ushio Brand
EKE-HC (High Color)	21V,150W MR16 4200 DEG.K. GX5.3 BASE	BW.EKE-HC * (Delisted)	1
EKE-X	21V,150W MR16 LONG LIFE 1000HRS	BW.EKE-X	Ushio Brand
EKE-X-OSR	21V,150W MR16 GX5.3 LONG LIFE	BW.EKE-X-OSR	Osram Brand
EKG	19V,80W MR16 GX5.3 BASE	BW.EKG *	1
EKL	21V,150W GZ9.5 BI-PIN	BW.EKL	16
EKN	17.7V,120W MR16 GX5.3 BASE	BW.EKN	3
EKP	30V,80W MR16 GX5.3 BASE	BW.EKP	3
EKP-IMP	30V,80W MR16 GX5.3 BASE	BW.EKP-IMP	Import Brand
EKS	24V,250W MR14 GX7.9 BASE	BW.EMM *	6
EKX	24V, 200W MR16 GX5.3 BASE	BW.EKX	3
EKZ	10.8V,30W GX5.3 BASE	BW.EKZ	Import Brand
EKZ-GE	10.8V,30W GX5.3 BASE	BW.EKZ-GE *	GE Brand
EKZ-USH	10.8V,30W GX5.3 BASE	BW.EKZ-USH	Ushio Brand
ELB	30V,80W MR16 GX5.3 BASE	BW.ELB	1
ELC	24V,250W MR16 GX5.3 BASE	BW.ELC	Import Brand
ELC-3	24V,250W MR16 GX5.3 BASE 300 HRS	BW.ELC-3	1
ELC-5	24V,250W MR16 GX5.3 BASE 500 HRS	BW.ELC-5*	1
ELC-7X	24V,250W MR16 GX5.3 BASE 700 HRS	BW.ELC-7X	1
ELC-10	24V,250W MR16 GX5.3 BASE 1000 HRS	BW.ELC-10	1
ELC-500	24V,250W MR16 GX5.3 BASE 500 HRS	BW.ELC-500 * Discontinued	GE Brand
ELC-OSRAM	24V,250W MR16 GX5.3 BASE	BW.ELC-OSR	Osram Brand
ELC-USH	24V,250W MR16 GX5.3 BASE	BW.ELC-USH	Ushio Brand
ELD	21V,150W MR16 GX5.3 BASE	BW.ELD *	1
ELE	30V,80W MR14 VENTED BASE	BW.ELE *	6
ELH	120V,300W MR16 GY5.3 BASE	BW.ELH	3
ELS	16V,50W MR14 LAMP GX7.9 BASE	BW.ELS	6
ELT	30V,80W MR14 VENTED BASE	BW.ELE *	6
ELV	21.5V,150W MR16 GX7.9 BASE	BW.ELV (Delisted) *	6
ELZ	21V,150W MR16/18 GX7.9 VENTED BASE	BW.ELZ *	6
EMM	24V,250W VENTED GX7.9 BASE	BW.EMM *	6
ENH	120V,250W MR16 GY5.3 BASE	BW.ENH	Import Brand
ENH-OSR	120V,250W OSRAM BRAND	BW.ENH-OSR	Osram Brand

ANSI Coded Lamps Are Continued On The Next Page!

Lamp Cross Reference Guide (For Pricing, See Separate Pricing Sheet)

<u>Lamp Number</u>	<u>Description</u>	<u>Bulbworks Number</u>	<u>Fig.</u>
ANSI Coded Lamps - Continued From Previous Page			
ENX	82V,360W MR16 GY5.3 BASE	BW.ENX	1
ENX-5	86V,360W MR16 GY5.3 BASE	BW.ENX-5	1
ENZ	30V,50W MR16 GX 5.3 BASE	BW.ENZ	1
EPN	12V,35W MR16 GX 5.3 BASE	BW.EPN	1
EPT	10.8V,42W MR16 GX5.3 BASE	BW.EPT	1
EPV	14.5V,90W MR16 GX 5.3 BASE	BW.EPV	1
EPX	14.5V,90W MR16 GX 5.3 BASE	BW.EPX	1
EPZ	13.8V,50W GX 5.3 BASE	BW.EPZ	1
ERB (1990)	12V,12W WEDGE BASE	BW.ERB (Delisted) *	-
ERF (1994)	14V,50W WEDGE BASE	BW.ERF (Delisted) *	-
ERK	6V,12W T2 1/2 WEDGE BASE	BW.ERK (Delisted)*	92a
ERV	36V,340W GX5.3 BASE	BW.JCR36V-340W *	1
ESA	6V,10W (7387) G4 BASE	BW.ESA	<i>Phillips Brand</i> 10
ESA-OSR	6V,10W (64225) G4 BASE	BW.ESA-OSR	<i>Osram Brand</i> 10
ESB	6V,20W (7388) G4 BASE	BW.ESB	<i>Phillips Brand</i> 10
ESB-OSR	6V,20W (64250) G4 BASE	BW.ESB-OSR	<i>Osram Brand</i> 10
ESD	120V,150W MR16 GY5.3 BASE	BW.ESD	<i>Import Brand</i> 1
ESD-USH	120V,150W MR16 GY5.3 BASE	BW.ESD-USH	<i>Ushio Brand</i> 1
ESG	28V,25W T3 ¼ WEDGE BASE	BW.1999.ESG (Delisted) *	-
ESH	82V,85W MR16 GY5.3 BASE	BW.ESH	3
ESJ	82V,85W MR16 GY5.3 BASE	BW.ESJ	1
ESL-OSR	120V,150W QUARTZ MINIATURE CAN.	BW.ESL-OSR	<i>Osram Brand</i> 43
ESP	120V,150W (Q150CL/DC-2V)	BW.ESP	44
ESR	120V,100W DC BAYONET	BW.ESR	44
ESR-OSR	120V,100W DC BAYONET OSRAM	BW.ESR-OSR	<i>Osram Brand</i> 44
ESX	12V,20W MR16 GU5.3 BASE	BW.ESX	1
ESX-CG	12V,20W FRONT COVER GLASS	BW.ESX-CG	1
ESY	100V,150W G6.35 BASE	BW.ESY	7
ETC	120V,150W DC BAYONET BASE	BW.ETC	-
ETD	120V,100W DC BAYONET FROSTED	BW.ETD	-
ETF	120V,150W (Q150CL/DC)	BW.ETF	-
ETG	120V,150W E11 MINIATURE CAND. BASE	BW.ETG	43
ETJ	120V,250W MR16 GY5.3 BASE	BW.ETJ	<i>Import Brand</i> 1
ETJ-OSR	120V,250W MR16 GY5.3 BASE	BW.ETJ-OSR	<i>Osram Brand</i> 1
ETJ-USH	120V,250W MR16 GY5.3 BASE	BW.ETJ-USH	<i>Ushio Brand</i> 1
EVA	12V,100W (8C406)(84125)	BW.EVA	<i>Import Brand</i> 7
EVA-OSR	12V,100W OSRAM BRAND(64623)	BW.EVA-OSR	<i>Osram Brand</i> 7
EVA-USH	12V,100W USHIO BRAND	BW.EVA-USH	<i>Ushio Brand</i> 7
EVC/FGX	24V,250W (6958) GY6.35 BASE	BW.EVC.FGX	<i>Ushio Brand</i> 7
EVC/FGX (Import)	24V,250W (6958) GY6.35 BASE	BW.EVC.FGX-IM	<i>Import Brand</i> 7
EVC/FGX-OSR	24V,250W OSRAM BRAND (64657)	BW.EVC.FGX-OS	<i>Osram Brand</i> 7
EVD	36V,400W T6 GY6.35 BASE	BW.EVD	7
EVD-OSR	36V,400W OSRAM BRAND (64663)	BW.EVD-OSR *	<i>Osram Brand</i> 7
EVR	120V,500W MINIATURE CANDELABRA BASE	BW.EVR	43
EWG	120V,300W MR16 GY5.3 BASE	BW.EWG *	1
EXN	12V,50W MR16 GU5.3 BASE	BW.EXN	1
EXN-FG	12V,50W MR16 FRONT GLASS COVER	BW.EXN.FG	1
EXR	82V,300W MR13 GX5.3 BASE	BW.EXR	5
EXT	12V,50W NARROW SPOT MR16	BW.EXT	1
EXT-FG	12V,50W NARROW SPOT MR16 FRONT GLASS	BW.EXT-FG	1
EXY	82V,250W 42MM DIAMETER MR GX5.3	BW.EXY	5
EXZ	12V,50W MR16 GU5.3 BASE	BW.EXZ	3
EXZ-CG	12V,50W MR16 FRONT GLASS COVER	BW.EXZ-CG	3
EYA	82V,200W GY5.3 BASE	BW.EYA *	3
EYB	82V,360W G5.3 BASE	BW.EYB	-
EYE	IS NOT A PART NO. - PREFIX FOR EYE - LIGHTING IMASAKI BRAND PROD.		
EYH/FKT	120V,250W G5.3 BI-PIN BASE	BW.EYH.FKT	21
EYJ	12V,75W MR16 GX5.3 BASE	BW.EYJ	3
EYK	120V,300W GY5.3 BASE	BW.EYK *	3
EYP	12V,42W MR16 FLOOD GX5.3 BASE	BW.EYP	3
EYS	12V,42W GX5.3 BASE	BW.EYS	3
EZD	19V,125W G5.3 BASE	BW.EZD (Delisted) *	16
EZF	68V,225W MR13 GY5.3 BASE	BW.EZF *	5
EZK	120V,150W MR16 GY5.3 BASE	BW.JCR120V150WB	1
FCR	12V,100W (7023)T3 GY6.35 BASE	BW.FCR	<i>Import Brand</i> 7
FCR-OSR	12V,100W OSRAM BRAND (64625)	BW.FCR-OSR	<i>Osram Brand</i> 7
FCR-USH	12V,100W USHIO BRAND	BW.FCR-USH	<i>Ushio Brand</i> 7
FCS	24V,150W (7158)(JC24V-150W)	BW.FCS	<i>Import Brand</i> 7
FCS-OSR	24V,150W OSRAM BRAND (64640)	BW.FCS-OSR	<i>Osram Brand</i> 7
FCS-PHIL	24V,150W PHILIPS BRAND	BW.FCS-PHIL	<i>Phillips Brand</i> 7
FCS-USH	24V,150W USHIO BRAND	BW.FCS-USH	<i>Ushio Brand</i> 7
FDS/DZE	24V,150W (64643)(5974)	BW.FDS.DZE	16
FDS/DZE	24V,150W (64643)(5974)	BW.FDS.DZE-OSR	16
FDS/DZE	24V,150W (64643)(5974)	BW.FDS.DZE-USH	16
FDT	12V,100W T3 BI-PIN	BW.FDT	<i>Import Brand</i> 16
FDT-OSR	12V,100W 64628 OSRAM BRAND	BW.FDT-OSR	<i>Osram Brand</i> 16
FDT-USH	12V,100W USHIO BRAND	BW.FDT-USH	<i>Ushio Brand</i> 16

FDV	24V,150W G6.35 BASE	BW.FDV	<i>Import Brand</i>	7
FDV-OSR	24V,150W OSRAM BRAND (64642)	BW.FDV-OSR	<i>Osram Brand</i>	7
FDV-USH	24V,150W USHIO BRAND	BW.FDV-USH	<i>Ushio Brand</i>	7
FDX	12V,100W GY6.35 BASE CERAMIC SEAL	BW.FDX		19
FEL	120V,1000W G9.5 BASE	BW.FEL		-

ANSI Coded Lamps Are Continued On The Next Page!

Lamp Cross Reference Guide (For Pricing, See Separate Pricing Sheet)

<u>Lamp Number</u>	<u>Description</u>	<u>Bulbworks Number</u>	<u>Fig.</u>
ANSI Coded Lamps - Continued From Previous Page			
FGX	24V,250W GY6.35 BASE	BW.EVC.FGX	<i>Ushio Brand</i> 7
FHD/ESA	6V,10W T3 G4 BASE	BW.ESA	<i>Philips Brand</i> 10
FHE/ESB	6V,20W T3 G4 BASE	BW.ESB	<i>Philips Brand</i> 10
FHS	82V,300W MR13 G5.3 BASE	BW.FHS	5
FHX	13.8V,25W MR16 GX5.3 BASE	BW.FHX *	3
FHX-GE	13.8V,25W MR16 GX5.3 BASE	BW.FHX-GE (Delisted) *	<i>GE Brand</i> 3
FLS	12V,28W MR11 GZ4 BASE	BW.FLS *	2
FLT	13.8V,25W MR11 GZ4	BW.FLT *	2
FLW	24V,300W T4 GY6.35	BW.FLW *	19
FMT	12V,35W MR16 GU5.3	BW.FMT	1
FMT-FG	12V,35W MR16 GU5.3-FRONT GLASS	BW.FMT-FG	1
FMV-FG	12V,35W MR16 18 DEG FRONT GLASS	BW.FMV-FG	1
FMW	12V,35W MR16 38 DEG.	BW.FMW	1
FMW-FG	12V,35W MR16 38 DEG.FRONT GLASS	BW.FMW-FG	1
FNS	115-120V,300W GX6.35/20 BASE	BW.64512 *	9
FNT	24V,275W PLATINUM PINS	BW.FNT *	7
FNV	12V,50W MR16 GU5.3 BASE	BW.FNV	3
FRB	12V,35W MR16 8 DEG.NAR.SPOT	BW.FRB	1
FRB-FG	12V,35W MR16 8 DEG. FRONT GLASS	BW.FRB-FG *	1
FSG	120V,1200W DN921	BW.FSG *	87
FTA	12V,12W MR11 G4 BASE	BW.FTA	1
FTA-FG	12V,12W MR11 GZ4 FRONT GLASS	BW.FTA-FG	1
FTB	12V,20W MR11 G4 BASE	BW.FTB	3
FTB-FG	12V,20W MR11 FRONT GLASS	BW.FTB-FG	3
FTB-FG-OSR	12V,20W FRONT GLASS (20MR11/T/SP10/C/FTB)	BW.FTB-FG-OSR	<i>Osram Brand</i> 3
FTC	12V,20W MEDIUM SPOT	BW.FTC	3
FTC-FG	12V,20W MEDIUM SPOT FRONT GLASS	BW.FTC-FG	3
FTD	12V,20W MEDIUM FLOOD 20 DEG.	BW.FTD	3
FTD-FG	12V,20W MEDIUM FLOOD FRONT GLASS	BW.FTD-FG	3
FTD-OSRAM	12V,20W MEDIUM FLOOD 20 DEGREES	BW.FTD-OSR (Delisted) *	<i>Osram Brand</i> 3
FTE	12V,35W MR11 GZ4 BASE	BW.FTE	3
FTE-FG	12V,35W MR11 FRONT GLASS	BW.FTE-FG	3
FTE-OSR	12V,35W OSRAM BRAND (41892SP)	BW.FTE-OSR	<i>Osram Brand</i> 3
FTF-FG	12V,35W MR11 GZ4 BASE FRONT GLASS	BW.FTF-FG *	3
FTH	12V,35W MR11 NARROW FLOOD	BW.FTH	3
FTM	12V,35W MR11 G4 36 DEGREE	BW.FTM	3
FTM-FG	12V,35W MR11 G4 36 DEG.FRONT GLASS	BW.FTM-FG *	3
FXL	82V,410W MR16 GY5.3 BASE	BW.FXL	3
GBB	6V,15W ALR18 DC BAYONET BASE	BW.GBB *	-
GBC	6V,15W T4 BA15D BASE	BW.GBC *	-
GBF-CLEAR	12V,20W BA15D CLEAR FRONT GLASS	BW.GBF-CLEAR *	-
GBF-FROSTED	12V,20W BA15D FRSTD ALUM.REFLECTOR	BW.GBF-FROSTED	-
GBJ	12V,50W DC BAYONET	BW.GBJ *	-
GBK	12V,50W MR11 DC BAYONET BASE	BW.GBK	-
GCA	120V,250W BI-PIN	BW.GCA	16
GDX	12V,35W MR11 DC BAY.SPOT	BW.GDX *	-
GDX-FG	12V,35W MR11 DC BAY.FRONT GLASS	BW.GDX-FG	-
GDY	12V,35W MR11 DC BAY.NAR.FLOOD	BW.GDY *	-
GDY-FG	12V,35W MR11 DC BAY.FRONT GLASS	BW.GDY-FG *	-
HLX	IS NOT A PART NUMBER - IT IS A PREFIX FOR MANY DIFFERENT OSRAM CODED LAMP TYPES		

Many Other ANSI Coded Lamp Types In Stock. Please Call or Visit www.bulbworks.com

Philips Lamp Types – Equivalent Or Substitute Brands Sometimes Supplied

5761	6V,30W T3 G4 BASE	BW.5761	10
5761	6V,30W T3 G4 BASE	BW.5761-IMP	10
5968	120V,500W T6 GZ9.5 BASE	BW.EHA	16
5972	6V,10W T3 G4 BASE (64223)	BW.5972-IMP	10
5973	12V,100W T3 GY9.5 BASE	BW.FDT	16
5974	24V,150W T4 GZ9.5 BASE	BW.FDS.DZE	16
5995	21V,150W MR16 GX5.3 BASE	BW.EJM	1
6390	10.8V,30W T3 1/2 G5.3 BASE	BW.DZA	16
6423 PHILIPS	15V,150W MR16 GZ6.35 BASE	BW.EFR	1
6425 PHILIPS	6V,15W ALR18 DC BAYONET BASE	BW.GBB *	-
6426	6V,15W AR56 DC BAY BASE FRONT GLASS	BW.GBC *	-
6435-CLEAR	12V,20W AR37 DC BAYONET BASE CLEAR	BW.GBF-CLEAR *	-
6435-FROSTED	12V,20W AR37 DC BAYONET BASE FROSTED	BW.GBF-FROSTED	-
6439	12V,50W AR56 DC BAYONET BASE	BW.GBK *	-
6550	15V,150W T4 G6.35 BASE	BW.BRJ-OSR	8
6605	6V,10W T3 G4 BASE	BW.6605	10
6747 PHILIPS	12V,20W MR16 GU5.3 BASE	BW.BAB	3
6834	12V,100W MR16 GZ6.35 BASE	BW.EFP-PHIL	1
6847	8V,50W MR16 GZ6.35 BASE	BW.EFM	1
6853	12V,75W MR16 GZ6.35 BASE	BW.EFN-PHIL	1
6958	24V,250W GY6.35 BASE	BW.EVC.FGX	7
7023	12V,100W T3 GY6.35 BASE	BW.FCR	7
7027	12V,50W G6.35 BASE	BW.BRL	7

7158	24V,150W G6.35 BASE	BW.FCS-PHIL	7
7387	6V,10W T3 G4 BASE	BW.ESA	10
7388	6V,20W T3 G4 BASE	BW.ESB	10
7724	12V,100W GY6.35 BASE	BW.EVA	7
7748	24V,250W T4 G6.35 BASE	BW.EHJ	7
7787 PHILIPS	36V,400W T6 GY6.35 BASE	BW.EVD	7
13079	12V,50W T4 GY6.35 BASE	BW.64440	8
13090	24V,50W T3 GY6.35 BI-PIN	BW.13090	9

Phillips Lamps Are Continued On The Next Page!

Lamp Cross Reference Guide (For Pricing, See Separate Pricing Sheet)

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<u>Lamp Number</u>	<u>Description</u>	<u>Bulbworks Number</u>	<u>Fig.</u>
Phillips Lamp Types – Equivalent Or Substitute Brands Sometimes Supplied (Continued from Previous Page)			
13163	24V,250W MR16 GX5.3 BASE	BW.ELC-PHILIPS	1
13165	14V,35W MR11 GZ4 BASE	BW.13165 *	2
13165-IMP	14V,35W MR11 IMPORT BRAND	BW.13165-IMP	2
13194	13.8V,85W MR16 GX5.3 BASE	BW.DED	1
13298	10V,52W MR11	BW.3367-5267	2
13336	24V,70W T3 H3 WITH WIRE LEAD	BW.JA24V-70WD	127
13347C	6V,15W WITH SLOTTED RING	BW.OQ-76Z *	104
13512	12V,50W T4 GY6.35 BASE	BW.64440	8
13528	6V,15W MR11 GZ4 BASE	BW.13528	2
13528-IMP	6V,15W MR11 GZ4 BASE	BW.13528-IMP	2
13529	6V,9W MR11 GZ4 BASE	BW.13529 *	2
13529-IMP	6V,9W MR11 GZ4 BASE	BW.13529-IMP	2
13865	12V,75W MR11 G5.3-4.8 BASE	BW.13865 *	4
14623	17V,95W T4 G6.35 BASE	BW.041-709-00	7
14623	17V,95W T4 G6.35 BASE	BW.041-709-00IM	7
DUV35W	35W BLACK LIGHT	BW.DUV35W	-
HPA400S	125V,400W METAL HALIDE	BW.HPA400S	-
HPW125	120V,125W BLACK LIGHT BLUE	BW.HSW125	-
SAH250B	250W MERCURY LAMP	BW.SAH250B (Retrofit Kit Available)	89

Many Other Philips Coded Lamp Types In Stock. Please Call or Visit www.bulbworks.com

Wattage Coded Incandescent & Quartz Lamp Types

3S6-120V	120V,3W S6 CLEAR CANDELABRA BASE	BW.3S6-120V	32
4C7-120V	120V,4W C7 CLEAR CANDELABRA BASE	BW.4C7-120V	33
5AG16.5/3	20V,100W G16.5 P30S BASE	BW.BEY	80
5C7TG	120V, 5W C7 CANDELABRA BASE	BW.5C7TG	-
5C7TR	120V, 5W C7 CANDELABRA SCREW BASE	BW.5C7TR	-
6S6-6V	6V,6W S6 CANDELABRA BASE	BW.6S6-6V	32
6S6-7	155V,6W S6 CLEAR CANDELABRA BASE -	BW.6S6-7	-
6S6-12V	12V,6W S6 CANDELABRA SCRW BASE	BW.6S6-12V	32
6S6-24V	24V,6W S6 CANDELABRA BASE	BW.6S6-24V	32
6S6-30V	30V,6W S6 CANDELABRA BASE	BW.6S6-30V	32
6S6-120V	120V,6W S6 CANDELABRA BASE	BW.6S6-120V	32
6S6-125-130V	125-130V,6W S6 CANDELABRA BASE	BW.6S6	32
6S6-145V	145V,6W S6 CANDELABRA BASE	BW.6S6-145V	32
6S6-155V	155V,6W S6 CLEAR CANDELABRA BASE -	BW.6S6-155V	32
6S6W-120V	120V,6W S6 CANDELABRA BASE - WHITE	BW.6S6W-120V	-
6S6/DC-6V	6V,6W S6 DC BAYONET BASE	BW.6S6DC-6V	54
6S6/DC-24V	24V,6W S6 DC BAYONET BASE	BW.6S6DC-24-I	54
6S6/DC-30V	30V,6W S6 DC BAYONET BASE	BW.6S6DC-30V	54
6S6DC-75V	75V,6W DC BAYONET BASE	BW.6S6DC-75V	54
6S6/DC-120V	120V,6W S6 DC BAYONET BASE	BW.6S6.DC-120V	54
6S6/DC-145V	145V, 6W S6 DC BAYONET	BW.6S6DC-145V	54
6S6SC-120V	120V,6W S6 SC BAYONET BASE	BW.6S6SC-120V	-
7C7	120V,7W C7 CANDELABRA BASE	BW.7C7	33
7C7-130V	130V,7W C7 CANDELABRA BASE	BW.7C7-130V	33
7C7-AMBER	120V,7W C7 CANDELABRA BASE	BW.7C7-AMBER *	-
7C7-ORANGE	120V,7W C7 CANDELABRA BASE - ORANGE	BW.7C7-ORANGE	-
7C7-RED	120V,7W C7 CANDELABRA BASE - RED	BW.7C7-RED	-
7C7-WHITE	120V,7W C7 CANDELABRA BASE - WHITE	BW.7C7W *	-
7½S11CL-130V	130V,7½W S11 MEDIUM SCREW CLEAR	BW.7.5S11CL-130	23
7½S11/CR-120V	120V,7½W S11 CERAMIC RED	BW.7.5S11.CR	-
7½S11-WHITE	120V,7½W S11 MEDIUM SCREW WHITE	BW.7.5S11.W	-
10C7/DC	120V,10W C7 DC BAYONET BASE	BW.10C7.DC *	-
10C7/CL-120V	120V,10W C7 CANDELABRA BASE CLEAR	BW.10C7.CL-120V	33
10S6-120V	120V,10W S6 CANDELABRA BASE	BW.10S6-120V	32
10S6-230V	230V,10W S6 CANDELABRA BASE	BW.10S6-230V	32
10S6-250V	250V,10W S6 CANDELABRA BASE	BW.10S6-250V	32
10S6DC-120V	120V,10W S6 DC BAYONET BASE	BW.10S6.DC-120V	54
10S6DC-230V	230V,10W S6 DC BAYONET BASE	BW.10S6.DC-230V	54
10S6SC-120V	120V,10W S6 SC BAYONET BASE	BW.10S6SC-120V	-
10S11N	120V,10W S11 INTERMEDIATE BASE	BW.10S11N	29
10S11NF	120V,10W S11 INTERMD.BASE FROSTED	BW.10S11NF	-
10T3Q.CL	12V,10W T3 G4 BASE	BW.64415	10
10T3QLPCL6V	6V,10W T3 G4 BASE	BW.10T3QLPCL6V	11
15A/R	120V,15W A15 MEDIUM SCREW CERAMIC RED	BW.15A.R	-
15PCL/E14	125-130V,15W BFM 14mm SCREW BASE	BW.15PCL.E14	27
15S11/IF	120V,15W S11 CAND.BASE INSIDE FROST	BW.15S11.IF	31
15S11/13	120V,15W S11 CLEAR CANDELABRA BASE	BW.15S11.13	30
15S11/13 - GE BRAND	120V,15W S11 CLEAR CANDELABRA BASE	BW.15S11.13-GE * (Delisted) GE Brand	30
15S11/14	120V,15W S11 CLEAR CANDELABRA BASE	BW.15S11.14	30
15S11/87CL	120V,15W S11 CLEAR INTERMED.BASE	BW.15S11.87 CL *	29
15S11/87FR	120V,15W S11 FROSTED INTRMD. BASE	BW.15S11.87FR	-

15S11/102CF	120V,15W S11 CERAMIC FROST	BW.15S11.102CF	-
15S11102CL	120V,15W D11 CLEAR IMPORT BRAND	BW.15S11.102CL	23
15S11102CL-GE	120V,15W D11 CLEAR GE BRAND	BW.15S11102CLGE	23
15S11N.IF	120V,15W S11 FROSTED INTERMED.BASE	BW.15S11.87FR	-
15T7C	120V,15W T7 CLEAR CANDELABRA BASE	BW.15T7C	-
15T7DC-120V	120V,15W T7 DC BAYONET	BW.15T7.DC-120V	46
15T7N	120V,15W T7 INTERMEDIATE BASE CLEAR	BW.15T7N	25
15T7N/IF	120V,15W T7 INSIDE FROST INT. BASE	BW.15T7N.IF	-
15T8C-120V	120V,15W T8 CANDELABRA SCREW	BW.15T8C-120V *	-
15T8E14-120V	120V,15W T8 E14 BASE	BW.15T8E14-120V *	-
20S11	120V,20W S11 MEDIUM BASE CLEAR	BW.20S11	23

Wattage Coded Lamps Continued on Next Page

Lamp Cross Reference Guide (For Pricing, See Separate Pricing Sheet)

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<u>Lamp Number</u>	<u>Description</u>	<u>Bulbworks Number</u>	<u>Fig.</u>
Wattage Coded Incandescent & Quartz Lamp Types - Continued From Previous Page			
20T3QCL12V	12V,20W T3 G4 BASE	BW.64425	11
20T3QCLOGPR	12V,20W T3 G4 BASE	BW.64425	11
20T3QUCL24V	24V,20W T3 G4 BASE	BW.64435	8
20T3QUVSCCLAX	12V,20W T3 G4 BASE AXIAL FILAMENT	BW.64425AX	11
20T4QCLAX12	12V,20W T4 GY6.35 BASE	BW.20T4QCLAX12	11
20T6DC-120V	120V,20W T6 DC BAYONET BASE	BW.20T6DC-120V	46
25A/R	120V,25W A19 CER.RED SCRWBASE	BW.25A.R	-
25PCL/E14	120V,25W CLEAR 14mm SCREW BASE	BW.25PCL.E14	27
25R14N	120V,25W R14 REFLECTOR INT.BASE	BW.25R14N	26
25R14SC-SP	12V,25W R14 REFLECTOR SPOT	BW.25R14SC.SP *	-
25S11	120V,25W S11 MED.SCREW BASE	BW.25S11	23
25S11/2C	120V,25W S11 CANDELABRA BASE CLEAR	BW.25S11.2C	30
25S11/5C	120V,25W S11 CANDELABRA BASE FROSTED	BW.25S11.5C	31
25S11N	115-125V,25W S11 INTERMED.BASE	BW.25S11N	29
25T7DC-120V	120V,25W T7 DC BAYONET BASE	BW.25T7DC-120V	23
25T7N	120V, 25W T7 INT. BASE	BW.25T7N	25
25T8DC-120V	120V,25W T8 DC BAYONET	BW.25T8.DC-120V	46
25T8N	120V,25W T8 INTERMED.BASE CLEAR	BW.25T8N	25
25T8N/IF	120V,25W T8 INTERMED.SCRWBASE INSD.FROST	BW.25T8N.IF	-
25T10/CL-120V	120V,25W T10 CLEAR	BW.25T10CL-120V	40
25T10/IF-120V	120V,25W T10 MED.SCRWBASE INSD.FROST	BW.25T10IF-120V	-
30S11	120V,30W S11 MED. SCREW BASE	BW.30S11	23
35T4QUCLAX12	12V,35W T4 AXIAL FILAMENT	BW.35T4QUCLAX12	11
40BE14-120V	120V,40W B15 E14 BASE	BW.40BE14-120V *	28
40R14	120V,40W R14 MED. SCREW	BW.40R14	-
40R14M	120V,40W R14 INTERMEDIATE SCREW	BW.40R14N	26
40R16N	120V,40W R16 INTERMEDIATE BASE CLEAR	BW.40R16N	26
40R16-E14	125-130V,40W, R16 E14 BASE	BW.40R16-E14	26
40S11N	120V,40W S11 INTERMED.BASE CLEAR	BW.40S11N	29
40S11N-IF	120V,40W S11 INTERMED. BASE INSIDE FROST	BW.40S11N-IF	-
40T10CL-120V	120V,40W T10 MED.SCREW CLEAR	BW.40T10CL-120V	40
40T10CL-130V	125-130V T10 MED.SCREW BASE	BW.40T10CL-130V *	40
40T10IF-130V	125-130V,40W T10 MED.SCRWBASE	BW.40T10IF-130V *	-
50MR16.QNSP	12V,50W MR16 GU5.3 BASE NAR.SPOT	BW.EXT	1
50MR16.FL40	12V,50W MR16 GU5.3 BASE FLOOD	BW.EXN	3
50MR16.NFL25	12V,50W MR16 GU5.3 BASE NAR.FLOOD	BW.EXZ	3
50MR16.NSP12	12V,50W MR16 GU5.3 NARROW SPOT	BW.EXT	1
50MR16.VVWFL6	12V,50W MR16 GU5.3 BASE WIDE FLOOD	BW.FNV	3
50T4Q/CL	12V,50W T4 GY6.35 BASE	BW.64440	8
50T4QUCL24AX	24V,50W T4 GY6.35 AXIAL FILAMENT	BW.50T4QUCL24AX	9
50T4QUCLAX12	12V,50W T4 GY6.35 BASE AXIAL FILAMENT	BW.64440AX	9
75QCL-28V	28V,75W T3 E10 SCREW BASE	BW.75QCL-28V	43
75T3Q-28V	28V,75W T3 DC BAYONET BASE	BW.Q75CL.DC-28V	44
75T4Q.RP	12V,75W T4 GY6.35 BASE	BW.64455 (Delisted) *	8
75T4QCLAX-12V	12V,75W T4 GY6.35 BASE AXIAL FILAMENT	BW.64450AX	9
90T4QCLAX	12V,90W T4 GY6.35 BASE AXIAL FIL.	BW.90T4QCLAX	9
100A21SP	120V,100W A21 MED SPOT	BW.100A21SP *	-
100G16.5-28D	120V,100W DC BAYONET BASE	BW.100G16.5-28D *	-
100G16.5-29S	120V,100W G16.5 SC BAY	BW.100G16.5-29S (Delisted) *	-
100T8/1SC (BZA)	20V,100W SC BAYONET	BW.100T8.1SC *	45
100T10/HAL/CL (64486)	120V,100W HALOGEN CLEAR	BW.100T10HALCL	41
100T10/HAL/CF	120-130V,100W HALOGEN FROSTED	BW.100T10HALCF	42
125T10/P	120V,125W PREFOCUSED BASE	BW.125T10.P	88
150P25/2SB	120V,150W SILVER BOWL REFLECT.	BW.150P25.2SB	-
150P25/10-120V	120-125V,150W SURG.SPOT LIGHT FROST	BW.150P25.10120	-
150QCL-120V	120V,150W MINI CANDELABRA BASE	BW.ESL-OSR	43
150QCLDC120V	120V,150W DC BAYONET	BW.150QCL.DC120	44
150QCL/MC/120	120V,150W T4 CLEAR	BW.150QCL.MC120	43
150QCL/MC/130	130V,150W T4 CLR MINI CAN BASE	BW.150QCL.MC130	43
150T4QUCL24V (64465A)	24V,150W AXIAL FILAMENT	BW.150T4QUCL24V *	9
150T10/HAL/CL (64488CL)	120V,150W HALOGEN CLEAR	BW.JT120V150WG	41
150T10/HAL/FR (64488FR)	120V,150W HALOGEN FROSTED -No Longer Avail.	BW.JT120V150WG	41
200T3QCL120V	120V,200W T3 DBL.ENDED RSC BASE	BW.Q200T3CL120V	68
250QCL	120V,250W E11 MINI CANDELABRA BASE	BW.EHT	43
250QCL/DC	120V,250W DC BAYONET BASE	BW.ESS *	44
250QCL/MC	120V,250W E11 MINI CANDELABRA BASE	BW.EHT	43
250R40H	130V,250W R40 CLEAR HEAT LAMP	BW.250BR40.1CL *	-
300SB/IF	120V,300W SILVER BOWL FROSTED	BW.300SB.IF *	-
300T3Q.CL	120V,300W T3 DBL.ENDED RSC BASE	BW.EHM *	68
JA6V-55WD	6V,55W H3 WITH FLAT CONNECT.	BW.JA6V-55WD	127

JA12V-35W	12V,35W H3 WIRE LEAD PIN TERM.	BW.JA12V-35W	-
JA12V-35WD	12V,35W H3 WIRE LEAD FLAT TERM.	BW.JA12V-35WD	127

Many Other Wattage Coded Lamp Types In Stock. Contact Bulbworks For Lamps Over 500 Watts.

"J" Coded Lamp Types

JA12V-55W	12V,55W H3 WIRE LEAD PIN TERM.	BW.JA12V-55W	-
JA12V-55WD	12V,55W H3 WIRE LEAD FLAT TERM.	BW.JA12V-55WD	127
JA12V-55WD OSRAM	12V,55W OSRAM FLAT TERM	BW.JA12V-55WD O	Osram Brand 127
JA12V-55WH1	12V,55W H1 P14/55S BASE	BW.JA12V-55WH1	-
JA12V-100WD	12V,100W WIRE LEAD FLAT TERM.	BW.JA12V-100WD	127
JA24V-55WD	24V,55W WIRE LEAD FLAT TERM.	BW.JA24V-55WD	127
JA24V-60WD	24V,60W H3 WIRE LEAD PIN TERM.	BW.64451	127
JA24V-60WDBT	24V,60W H3 WIRE LEAD PIN TERM. BLACK TIP	BW.JA24V60WDBT	-

"J" Coded Lamps Continued on Next Page

Lamp Cross Reference Guide (For Pricing, See Separate Pricing Sheet)

<u>Lamp Number</u>	<u>Description</u>	<u>Bulbworks Number</u>	<u>Fig.</u>
"J" Coded Lamp Types (Continued from Previous Page)			
JA24V-70WD	24V,70W WIRE LEAD FLAT TERM.	BW.JA24V-70WD	127
JC6V-5W	6V,5W T3 G4 BASE	BW.JC6V-5W	10
JC6V-10W	6V,10W T3 G4 BASE	BW.JC6V-10W	10
JC6V-15W	6V,15W T3 G4 BASE	BW.JC6V-15W	10
JC6V-20W	6V,20W T3 G4 BASE	BW.JC6V-20W	10
JC6V-30W	6V,30W T3 G4 BASE	BW.JC6V-30W	10
JC12V-5W	12V,5W T3 G4 BASE	BW.JC12V-5W	12
JC12V-10W	12V,10W G4 BASE	BW.JC12V-10W	10
JC12V-10WG4 2000HR	12V,10W G4 BASE 2000 HOUR LIFE	BW.JC12V-10WG4	10
JC12V-20W (64425)	12V,20W T3 G4 BASE	BW.JC12V-20W	10
JC12V-20WG4C6	12V,20W T3 G4 BASE	BW.JC12V-20W	10
JC12V-30WH20	12V,30W G6.35 BASE	BW.JC12V-30WH20	8
JC12V-35WB	12V,35W G4 BASE	BW.JC12V-35WB	8
JC12V-35WG1	12V,35W T4 G6.35 BASE	BW.JC12V-35WG1	8
JC12V-50W	12V,50W T3 1/2 GY6.35 BASE CLEAR	BW.JC12V-50W	8
JC12V-50WG1	12V,50W T3 1/2 G6.35 BASE	BW.JC12V-50WG1	8
JC12V-50WH20	12V,50W T3 1/2 GY6.35 BASE CLEAR	BW.JC12V-50W	8
JC12V-75W	12V,75W T3 1/2 GY6.35 BASE	BW.JC12V-75W	8
JC12V-100W	12V,100W T4 GY6.35	BW.JC12V-100W	8
JC12V-100WC1	12V,100W T3 GY9.5 BASE	BW.FDT	16
JC12V-100WG	12V,100W T4 GY6.35 AXIAL FIL.	BW.JC12V-100WG	9
JC24V-10W	24V,10W G4 BASE	BW.JC24V-10W	10
JC24V-20W	24V,20W G4 BASE	BW.JC24V-20W	10
JC24V-35W	24V,35W GY6.35 BASE CLEAR	BW.JC24V-35W	7
JC24V-50W	24V,50W G6.35 BASE	BW.JC24V-50W	7
JC24V-75W	24V,75W GY6.35 BASE CLEAR	BW.JC24V-75W	7
JC24V-100W	24V,100W G6.35 BASE	BW.JC24V-100W	7
JC24V100WUSH	24V,100W G6.35 BASE	BW.JC24V100WUSH	Ushio Brand 7
JC24V-150W	24V,150W T4 G6.35 BASE	BW.FCS	7
JC24V-300WB	24V,300W T6 GY6.35 BASE	BW.JC24V-300WB	7
JC120V-250WGS	120V,250W T11 MINI.CAN.SCREW BASE	BW.EHT	43
JC120V-300WCL	120V,300W GY6.35 BASE	BW.JCD120V300WL	21
JCD12V-20WH20	12V,20W T3 G4 BASE	BW.JCD12V20WH20 *	10
JCD24V-60WBA	24V,60W DC BAYONET	BW.JCD24V-60WBA	44
JCD24V-75W	24V,75W DC BAYONET HALOGEN	BW.JCD24V-75W	44
JCD28V-75WGB	28V,75W DC BAYONET BASE	BW.Q75CL.DC-28V	44
JCD40V-60WB	40V,60W T4 G6.35 BASE	BW.JCD40V-60WB *	7
JCD120V-35W	120V,35W T3 GY6.35 BASE	BW.JCD120V-35W	7
JCD120V-50W	120V,50W GY6.35 BASE	BW.JCD120V-50W	7
JCD120V-75W	120V,75W	BW.JCD120V-75W	7
JCD120V-100W	120V,100W GY6.35 BASE	BW.JCD120V-100W	7
JCD120V-150W	120V,150W GY6.35 BASE CLEAR	BW.JCD120V-150W	7
JCD120V-150WB	120V,150W G6.35 BASE	BW.JCD120V150WB *	7
JCR12V-50WH20	12V,50W MR16 GZ6.35 BASE	BW.JCR12V50WH20 *	1
JCR12V-100W	12V,100W MR16 GZ6.35 BASE	BW.EFP	1
JCR12V-100WB (Delisted)	12V,100W MR16 GZ6.35 BASE	BW.JCR12V10010H (Nearest Sub.)	1
JCR12V-100W10	12V,100W,MR16 GZ6.35 BASE	BW.JCR12V100W10	1
JCR12V-100W10H	12V,100W MR16 GZ6.35 BASE	BW.JCR12V10010H	1
JCR15V150WH5	15V,150W MR16 GZ6.35 BASE	SEE BW.EFR-5	1
JCR120V-150WB (EKZ)	120V,150W MR16 GY5.3 BASE	BW.JCR120V150WB	1
JCRM6V-10WNF	6V,10W MR11 WITH FRONT GLASS	BW.JCRM6V-10WNF	2
JCRM6V-15WFG	6V,15W MR11 GZ4 BASE FRT GLASS	BW.JCRM6V-15WFG	2
JCRM6V-20W	6V,20W MR11 (83314 Nikon)	BW.JCRM6V-20W	2
JCRM7.2V-15W	7.2V,15W MR11 G4 BASE	BW.JCRM7.2V-15W (Delisted) *	2
JCRM12V-5W	12V,5W MR11 G4 BASE	BW.JCRM12V-5W	2
JCRM12V-15W	12V,15W MR11 G4 BASE	BW.JCRM12V-15W	2
JCRM12V-28W	12V,28W MR11 GZ4 BASE	BW.FLS *	2
JCRM12V-50W	12V,50W MR11 GZ4 BASE	BW.JCRM12V-50W	2
JCRM12V-75W	12V,75W MR11 G5.3-4.8 BASE	BW.JCRM12V-75W	4
JCRM12V-80W	12V,80W MR11 G5.3-4.8 BASE	BW.21237	4
JCRM12V-100W	12V,100W MR11 G5.3-4.8 BASE	BW.JCRM12V-100W	4
JCRM14V-35W	14V,35W MR11 GZ4 BASE	BW.13165	4
JCV-100WGB	120-130V,100W DC BAYONET BASE	BW.Q100CLDC	44
JCV120V-75WGSN	120V,75W MINICAN BASE CLEAR	BW.JCV120V75WGS	43
JCV120V-100WGSN	120V,100W MINICAN BASE CLEAR (ESN)	BW.JCV120V100WGS	43
JD75WDC-120V	110-130V,75W T4 DC BAYONET HALOGEN	BW.75QCL.DC-120	44
JPD25V150WG1	25V,150W T4 DBL.ENDED RSC BASE	BW.Q150T4.CL25V	67

JRM12V-10WG4	12V,10W MR11 G4 BASE	BW.JRM12V-10WG4	
JT120V100WG	120V,100W T10 MEDIUM SCREW CLEAR	BW.100T10HALCL	41
JT120V150WG	130V,150W DBL. ENVELOPE MED. SCREW	BW.JT130V150WG	41

Many Other "J" Coded Lamp Types In Stock. Please Call or Visit www.bulbworks.com

Wotan Coded Lamp Types

70249	6V,20W WITH PREFOCUSED FLANGE	BW.OQ-70249B (Delisted) *	105
70302	12V,60W DC BAYONET BASE	BW.OQ-348	-
70313	6V,30W (39-01-58) WITH TRIANG.FLANGE	BW.OQ-58Z	112
70314	6V,25W WITH TRIANG.FLANGE	BW.OQ-53Z	112
70386	6V,15W T6 DC BAYONET BASE	BW.8018	46
70396	6V,50W SPECIAL FLANGE BASE	BW.OQ-86Z *	112
70410	12V,60W S11 SC BAYONET BASE	BW.OP2502 *	-

Many Other Wotan Coded Lamp Types In Stock. Please Call or Visit www.bulbworks.com

Lamp Cross Reference Guide (For Pricing, See Separate Pricing Sheet)

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<u>Lamp Number</u>	<u>Description</u>	<u>Bulbworks Number</u>	<u>Fig.</u>
Osram Coded Lamp Types (Substitute & Equivalent Brands Sometimes Supplied)			
2821	12V,3W T3 WEDGE BASE	BW.2821 (Delisted) *	92
41865FL	12V,35W MR16 GU5.3 BASE	BW.FMW	3
41870WFL	12V,50W MR16 GU5.3 BASE	BW.EXN	3
41890FL	12V,20W MR11 GZ4 BASE 17 DEG.BEAM	BW.FTC	3
41890WFL	12V,20W MR11 GU4 BASE 38 DEG.BEAM	BW.FTD-OSR *	3
41892SP	12V,35W MR11 GZ4 BASE SPOT	BW.FTE	1
41900	12V,20W AR48 GY4 BASE ALUM.REFL.	BW.41900SP	132
41900SP	12V,20W AR48 GY4 BASE ALUM.REFL.	BW.41900SP	132
41930SP	24V,20W GY4 BASE 8 DEG.SPOT	BW.41930SP	132
44860	12V,20W MR16 GU5.3 BASE NAR SP	BW.ESX	1
44890SP	12V,20W GU4 BASE FRONT GLASS	BW.44890SP	1
44890WFL	12V,20W MR11 GU4 BASE	BW.44890WFL	3
4643	12V,50W MODIFIED FOR WILD	BW.384-643	117
48865SP	12V,35W MR16 GU5.3 BASE	BW.48865SP	1
5001	6V,10W GLOBULAR SC BAY. (500-096)	BW.5001	-
5007	12V,5W B6 SC BAYONET	BW.5007	-
5008	12V,10W B6 SC BAYONET	BW.5008	-
5021	6V,5W E10MM SCREW BASE	BW.5021	34
6251	6V,5W SC BAYONET	BW.6251	61
6411	12V,10W TUB.FESTOON 42MM X 11MM	BW.6411	99
64111	12V,5W HALOGEN BA9S BASE	BW.64111	72
64113	12V,10W BA9S BASE	BW.64113 *	72
64115	12V,20W BA9S BASE	BW.64115	72
6413	12V,5W TUBULAR FESTOON 44MM X 11MM	BW.6413	99
64151	12V,55W H3 WIRE LEAD FLAT TERM	BW.JA12V-55WD O	127
64153	12V,100W H3 WIRE LEAD FLAT TERM	BW.JA12V-100WD	127
64156	24V,70W PK22S BASE	BW.64156	127
6416	6V,5W TUB.FESTOON 36MM X 10MM	BW.6416	99
6418	12V,5W TUB.FESTOON 36MMx11MM	BW.6418	99
64222	6V,10W T3 1/2 PG22 BASE	BW.64222	-
64223	6V,10W T3 1/2 G4 BASE	BW.64223	10
64225	6V,10W T3 G4 BASE	BW.ESA-OSR	10
6423-OSRAM	24V,5W TUBULAR FESTOON	BW.6423-OS	99
6424	24V,5W 41MM X 10 1/2MM TUB.FEST.	BW.6424	99
64250	6V,20W T3 G4 BASE	BW.ESB-OSR	10
64251	6V,20W PG22 BASE	BW.64251	-
64255	8V,20W MR11 G4 BASE	BW.64255	1
64258	12V,20W T3 G4 BASE	BW.64258	10
64260	12V,30W T3 1/2 PG22 2 PIN PREFOCUSED BASE	BW.64260	-
64261	12V,30W T3 1/2 GY6.35 BASE	BW.64261	8
64265	6V,30W T3 G4 BASE	BW.64265	10
64275	6V,35W T3 CLEAR G4 BASE	BW.64275	10
6428	12V,3W (12842)	BW.6428	99
64408	12V,5W T3 G4 BASE HIGH TEMP.	BW.64408	10
64410 (S)	6V,10W T3 G4 BASE AXIAL FILAMENT	BW.10T3QLPCL6V	11
64415	12V,10W T3 G4 BASE CLEAR	BW.64415	10
64415S	12V,10W T3 G4 AXIAL FILAMENT	BW.64415S	11
64425	12V,20W T3 G4 BASE CLEAR	BW.64425	10
64425AX	12V,20W T3 G4 BASE AXIAL FILAM.	BW.64425AX	11
64432	12V,35W GY6.35 BASE	BW.64432	8
64432AX	12V,35W T4 GY6.35 BASE	BW.35T4QUCLAX12	9
64435	24V,20W G4 BASE	BW.64435	10
64440 (JC12V-50W)	12V,50W GY6.35 BASE	BW.64440	8
64440AX	12V,50W AXIAL FILAMENT	BW.64440AX	9
64445	24V,50W T3 GY6.35 BASE	BW.13090	9
64445UAX	24V,50W T4 GY6.35 BASE AXIAL FIL.	BW.50T4QUCL24AX	9
64450AX (75T4QCLAX12)	12V,75W AXIAL FILAMENT	BW.64450AX	9
64451	24V,60W PK22S BASE	BW.64451	127
64455	24V,75W, T4 GY6.35 BASE	BW.64455 (Delisted) *	8
64458	12V,90W T4 GY6.35 BASE AXIAL FIL.	BW.90T4QCLAX	9
64460	24V,100W T4 GY6.35 BASE	BW.64460	8
64460U	24V,100W GY6.35 BASE AXIAL FILAMENT	BW.64460U	9
64465AX	24V,150W T4 AXIAL FILAMENT	BW.150T4QUCL24V *	9
64486 - CLEAR	120V,100W T10 MED.SCREW - CLEAR	BW.100T10HALCL	41
64488 - FROSTED	120V.150W T10 MED.SCREW FROSTED <i>No Longer</i>	BW.150T10HAL-FR	42

6451	12V,15W 41 X 15 1/2MM TUB.FESTOON	BW.6451	99
64512 (FNS)	115-120V,300W GX6.35/20 BASE	BW.64512 *	-
64514	115-120V,300W GX6.35/20 BASE	BW.64514	-
6453	24V,15W SV8.5 TUBULAR FESTOON	BW.6453	99
64602	12V,50W T3 G6.35 BASE	BW.64602	8
64607	8V,50W MR16 GZ6.35 BASE	BW.EFM	1
64608	13.8V,50W MR16 GX5.3 BASE	BW.EPZ	1
64609	12V,50W PG22 BASE	BW.64609 *	-
6461	12V,10W TUB.FESTOON	BW.6461	99
64610	12V,50W T4 G6.35 BASE	BW.BRL-OSR	7
64611	12V,50W T3 1/2 G6.35 BASE	BW.64611	7
64613	12V,75W MR11 G5.3-4.8 BASE	BW.64613-IMP	4
64615	12V,75W MR16 GZ6.35 BASE	BW.EFN-OSR	1
64617	12V,75W MR11 G5.3-4.8 BASE	BW.64617	4
64617S	12V,75W MR11 G5.3-4.8 BASE SPOT	BW.64617S	4
64618	13.8V,85W MR16 GX5.3 BASE	BW.DED	3
64619	14.5V,90W MR16 GX5.3 BASE	BW.EPX	1
64623	12V,100W T3.5 GY6.35 BASE	BW.EVA-OSR	7
64624	12V,100W MR11 DICHROIC REFLECTOR	BW.64624	4

Osram Coded Lamps Are Continued On The Next Page!

Lamp Cross Reference Guide (For Pricing, See Separate Pricing Sheet)

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Lamp Number	Description	Bulbworks Number	Fig.
Osram Coded Lamp Types (Substitute & Equiv. Brands Sometimes Supplied)- Continued from Previous Page			
64625	12V,100W T3 GY6.35 BASE	BW.FCR-OSR	7
64626	12V,100W PG22 BASE	BW.EHE	-
64627	12V,100W MR16 GZ6.35 BASE	BW.EFP-OSR	1
64628	12V,100W T3 GY9.5 BASE	BW.FDT-OSR	16
64629	12V,100W MR16 GZ6.35 BASE (600 HOURS)	BW.EFP-X	1
64633	15V,150W T4 G6.35 BASE	BW.BRJ-OSR	7
64634	15V,150W MR16 GZ6.35 BASE	BW.EFR-OSR	2
64635	15V,150W MR16 GZ6.35 BASE	BW.64635	1
64637	12V,100W MR16	BW.64637	1
64638	24V,100W G6.35 BASE	BW.64638	7
64638	24V,150W G6.35 BASE	BW.64638-IMP	7
64640	24V,150W T4 G6.35 BASE	BW.FCS-OSR	7
64641	24V,150W G6.35 BASE	BW.64641	7
64642	24V,150W G6.35 BASE	BW.FDV-OSR	7
64643	24V,150W T4 GZ9.5 BASE	BW.FDS.DZE-OSR	16
64644	24V,200W MR16 GX5.3 BASE	BW.EJL-OSR	1
64650	22.8V,50W AXIAL FILAMENT	BW.64650	9
64653	24V,250W MR16 OSRAM BRAND	BW.64653 (See Also BW.ELC)	1
64654	24V,250W T4 GY9.5 BASE	BW.64654	-
64655	24V,250W T4 G6.35 BASE	BW.EHJ-OSR	7
64656	24V,275W T4 G6.35 BASE PLATINUM PINS	BW.FNT *	7
64657	24V,250W T5 G6.35 BASE	BW.EVC.FGX-OS	7
64663	36V,400W T6 GY6.35 BASE	BW.EVD-OSR *	7
6470	6V,18W TUBULAR FESTOON	BW.NA17503 (Delisted) *	99
64743	120V,1000W G9.5 BASE	BW.FEL	-
64762	120V,1500W G38 MOGUL BI-POST	BW.CXZ	-
64790	120V,2000W T11 G38 MOGUL BI-POST	BW.CYX	-
67241	6V,15W THREADED BASE	BW.681.32 *	108
67273	6V,15W 14MM THREADED BASE	BW.681.34	108
6844	6V,18W TUBULAR FESTOON	BW.NA17503 (Delisted) *	99
7327	28V,40MA T1 3/4 BI-PIN	BW.7327	94
7330	14V,0.08A T1 3/4 BI-PIN	BW.7330	94
7349	6.3V,0.20A T1 3/4 BI-PIN	BW.7349	94
7354	12V,0.75A T1 3/4 MIDGET GROOVE	BW.7354	73
7361	5V,.06A T1 3/4 BI-PIN	BW.7361	94
7362	5V,.115A BI PIN	BW.7362	94
7376	28V,0.065A T1 3/4 BI-PIN	BW.7376	94
7381	6.3V,.20A T1 3/4 BI PIN	BW.7381	94
7382	14V,0.08A T1 3/4 BI-PIN	BW.7382	94
7511	24V,21W S8 SC BAYONET	BW.7511	-
7577	6V,25W (050-530) SC BAYONET	BW.7577 (Delisted) *	-
7628	6V,0.20A T1 1/4 BI-PIN	BW.7628	94
7632	28V,0.04A T1 1/4 BI-PIN	BW.7632	94
7683	5V,0.06A T1 BI-PIN	BW.7683	94
7839	28V,24MA T1 MINIATURE BI-PIN	BW.7839	94
8001	6V,4.35A (610-025)	BW.8001 *	28
8013	6V,10W DC BAYONET	BW.8013 *	74
8017	6V,15W (3800-29-9020) DC BAYONET	BW.8017 *	46
8017 OSRAM	6V,15W (3800-29-9020) DC BAYONET	BW.8017-OSRAM	Import Brand Osram Brand
8018	6V,15W DC BAYONET	BW.8018	Import Brand
8018 OSRAM	6V,15W DC BAY. OSRAM BRAND	BW.8018-OSR	Osram Brand
8022	12V,50W S11 BA20D BASE	BW.8022	74
8024	12V,40W (700-016)(3800-29-7290)	BW.8024	Import Brand
8025 OSRAM	6V,30W (620-071)	BW.8025-OSR	74
8025 WITH WINDOW	6V,30W, SILVERED WITH APERTURE TOP	BW.8025BL *	76
8029	15V,60W BA20D BASE	BW.8029 *	74
8100	6V,30W (500-011) E14 SCREW BASE	BW.8100	Import Brand
8100 OSRAM	6V,30W OSRAM BRAND E14 SCREW	BW.8100-OSR	Osram Brand
8110	6V,30W (500-011) E14 SCREW BASE	BW.8100	Import Brand
8203	25V,1A T6 SC BAYONET	BW.8203 *	46

Many Other Osram Coded Lamp Types In Stock. Please Call or Visit www.bulbworks.com

Mercury & Metal Halide LampTypes

H44GS-100	100W PAR38 MERCURY ADMED BASE	BW.H44GS-100 (Delisted) *	131
H44GS100MDSK	100W PAR38 MEDIUM SKIRTED BASE	BW.LED18W365NM	131
LED18W365NM	18W PAR38 LED REPLACEMENT FOR H44GS100MDSK	BW.LED18W365NM	131A
HPA400S	125V,400W MERCURY LAMP	BW.HPA400S *	-
HPW125	120V,125W BLACK LIGHT BLUE	BW.HSW125	-
HR100PSF44ME	100W PAR38 MERCURY ADMED BASE	BW.H44GS-100 (Delisted) *	131
SAH250B	250W MERCURY LAMP	BW.SAH250B	89

Many Other Mercury & Metal Halide Coded Lamp Types In Stock. Please Call or Visit www.bulbworks.com
See Also Osram And Ushio Sections For Additional Mercury Lamp Types.

Gilway Lamp Types

L1009	3.5V,1.5W WIRE LEADS	BW.L1009	-
L1023	2.5V,0.35A FOCUSED LENS END LAMP	BW.L1023 *	-
L1024	3.5V,2W LENS END	BW.L1024	-
L1027	3.5V,0.60A HALF SPHERICAL LAMP	BW.L1027	-
L7386A	12V,75W T4 GY6.35 BASE	BW.L7386A	8
L7394 & L7394A	6V,20W T3 G4 BASE	BW.L7394	8
L9404	12V,20W GY9.5 BASE	BW.L9404 *	16

Many Other Gilway Lamp Types Are Available. Please Call or Visit www.bulbworks.com

Lamp Cross Reference Guide (For Pricing, See Separate Pricing Sheet)

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<u>Lamp Number</u>	<u>Description</u>	<u>Bulbworks Number</u>	<u>Fig.</u>
Osram Mercury & Metal Halide Lamp Types			
HBO50W/L1	AC39-45V,50W	BW.HBO50W.L1	150
HBO50W/L2	AC34-39V,50W	BW.HBO50W.L2	150
HBO50W/3	DC 50W	BW.HBO50W.3	150
HBO100W/2	DC100W 200 HRS.AVRG.RATED LIFE	BW.HBO100W.2	147
HBO103W/2	DC100W LONG LIFE 300 HRS.AVERG. LIFE	BW.HBO103W.2	147
HBO103W/45	100W MERC.WITH REFLECTOR	BW.HBOR103.W45	-
HBO200W/L1	200W MERC.3 ELECTRODES	BW.HBO200W.L1 (Delisted)	152
HBO200W/L2	200W MERC.3 ELECTRODES	BW.HBO200W.L2 (Delisted) *	152
HBO200W2/L1	200W 2 ELECTRODES	BW.HBO200W.2.L1 *	151
HBO200W2/L2	200W 2 ELECTRODES	BW.HBO200W.2.L2 *	151
HBO200W2/TML1	200W THREAD METRIC	BW.HBO200W2TML1	151
HBO200WDCTLM1	200W THREAD METRIC	BW.HBO200W2TML1	151
HBO200W2/TML2	200W THREAD METRIC (USE L1 VERSION)	BW.HBO200W2TML1(Delisted)	151
HBO200W/4	200W 61 +6 VOLTS AC	BW.HBO200W.4	151
HBO200W/DC	200W DIRECT CURRENT	BW.HBO200W.DC	151
HBO200W/DC/TML1	200W THREAD METRIC	BW.HBO200W2TML1	151
HBO350W	350W 60V DC	BW.HBO350W	151
HBOR103.W45	100W MERC. WITH REFLECTOR	BW.HBOR103.W45	-
HMI575WDXS	95V,575W METAL HALIDE	BW.HMI575WDXS	-
HMI575WGS	95V,575W METAL HALIDE	BW.HMI575WDXS	-
HMI575W/SE	575W SINGLE ENDED METAL HALIDE	BW.HMI575W.SE	-
HMP575SE	575W METAL HALIDE	BW.HMP575SE	-
HPL575-115	115V,575W T6 G9.5 BASE HEAT SINK	BW.HPL575-115	-
HPL575-115X	115V,575W T6 G9.5 BASE HEAT SINK	BW.HPL575-115X	-
HPL575W-120V	120V,575W T6 G9.5 BASE HEAT SINK	BW.HPL575W-120V	-
HPL575WX-120	120V,575W T6 G9.5 BASE HEAT SINK	BW.HPL575WX-120	-
HTI150W	150W METAL HALIDE SING.ENDED	BW.HTI150W	18
HTI150W	150W METAL HALIDE SING.ENDED	BW.HTI150W-IMP	18
HTI250W/32	250W (NO CONNECTOR)	BW.HTI250W.32	-
HTI250W/32C	250W WITH CONNECTOR	BW.HTI250W.32C	137
HTI400W/24	400W METAL HALIDE	BW.HTI400W.24	-

de Lamp Types In Stock. Please Call or Visit www.bulbworks.com

Osram Xenon Lamp Types

XBO75W/2	DC 14V,75W	BW.XBO75W.2	146
XBO75W/2-OFR	DC 14V,75W OZONE FREE	BW.XBO75W.2-OFR	146
XBO150W/1	DC 20V,150W	BW.XBO150W.1	151
XBO150W/1-OFR	150W XENON OZONE FREE	BW.XBO150W.1.OFR	151
XBO150W/CR/OFR	150W XENON GAP SHORT OZONE FREE	BW.XBO150WCROFR	151
XBO150W/GS-OFR	150W XENON GAP SHORT OZONE FREE	BW.XBO150WCROFR	151
XBO150W/S	150W XENON	BW.XBO150W.S	151
XBO450W/OFR	450W XENON OZONE FREE	BW.XBO450W.OFR	-
XBO450W2/OFR	450W XENON OZONE FREE	BW.XBO450W2OFR	-
XBOR100W45C	13.6V,100W XENON WITH CABLE	BW.XBOR100W45C	-
XBOR101W45C	13.6V,100W XENON WITH CABLE	BW.XBOR101W45C	-
XBOR180W45C	180W XENON SHORT ARC WITH CABLE	BW.XBOR180W45C	-
XBOR180W45OF	14V,180W XENON OZONE FREE	BW.XBOR180W45OF	-
XBO/R/180W/45 OFR	14V,180W XENON OZONE FREE	BW.XBOR180W45OF	-
XBO/R/300W/60C	17V,300W XENON SHORT ARC	BW.XBOR300W-60C	-

Many Other Osram Xenon Lamp Types Lamp Types In Stock. Please Call or Visit www.bulbworks.com

Ushio Mercury And Metal Halide Lamp Types

SMR200-D1	200W METAL HALIDE	BW.SMR200-D1	-
SMR201-UV1	200W METAL HALIDE	BW.SMR201.UV1	-
SMR202-D1	200W METAL HALIDE	BW.SMR202-D1	-
USH50W/AC1	50W MERC. 39-45V	BW.USH50AC1 (HBO50W.L1)	150
USH50W/AC2	50W MERC. 34-39V	BW.USH50AC2 (HBO50W.L2)	150
USH-102D	100W MERCURY AVG.LIFE 200 HRS.	BW.USH102D (USE IN OLYMPUS ONLY)	147
USH-102DH	100W MERCURY AVG.LIFE 200 HRS.	BW.USH102DH (HBO100W.2)	147
USH103D	100W MERCURY LONG LIFE 300 HRS.	BW.USH103.D (HBO103W.2)	147

USH-200DP	200W MERCURY	BW.USH200DP	151
USH-205DP	57V,200W THREAD METRIC	BW.USH205DP (HBO200W2TML1)	151
USH-250D	250W MERCURY LAMP	BW.USH250D	151
USH-350DP	350W MERCURY	BW.USH350DP	-

Many Other Ushio Mercury Lamp Types In Stock. Please Call or Visit www.bulbworks.com

Ushio Xenon Lamp Types

UXL-75XE	75W XENON	BW.UXL75XE	146
UXLS-75XE	75W XENON LONG LIFE	BW.UXLS75XE	146
UXL-150MO	150W OZONE FREE	BW.UXL150MO	151
UXLS-150MO	150W XENON STABLE OZONE FREE	BW.UXLS150MO	151
UXL-150S	150W XENON STABLE	BW.UXL150S	151
UXL150SO	150W XENON STABLE OZONE FREE	BW.UXL150SO	151
UXL-151H	150W XENON	BW.UXL151H	151
UXL-151HO	150W XENON OZONE FREE	BW.UXL151HO	151
UXL-152H	150W XENON	BW.UXL152H	151
UXM200H	200W MERC./XENON DEEP UV	BW.UXM200HO	-
UXM200HO	200W MERC./XENON OZONE FREE	BW.UXM200HO	-
UXR300AU (Continuous)	14V,300W CERAMIC XENON	BW.VAC300-F-C5	-
UXR300BU (Pulsed)	14V,300W CERAMIC XENON	BW.UXR300BU	-
UXR300BF	14V,300W CERAMIC XENON	BW.UXR300BF	-
UXR300CU	14V,300W CERAMIC XENON	BW.VAC300-F-C5	-
VAC175-F-C	15V,175W CERAMIC XENON	BW.VAC175-F-C	-
VAC300-F-C5	14V,300W CERAMIC XENON	BW.VAC300-F-C5	-

Many Other Ushio Xenon Lamp Types In Stock. Please Call or Visit www.bulbworks.com

Lamp Cross Reference Guide (For Pricing. See Separate Pricing Sheet)

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<u>Lamp Number</u>	<u>Description</u>	<u>Bulbworks Number</u>	<u>Fig.</u>
“OQ” Coded Lamp Types (For Zeiss & Others)			
OQ-01R	6V,15W DC BAYONET PREF. BASE	BW.OQ-01R (Delisted) *	104
OQ-15R	6V,30W (5A) PREF.SCRW BASE	BW.OQ-15R (Delisted) *	-
OQ-49	12V,30W PG22 2 PIN BASE	BW.64260	-
OQ-49W	6V,15W (177-160) (Original Lamp was 20W)	BW.OQ-70249B (Delisted) *	105
OQ53Z	6V,25W (39-01-53) TRI.PREF. BASE	BW.OQ-53Z	112
OQ58Z	6V,30W (39-01-58) "S" SHAPED ENV.	BW.OQ-58Z	112
OQ-58Z-OSRAM	6V,30W (39-01-58) "T" SHAPED ENV.	BW.OQ-58Z-OSR	Osram Brand
OQ-58Z-SC	6V,30W SINGLE CON. TRI. PREF.BASE	BW.OQ-58Z-SC *	112
OQ-72Z	6V,5W (39-01-72)	BW.OQ-72Z *	115
OQ-76Z	6V,15W (38-01-76)(3800-18-1730)	BW.OQ-76Z *	104
OQ-77Z	6V,15W (38-01-77)(3800-18-1740)	BW.OQ-77Z	102
OQ-77Z-ZEISS	6V,15W (38-01-77)(3800-18-1740)	BW.OQ-77Z-ZEISS *	Ziess Brand
OQ-86Z	6V,50W (38-01-86)	BW.OQ-86Z *	112
OQ-177L	6V,15W PREFOC. BASE	BW.77903	103
OQ348	12V,60W (38-02-16)	BW.OQ-348	74
OQ393	12V,50W MODIFIED FOR WILD	BW.384-643	117
OQ70249B	6V,20W (177-160)	BW.OQ-70249B (Delisted) *	105

Many Other “OQ” Coded Lamp Types In Stock. Please Call or Visit www.bulbworks.com

“Q” Coded Lamp Types

Q50GY6.35-120V	120V,50W GY6.35 BASE	BW.Q50GY6.35	7
Q50MR16-NSP	12V,50W MR16 GU5.3 NAR.SPOT	BW.EXT	1
Q50MR16FL1	12V,50W MR16 GX5.3 28 DEG.BEAM	BW.ENL	1
Q75CL	28V,75W E10 SCREW BASE	BW.75QCL-28V	43
Q75CL/DC-28V	28V,75W DC BAYONET BASE	BW.Q75CL.DC-28V	44
Q90T4QCL/AX	12V,90W T4 GY6.35 AXIAL FILAMENT	BW.90T4QCLAX	9
Q100CL/DC	120-130V,100W DC BAY HALOGEN	BW.Q100CLDC	44
Q100T3CL	120V,100W DBL.ENDED.RSC BASE	BW.Q100T3CL	68
Q150T3CL	120V,150W T3 DBL.END.RSC BASE 119MM	BW.150T3QCL120L	68
Q150T3CL79	120V,150W T3 DBL.END.RSC.BASE 79MM	BW.150T3QCL120S	68
Q150T4CL-25V	25V,150W DBL.ENDED RSC BASE	BW.Q150T4.CL25V	67
Q150T4CL25IM	25V,150W IMPORT BRAND	BW.Q150T4CL25IM	Import Brand
Q200T3CL120V LONG	120V,200W T3 DBL.ENDED 4 11/16"	BW.Q200T3CL120V	68
Q200T3CL120V SHORT	120V,200W T3 DBL.ENDED 3 1/8"	BW.Q200T3CL120S	68
Q235T4-33V (129249)	33V,235W T4 GY9.5 BASE	BW.Q235T4-33V	17
Q250T3CL120V LONG	120V,250W T3 DBL.ENDED 4 11/16"	BW.Q250T3CL120L	68
Q250T3CL120V SHORT	120V,250W T3 DBL.ENDED 3 1/8"	BW.Q250T3CL120S	68

Many Other “Q” Coded Lamp Types In Stock. Please Call or Visit www.bulbworks.com

Thorn Coded Lamp Types (& European ANSI)

M28	12V,100W GY6.35 BASE	BW.EVA	7
M32	12V,50W T3 GY6.35 BASE 2000 HRS.	BW.JC12V-50W	7
M43	6V,10W T3 G4 BASE	BW.5972-IMP	10
M47	12V,20W T4 G4 BASE	BW.64425	10
THE/12	13.8V,25W MR11 GZ4 BASE	BW.FLT	2
THE/43	12V,100W MR16 GZ6.35 BASE	BW.EFP	1
THE/68	12V,28W MR11 GZ4 BASE	BW.FLS *	2
THE/71	15V,150W MR16 GZ6.35 BASE	BW.EFR	1
THE/335	12V,100W T4 GY9.5 BASE	BW.THE.335	-

Many Other Thorn Lamp Types Are Available. Please Call or Visit www.bulbworks.com

Hosobuchi Coded Lamp Types

O-3113	6V,18W (3A) 15MM SC BAYONET	BW.O-3113	60
O-3521	120V,20W DC BAYONET	BW.20T6DC-120V	50
O-3900	120V,30W R12 DC BAYONET BASE BLUE	BW.MA584 (DELISTED)	58
OP2101U	4-6V,1.2A SC BAYONET VERTICAL FILAMENT	BW.OP2101U	-
OP2101Z	4-6V,1.2A SC BAYONET HORIZONTAL FILAMENT	BW.OP2101Z	61

OP2103	6V,10W G4 ½ MINIATURE SCREW BASE	BW.8G102	35
OP2104	6V,12W G4 ½ MINIATURE BAYONET BASE	BW.OP2104	61
OP2106	3-6V,2A G 4 ½ CLEAR FLAT FILAMENT	BW.8M102 *	60
OP2108	6V,15W G4 ½ MINIATURE BAYONET	BW.EL-11 *	61
OP2114	6V,15-18W (3A) DC BAYONET BASE	BW.76907 *	53
OP2115	6V,3A G4 ½, DC BAYONET BASE	BW.MA100 (Delisted)	53
OP2118	6V,30W DC BAYONET BASE	BW.77904	46
OP2128	6V,15W DC BAYONET	BW.OP2128 *	53
OP2142S	6V,6W SC BAYONET	BW.OP2142S *	61
OP2164	9V,2A SC PREFOCUSED FLANGE BASE	BW.9V2A *	114
OP2203	8V,15W MINIATURE BAYONET BASE	BW.EL-38	61
OP2205	8V,5A WITH TABS PEAR SHAPE	BW.904-080-120	111
OP2401	10V,70W MEDIUM PREFOCUSED BASE	BW.71256	85
OP2402	10V,70W MEDIUM PREFOCUSED BASE	BW.71818 *	85
OP2502 (70410)	12V,60W S11 BA15S BASE	BW.OP2502 *	62
OP2503	12V,100W MEDIUM PREFOCUSED BASE	BW.200-727 *	85
OP2505	12V,150W SC PREFOCUSED BASE	BW.201-131	-
OP2700	15V,150W MEDIUM PREFOCUSED BASE	BW.72168	85
S-5202	12V,3W G4 ½ SHAPE BA9S BASE	BW.S-5202 *	61
S-5203	12V,10W G4 ½ 9MM SC BAY	BW.S-5203	61

Many Other Hosobuchi Lamp Types In Stock. Please Call or Visit www.bulbworks.com

Sodium Lamp Types

SOX18	18W SODIUM LAMP	BW.SOX18	-
SOX35	35W SODIUM	BW.SOX35	-
SOX55	55W SODIUM LAMP BY22D BASE	BW.SOX55W	-

Many Other Sodium Lamp Types In Stock. Please Call or Visit www.bulbworks.com

Lamp Cross Reference Guide (For Pricing, See Separate Pricing Sheet)

<u>Lamp Number</u>	<u>Description</u>	<u>Bulbworks Number</u>	<u>Fig.</u>
AMSCO Lamp Types			
150P25.2SB	120V,150W P25 MEDIUM SCREW	BW.150P25.2SB	-
150P25.10120	120-125V,150W P25 MED. SCREW LIGHT FROST	BW.150P25.10120	-
93902-608	22V,50W MR16 GX5.3 BASE	BW.93902-608	-
ETF	120V,150W T4 DOUBLE CONTACT BAYONET	BW.ETF	-
P093926.047	22V,180W GZ9.5 BASE FOR AMSCO	BW.P093926.047	-
P129362-228	22V,220W GY9.5 BASE FOR AMSCO	BW.P129362-228	-
P129-249001	33V,235W T4 GY9.5 BASE	BW.Q235T4-33V	17
P129249	33V,235W T4 GY9.5 BASE FROSTED	BW.Q235T4-33V	17

Many Other AMSCO Lamp Types Available. Please Call or Visit www.bulbworks.com

Miniature & Sealed Beam Lamp Types For Microscopes, Instruments, Indicators, & Others

MOST MINIATURE LAMPS ARE SOLD IN PACKS OF 10.

5ESB	5V,0.04A T2 INDICATOR	BW.5ESB	96
6	6.4V,3.0A DC BAYONET	BW.6	56
12	6.3V,0.15A MINIATURE BI-PIN	BW.12 (Delisted) *	15
12ESB	12V,40MA T2 TEL.SLIDE #5	BW.12ESB	9
12PSB5	12V,.17A T2 TEL.SLIDE #5	BW.12PSB5	97
12RB	12V,.17A BA9S MIN. BAY W/ REFLECTOR	BW.12RB *	-
13	3.7V,0.30A MINIATURE SCREW	BW.13	36
14	2.47V,0.30A MINIATURE SCREW	BW.14	36
15	7.0V,0.40A MINIATURE BI-PIN	BW.15	15
18	14V,0.04A T1 3/4 WEDGE BASE	BW.18	93
22	14V,0.04A T1 SC MIDGET FLANGE	BW.22	79
24MB	24V,2W MINIATURE BAYONET	BW.24MB	71
24PC	24V,.072A (1.75W) T2 CARTRIDGE LAMP	BW.24PC	-
24PSB5	24V,0.073A T2 SLIDE #5	BW.24PSB5	96
27	4.9V,0.30A MINIATURE SCREW	BW.27	35
28	4.5V,21MA T3 1/4	BW.28	95
28PC	28V,.04A T2 CARTRIDGE LAMP	BW.28PC	-
28PSB5	28.0V,0.04A SLIDE LAMP #5	BW.28PSB	71
37	14.0V,0.09A T1 3/4 SUB.MIN.WEDGE	BW.37	93
40	6.3V,0.15A MINIATURE SCREW	BW.40	38
44	6.3V,0.25A MINIATURE BAYONET	BW.44	70
45	3.2V,.35A T3 1/4 MIN.BAYONET BASE	BW.45	70
46	6.3V,0.25A MINIATURE SCREW	BW.46	38
47	6.3V,0.15A MINIATURE BAYONET	BW.47	70
48	2.0V,0.06A T3 1/4 MINIATURE SCREW	BW.48	38
49	2.0V,0.06A T3 1/4 MINIATURE BAYONET	BW.49	70
50	7.5V,0.22A MINIATURE SCREW	BW.50	36
51	7.5V,0.22A MINIATURE BAYONET	BW.51	60
52	14.4V,0.1A MINIATURE GLOBE	BW.52	36
53	14.4V,0.12A G3 1/2 MINIATURE BAYONET	BW.53	60
55	7.0V,0.41A MINIATURE BAYONET	BW.55	61
55C	55V,2.75W T-2 SLIDE #3	BW.55C	97
56	5V,115MA T1 3/4 WEDGE BASE	BW.56	95
57-GE	14V,0.24A MINIATURE BAYONET	BW.57-GE *	61
60PSB5	60V,3W T2 SLIDE LAMP	BW.60PSB5	96
63	7V,0.63A G6 SC BAYONET	BW.63	60
64	7V,0.63A G6 DC BAYONET	BW.64	60
67	13.5V,0.59A SC BAYONET BASE	BW.67	60
68	13.5V,0.59A G6 DC BAYONET	BW.68	60
70	14V,0.15A T1 3/4 SUB.MIN WEDGE	BW.70	93
73	14V,0.08A WEDGE BASE	BW.73	93
74	14V,0.10A T1 3/4 SUB.MIN.WEDGE	BW.74	93
77	13V,0.37A SC BAYONET	BW.77 (Delisted) *	60

GE Brand

81	6.5V,1.02A SC BAYONET	BW.81	60
82	6.5V,1.02A DC BAYONET	BW.82	-
85	28V,0.04A WEDGE BASE	BW.85	93
86	6.3V,0.20A WEDGE BASE	BW.86	93
87	6.8V,1.91A SC BAYONET BASE	BW.87	-
88	6.8V,1.91A DC BAYONET	BW.88	55
88-GE	6.8V,1.91A DC BAYONET	BW.88-GE *	55
90	13V,0.58A DC BAYONET	BW.90	53
93	12.8V,1.04A SC BAYONET	BW.93	63
94	12.8V,1.04A S8 DC BAYONET	BW.94	55
105	12.8V,1W S8 SC BAYONET BASE	BW.105	-
112	1.2V,0.22A LENS END MIN.SCREW	BW.112	39
120MB	120V, 0.025A (3W) SC BAYONET	BW.120MB	171
120MB-6	120V,.05A (6W) T2 1/2 MIN BAY	BW.120MB-6	-
120PC	120V,.025A T2 CARTRIDGE LAMP	BW.120PC	-
120PSB5	120V,0.025A SLIDE LAMP	BW.120PSB5	96
120RC	120V,.025A (3W)T2 E12 BASE	BW.120RC	-
123	1.25V,0.30A MINIATURE SCREW	BW.123	36
127	2.47V,0.275A T3 1/4 WEDGE BASE	BW.127	92
130	6.3V,0.15A MINIATURE BAYONET	BW.130	60
130MB	130V,0.025A T2 1/2 MIN.BAYONET	BW.130MB	71
147-GE	7V,0.43A T3 1/4 WEDGE BASE	BW.147-GE	92
157	5.8V,1.10A, MINIATURE SCREW	BW.157	35
159	6.3V,0.15A T3 1/4 WEDGE BASE	BW.159	92
163	14V,.065A, T2 MIDGET SCREW BASE	BW.163	38
168	14.0V,0.35A T3 1/4 WEDGE BASE	BW.168	92
192	13V,0.33A WEDGE BASE	BW.192	92
194	14V,0.27A WEDGE BASE	BW.194	92
199	12.8V,2.25A S8 SC BAYONET BASE	BW.199 *	63

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<u>Lamp Number</u>	<u>Description</u>	<u>Bulbworks Number</u>	<u>Fig.</u>
Miniature & Sealed Beam Coded Lamp Types - Continued From Previous Page			
MOST MINIATURE LAMPS ARE SOLD IN PACKS OF 10.			
209	6.5V,1.78A SC BAYONET	BW.209	-
210	6.5V,1.78A DC.BAYONET	BW.210	54
211-2	12.8V,0.97A DBL.END.WITH CAPS	BW.211-2	-
222	2.25V,0.25A LENS END (31-71-25) (78617)	BW.222	39
233	2.33V,0.27A G3 SHAPE E10 SCREW	BW.233 *	36
238	6.3V, 0.50A MINIATURE BAYONET	BW.238 *	70
243	2.33V,0.27A MINIATURE SCREW	BW.243	39
243-GE	2.33V,0.27A MINIATURE SCREW	BW.243-GE	39
245	2.46V,0.50A MINIATURE SCREW	BW.245	36
252	2.5V,0.35A SC MIDGET FLANGE	BW.252	79
253	2.5V,0.35A MIDGET GROOVE BASE	BW.253	73
259	6.3V,0.25A T3 1/4 WEDGE BASE	BW.259	92
261	2.5V,0.35A TL1 1/2	BW.261 *	73
306	28V,12.5W S8	BW.306	55
307	28V,.67A S8 SC BAYONET BASE	BW.307	-
311	28V,1.29A S11 SC BAYONET BASE	BW.311	62
316-GE	6V,0.70A T3 1/4 MINIATURE BAY	BW.316-GE *	70
327	28V,0.04A MIDGET FLANGE	BW.327	78
328	6V,0.20A, SC MIDGET FLANGE	BW.328	79
328-GE	6V,0.20A SC MIDGET FLANGE	BW.328-GE	79
330	14V,0.08A SC MIDGET FLANGE	BW.330	78
334	28V,0.04A T1 3/4 MIDGET GROOVE	BW.334	73
335	24V,1W MINIATURE SCREW	BW.335	38
336	14V,0.08A T1 3/4 MIDGET GROOVE	BW.336	73
342	6V,0.04A MIDGET SCREW	BW.342	38
345	6V,0.04A SC MIDGET FLANGE	BW.345	78
356	28V,4.7W MINIATURE BAYONET	BW.356	60
365	3.69V,0.50A G3 1/2 MINIATURE SCREW	BW.365	36
370	18V,0.04A T1 3/4 SUB.MIN.FLANGE	BW.370	78
373	14V,0.08A T1 3/4 MIDGET SCREW	BW.373	38
378	6.3V,.20A T1 3/4 MIDGET SCREW	BW.378	38
381	6.3V,0.20A SC MIDGET FLANGE	BW.381	78
382	14V,1W SC MIDGE FLANGE	BW.382	78
385	28V,0.04A SC MIDGET FLANGE	BW.385	78
386	14V,0.08A MIDGET GROOVE	BW.386	73
387	28V,0.04A MIDGET FLANGE	BW.387	78
387-GE	28V,0.04A GE BRAND	BW.387-GE	78
388	28V,0.04A MIDGET GROOVE	BW.388	73
398	6.3V,0.20A T1 3/4 MIDG.GROOVE	BW.398 *	73
399	28V,0.04A T1 3/4 MIDGET SCREW	BW.399	38
413	4.8V,0.3A G3 1/2 MIN.SCREW	BW.413	36
419	8V,0.6A MINIATURE SCREW	BW.419 (Delisted) *	35
426	8V,2W E10 SCREW	BW.426 (Delisted) *	35
502	5.1V,0.15A MINIATURE SCREW	BW.502	35
555	6.3V,0.25A T3 1/4 WEDGE BASE	BW.555	92
605	6.15V,0.50A MINIATURE SCREW	BW.605	35
655	28V,5.6W WEDGE BASE	BW.655	92
656	28V,0.06A T3 1/4 WEDGE BASE	BW.656	92
680	5V,0.06A T1 SUB.MINIATURE WIRE TERM.	BW.680	126
755	6.3V,0.15A T3 1/4 MINIATURE BAYONET	BW.755	70
757	28V,0.08A T3 1/4 MINIATURE BAYONET	BW.757	70
757-GE	28V,0.08A T3 1/4 MINIATURE BAYONET	BW.757-GE * (Delisted)	70

774	12V,0.67A T2 1/4 G4 BASE	BW.774 * (Delisted)	GE Brand	14
778	6V,20W G4 BASE (31-31-81-01)	BW.778 * (Delisted)		14
782	12V,20W T2 3/4 G4 BASE	BW.782 * (Delisted)		14
785	6V,6W T2 1/4 HALOGEN	BW.785 * (Delisted)	GE Brand	14
786	6V,12W T2 1/4 G4 BASE	BW.786 * (Delisted)		14
787	6V,10W T2 1/4 G4 BASE (31-31-77-01)	BW.787 * (Delisted)	GE Brand	14
788	6V,3.33A T2 1/4 G4 BASE	BW.788 * (Delisted)	GE Brand	14
789	12V,14W T2 1/4 G4 BASE	BW.789 * (Delisted)		14
790	14V,25W T2 1/4 G4 BASE	BW.790 * (Delisted)	GE Brand	14
804	6.5V,1.7A DC BAYONET	BW.804 *		55
872	8V,0.90A T4 1/2 MINIATURE BAYONET BASE	BW.872 (Delisted) *		70
901	12.8V,4.2W T5 WEDGE BASE	BW.901		91
906	13V,0.69A T5 MINIATURE WEDGE	BW.906		91
908	6V,1.5A T5 WEDGE BASE	BW.908		91
909	6V,0.62A WEDGE BASE	BW.909		91
912	12.8V,1.00A T5 WEDGE BASE	BW.912		91
914	4V,0.9A T5 WEDGE BASE	BW.914		91
915	12V,0.75A T5 WEDGE BASE	BW.915		91
916-99.93	24-30V,2W MINI BAY T2 1/2	BW.916-99.93 *		78
917	12V,1.20A T5 WEDGE BASE	BW.917		91
918	12V,7W T5 WEDGE BASE	BW.918		91
931-99	24V,80MA T2 3/4	BW.931-99 *		70
939	6V,.90A T5 WEDGE BASE	BW.939		91
947	9.84V,0.50A T3 1/4 MINI BAYONET	BW.947		70
949-99	130V,22MA T3 1/4 MINI BAYONET	BW.A949-99 (Delisted) *		70
1003	12.8V,0.94A SC BAYONET	BW.1003		-
1004	12.8V,0.94A DC BAYONET	BW.1004		54
1008	6V,4.5A G12 1/2 9 HOLE BASE	BW.1008		134
1073	12.8V,1.80A SC BAYONET	BW.1073		-
1074	12.8V,0.51A RP11 DC BAYONET	BW.1074 (Delisted)		59
1076	12.8V,1.8A S8 DC BAYONET BASE	BW.1076		

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<u>Lamp Number</u>	<u>Description</u>	<u>Bulbworks Number</u>	<u>Fig.</u>
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MOST MINIATURE LAMPS ARE SOLD IN PACKS OF 10.			
1096	6V,4.5A DC PREFOCUSED BASE	BW.1096 *	83
1129	6.4V,2.63A SC BAYONET	BW.1129	-
1130	6.4V,2.63A DC BAYONET	BW.1130	55
1133	6.2V,3.91A SC BAYONET	BW.1133	59
1134	6.2V,3.91A RP11 DC BAYONET	BW.1134	59
1141	12.8V,1.44A S8 SC BAYONET	BW.1141	-
1141-GE	12.8V,1.44A S8 SC BAYONET	BW.1141-GE *	GE Brand
1141-RED	12.8V,1.44A S8 SC BAYONET RED	BW.1141-RED	-
1142	12.8V,1.44A DC BAYONET	BW.1142	55
1143	12.5V,1.98A RP11 SC BAYONET	BW.1143	59
1152	12.8V,1.34A DC BAYONET	BW.1152	55
1154	6.4V, 2.63A S8 DC BAYONET	BW.1154	
1156	12.8V,2.10A SC BAYONET	BW.1156	-
1157	12.8/14.0V, 2.10/.59A S8 DC INDEX BASE	BW.1157	-
1158	6.4-7V 2.63-.75A S8 DC BAYONET	BW.1158	
1183	5.5V,6.25A RP11 SC BAYONET	BW.1183	-
1195	12.5V,3A RP11 SC BAYONET	BW.1195	-
1196	12.5V,3A RP11 DC BAYONET	BW.1196	39
1204	28V,0.71A DC BAYONET BASE	BW.1204	55
1209	6.1V,4.10A SC PREFOCUSED BASE	BW.1209 *	-
1251	28V,.23A G6 BA15S SC BAY BASE	BW.1251	
1252	28V,0.23A DC BAY BASE	BW.1252	53
12842 (Narva)	12V,3W SV7-8 BASE	BW.6428	99
12854 (Narva)	12V,10W TUBULAR FESTOON	BW.6461	99
12864 (Narva)	12V,5W TUB.FEST. 41MM X 11MM	BW.6413	99
12866 (Narva)	12V,10W TUB.FEST. 42MM X 11MM	BW.6411	99
1383	13V,1.5A R12 SC BAYONET BASE	BW.1383	-
1406	6V,0.04A G4 1/2 MIN. BAY	BW.1406 (Delisted) *	61
1446	12V,2.4W G3 1/2 E10 BASE	BW.1446	36
1458	20V,.25A (5W) BA9S G5 SHAPE CLEAR	BW.1458	
1459	4V,3.2W S8 SC BAYONET	BW.1459	-
1460	6.5V,2.75A PREFOCUSED FLANGE	BW.1460	Import Brand
1460-GE	6.5V,2.75A GE BRAND	BW.1460-GE (Delisted)	GE Brand
1460X	6.5V,2.75A PREF. BASE SILVER CONTACTS	BW.1460X	Import Brand
1460X-GE	6.5V,2.75A PREF. BASE SILVER CONTACTS	BW.1460X-GE * (Delisted)	GE Brand
1468	6V,4.5A DC PREFOCUSED BASE	BW.1468	Import Brand
1468X	6V,4.5A DC PREF. BASE SILVER CONTACTS	BW.1468X	
1477	24V,0.17A T3 MINIATURE SCREW	BW.1477	38
1480	18V,.17A T4 CANDELABRA SCREW BASE	BW.1480	38
1482	6V,0.45A G4 1/2 MINIATURE SCREW	BW.1482	35
1487	14V,0.20A MINIATURE SCREW	BW.1487	38
1489	6.5V,2.75A SC BAYONET	BW.1489 *	-
1493	6.5V,2.75A DC BAY (8B102)(700-034)	BW.1493	55
1493-GE	6.5V,2.75A DC BAY - GE BRAND	BW.1493-GE * (Delisted)	GE Brand
1497	6.5V,2.75A DC BAYONET	BW.1497	55
1503	5.9V,6.53A SC PREFOCUSED BASE	BW.1503	-
1507	12.5V,3.0A RP11 PREF.BASE	BW.1507 *	-
1521	6V,15W E14 EUROPEAN SCREW	BW.1521 *	25
1560	20V,1A S8 DC BAYONET	BW.1560 (Delisted) *	55

1561	6.3V,4A S11 SC PREF. BASE	BW.1561 *	83
1580X	28V,0.93A BA15S BASE	BW.1580X (Delisted) *	-
1594	6V,30W S8 DC BAYONET (918-088)	BW.1594	55
1613	6V,1.5A S8 SC BAYONET	BW.1613 (Delisted) *	-
1619	6.7V, 13.37W SC BAYONET	BW.1619	-
1630	6.5V,2.75A DC PREFOCUSED BASE	BW.1630	83
1630-GE	6.5V,2.75A GE BRAND	BW.1630-GE * (Delisted)	83
1631X	6.5V,2.75A DC PREF. SILVER CONTACTS	BW.1631X	83
1634	20V,1.0A (31-31-37)(050-540)	BW.1634	83
1634-GE	20V,1.0A GE BRAND	BW.1634-GE * (Delisted)	83
1638	28/28V, 1.02/1.02 S8 DUAL FIL. DC BAY	BW.1638	-
1649	6.5V,2.75A DC PREF. (31-31-42)	BW.1649	83
1649-GE	6.5V,2.75A DC PREF.GE BRAND	BW.1649 * GE (Delisted)	83
1680	6V,4.10A S8 SC BAYONET BASE	BW.1680 *	-
1680X	6V,4.10A SC BAYONET SILVER CONTACTS	BW.1680X	-
1724	6.2V,4.5A DC BAYONET (094-528)	BW.1724	63
1728	1.35V, 0.06A, T1 3/4 WIRE TERMINALS	BW.1728	126
1731	6.3V,6.6A S11 SC PREF.BASE	BW.1731	83
1759	6.1V,25W S11 SC PREF. BASE	BW.1759	-
1763	6.1V,4.10A SC PREFOCUSED	BW.1763	83
1767	2.5V,0.20A T1 1/2 ,ODGET SCREW	BW.1767	-
1768	6V,0.20A T1 3/4 MIDGET SCREW	BW.1768	38
1769	2.5V,.5W MIDGET SCREW	BW.1769	38
17125 (Narva)	12V,5W TUB.FEST.36MM X 11MM	BW.6418	99
17141 (Narva)	24V,0.17A T1 3/4 MINIATURE BAYONET	BW.17141	70
17171 (Narva)	12V,5W G6 SC BAYONET	BW.17171	-
17301 (Narva)	6V,10W SC BAYONET	BW.17301	-
17304 (Narva)	6V,10W TUBULAR FESTOON	BW.17304	99
17314 (Narva)	12V,10W TUB.FEST.42MM X 11MM	BW.6411	99
17503 (Narva)	6V,18W TUBULAR FESTOON	BW.NA17503 (Delisted) *	99
17833 (Narva)	12V,10W T2 1/2 MIN.BAY BASE	BW.64113 *	72
1815	14V,0.20A T3 1/4 MINIATURE BAY.	BW.1815	70
1816	13V,0.33A T3 1/4 MINIATURE BAY.	BW.1816	70
1818	24V,0.17A T3 1/4 MINIATURE BAY.	BW.1818	70

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MOST MINIATURE LAMPS ARE SOLD IN PACKS OF 10.			
1819	28V,0.04A MINIATURE BAYONET	BW.1819	70
1820	28V,0.10A T3 1/4 MIN.BAY	BW.1820	70
1821	28V,0.17A T3 1/4 MINI SCREW	BW.1821	70
1822	36V,.1A T3 1/4 MINIATURE BAYONET	BW.1822	70
1829	28V,0.70A T3 1/4 MINIATURE BAY.	BW.1829	70
1835	55V,0.05A MINIATURE BAYONET	BW.1835 *	70
1846	0.8V,0.033A T3 1/4 MINIATURE SCREW	BW.1846	38
1847	6.3V,0.15A MINIATURE BAYONET	BW.1847	70
1855	6.3V,0.80A MINIATURE BAYONET	BW.1855	70
1866	6.3V,0.25A T3 1/4 MIN. BAY	BW.1866	70
1874	3.7V,2.75A SC BAYONET	BW.1874 *	-
1884	5.5V,6.25A SC BAYONET	BW.1884 *	-
1886	6.3V,0.9A MINIATURE BAYONET	BW.1886	70
1891	14V,3.36W (0.24A) T3 1/4 BA9S	BW.1891	-
1893	14V,0.33A T3 1/4 MIN.BAYONET	BW.1893	70
1895	14V,.27A G4 1/2 MINIATURE BAYONET	BW.1895	61
1944	14V,3.57A T7 SC BAYONET	BW.1944 *	-
1974	6V,20W T3, WIRE TERMINAL	BW.1974 *	125
1990	12V,12W T3 1/4 WEDGE BASE - DELISTED	BW.ERB (Delisted) *	-
1994	14V,50W T3 1/4 WEDGE BASE	BW.ERF (Delisted) *	-
1999-ESG	28V,25W T3 1/4 WEDGE BASE	BW.1999.ESG (Delisted) *	-
2003 (OSRAM)	6V,6W HALOGEN G4 BI-PIN	BW.2003 (Delisted) *	-
2203	5V,0.115A SUBMINIATURE	BW.2203	126
2232	28V,0.643A S8 SC BAYONET	BW.2232	-
2233	28V,0.766A S8 SC BAYONET	BW.2233 *	-
2331	6V,4.5A RP11 DC PREF. BASE	BW.2331 *	-
2342	24-30V, 30MA T1 3/4 EUR. WEDGE	BW.2342	-
2396	12.8V,2.23A SC BAYONET	BW.2396 *	-
25318 (Jahn)	24V,5W BA15D BASE SIGNAL LAMP	BW.25318	-
2723	12V,2.2W EUROPEAN SMALL WEDGE	BW.2723	93
2821	12V,3W T3 WEDGE BASE	BW.2821 (Delisted) *	92
3150	5V,0.06A, SC MIDGET FLANGE BASE	BW.3150	78
3175	12V,10W SV8.5MM TUBULAR FESTOON	BW.3175	99
3456	24-30V,2W MINIATURE SCREW	BW.3456 *	38
3648	2.5V,.3A TL3 MIN.SCREW BASE LENS END	BW.3648	39
3797	24V,2W (.083A)T2 3/4 9MM SC BAYONET	BW.3797	70
3798	6V,0.1A T2 1/4 BA7S BASE	BW.3798	73
3799	6V,1.2W BA7S BASE	BW.3799	73
3892	6V,4W T3 1/4 MINIATURE BAYONET BASE	BW.3892	70
3894	12V,3W MINIATURE BAYONET	BW.3894	70
3895	6V,2W T2 3/4 MINIATURE BAYONET	BW.3895 *	70
3899	24V,3W T2 1/4 BA7S BASE	BW.3899	73
3967	24V,3W G3 1/2 MINIATURE SCREW	BW.3967	36
4505	28V,50W SEALED BEAM SCR.TERM	BW.4505	128
452420	24V,40MA 16MM X 4MM SLIDE	BW.452420	97
462420	24V,20MA 46MM X 22MM SLIDE	BW.462420	97

472822	28V,0.022A T1 1/2 SLIDE LAMP	BW.472822	97
5001	6V,10W SC BAYONET	BW.5001	60
5004	12V,3W G6 SC BAYONET BASE	BW.5004 *	60
5007	12V,5W B6 SHAPE SC BAYONET	BW.5007	-
5008	12V,10W B6 SC BAYONET	BW.5008	-
5021	6V,5W E10MM SCREW	BW.5021	34
551220	12V,20MA T2 TELEPHONE SLIDE	BW.551220	97
551250	12V,50MA SLIDE LAMP	BW.551250	97
5512100	12V,100MA SLIDE LAMP 55MM MOL	BW.5512100	97
55133 (Narva)	6V,20W PRECENTERED BASE	BW.688.00 *	135
55147 (Narva)	6V,25W PRECENTERED BASE	BW.105.859	135
55168 (Narva)	6V,30W PREF.SPECIAL BASE	BW.55168	135
552420	24V,20MA T5.5 TELEPHONE SLIDE	BW.552420	97
552450	24V,50MA SLIDE LAMP	BW.552450	97
55301 (Narva)	12V,100W T3 GY6.35 BASE	BW.FCR	7
553020	30V,20MA T5.5 TELEPHONE SLIDE	BW.553020	97
55307	12V,100W PREFOCUSED BASE	BW.105.908	136
57901	12V,50W G6.35 BASE	BW.57901	8
60PSB5	60V,3W T2 SLIDE LAMP	BW.60PSB5	96
6251	6V,5W SC BAYONET BASE	BW.6251	61
6253	12V,6W MIN.BAY.GLOBULAR CLEAR	BW.6253	61
6411	12V,10W TUB.FEST.11X42MM	BW.6411	99
6413	12V,5W TUBULAR FESTOON	BW.6413	99
6416	6V,5W TUB FEST 36MM MOL	BW.6416	99
6418	12V,5W 36MMX11MM TUB FEST	BW.6418	99
6423-OSRAM	24V,5W 35MM TUBULAR FESTOON	BW.6423-OS	99
6424	24V,5W 41MM X 10.5MM TUB.FEST.	BW.6424	99
6428	12V,3W SV7-8 BASE TYPE	BW.6428	99
6451	12V,15W 41X15.5MM TUBULAR FESTOON	BW.6451	99
6453	24V,15W SV8.5 TUBULAR FESTOON	BW.6453	99
6461	12V,10W SV8.5 TUBULAR FESTOON	BW.6461	99
7154AS15	5V,115MA AXIAL WIRE FILAMENT	BW.7154AS15	-
7155AS15	5V,115MA AXIAL WIRE FILAMENT	BW.7155AS15	-
7251	5V,4A PX28S BASE	BW.7251 (Delisted) *	-
7327	28V,40MA	BW.7327	94
7330	14V,0.08A T1 3/4 BI-PIN	BW.7330	94
7333	5V,.06A T1 3/4 SC MIDGET FLANGE	BW.7333	78

Miniature & Sealed Beam Coded Lamp Types Are Continued On The Next Page!

Lamp Cross Reference Guide (For Pricing, See Separate Pricing Sheet)

<u>Lamp Number</u>	<u>Description</u>	<u>Bulbworks Number</u>	<u>Fig.</u>
Miniature & Sealed Beam Coded Lamp Types - Continued From Previous Page			
MOST MINIATURE LAMPS ARE SOLD IN PACKS OF 10.			
7349	6.3V,0.20A T1 3/4 BI-PIN	BW.7349	94
7354	12V,0.75A T1 3/4 MIDGET GROOVE	BW.7354	73
7361	5V,0.06A T1 3/4 BI-PIN	BW.7361	94
7362	5V,.115A BI PIN BASE	BW.7362	94
7376	28V,0.065A T1 3/4 BI-PIN	BW.7376	94
7381	6.3V,0.20A T1 3/4 BI-PIN	BW.7381	94
7382	14V,0.08A T1 3/4 BI-PIN	BW.7382	94
7387	28V,.04A T1 3/4 BI-PIN	BW.7387	94
7387-Philips	6V,10W T3 G4 BASE	BW.ESA	10
7388-Philips	6V,20W T3 G4 BASE	BW.ESB	10
7511	24V,21W S8 SC BAYONET BASE	BW.7511	-
7523	6V,15W G8 SC BAYONET BASE	BW.11530	-
7577	6V,25W SC BAYONET	BW.7577 (Delisted) *	-
7628	6V,0.20A T1 1/4 BI PIN	BW.7628	94
7632	28V,0.04A T1 1/4 BI-PIN	BW.7632	94
7669	24V,45W RP11 SC BAYONET	BW.7669 *	59
7683	5V,0.06A T1 BI-PIN	BW.7683	94
7839	28V,24MA T1 MINIATURE BI-PIN	BW.7839	94
8001	6V,4.35A E14 BASE	BW.8001 *	28
8013	6V,10W DC BAYONET BASE	BW.8013 *	55
8017	6V,15W DC BAYONET BASE	BW.8017 *	50
8017-OSRAM	6V,15W DC BAYONET BASE	BW.8017-OSRAM	50
8018	6V,15W T6 DC BAYONET BASE	BW.8018	50
8018-OSRAM	6V,15W T6 DC BAYONET BASE CLEAR	BW.8018-OSR	50
8022	12V,50W S11 BA20D BASE	BW.8022	75
8024	12V,40W BA20D BASE	BW.8024	75
8025	6V,30W BA20D BASE	BW.8025-OSR	75
8025 WITH WINDOW	6V,30W BA20D BASE SILVERED	BW.8025BL *	76
8029	15V,60W BA20D BASE	BW.8029 *	75
8097	12V,60MA T1 BI-PIN	BW.8097 *	94
8100	6V,30W E14 SCREW BASE	BW.8100	28
8100-OSRAM	6V,30W E14 SCREW BASE	BW.8100-OSR	28
8177	24V,0.05A T1 3/4 MID.GROOVE	BW.8177	73
8203	25V,1A T6 SC BAYONET	BW.8203 *	-
8362	14V,.08A T1 3/4 MIDGET SCREW	BW.8362	38
8628	6V,0.20A T1 1/4 MINI FLANGE	BW.8628	78
8640	14V,0.08A WITH WIRE LEADS	BW.8640	126
8655	2.5V,0.40A T1 1/4 WIRE TERM.	BW.8655	126
8656	2.5V,0.40A MIDGET FLANGE	BW.8656 *	78
8711	2.5V,0.32A T1 WIRE TERMINAL	BW.8711	126
A-931-99 (ALBA)	24V,80MA T2 3/4	BW.931-99 *	70
B2A	105-120V,0.0012A	BW.B2A	70
B7A	105-125V,.25W T4 1/2 CANDELABRA BASE	BW.B7A *	-

CM7426	5V,.22A TL1 3/4 BI-PIN	BW.CM7426 (Delisted)	-
CM8-3995	130V,2.6W T3 1/4 MIN BAYONET	BW.CM8-3995	70
CM8-A231	24V,2W T3 1/4 MINIATURE BAYONET	BW.CM8-A231	70
CM8-A232	12V,2.5W T6 DC BAYONET	BW.CM8-A232	50
CM8-A233	24V,2.6W T6 DC BAYONET	BW.CM8A233	50
CM8-A234	24V,6.5W T6 DC BAYONET	BW.CM8A234	50
CM8-A237	120V,7W T6 DC BAYONET	BW.CM8A237	50
DF841002	6V,1.4A SC BAYONET	BW.DF841002	63
DF842008	12V,35W RP11 DC BAYONET	BW.DF842008	59
DF936015	24V,40W G14 DC BAYONET BASE	BW.018550	77
DF945042	24V,50W DC BAYONET BASE	BW.DF945042	55
E5327	24V,15W E14 EUROPEAN SCREW	BW.E5327 *	-
E5432	125-130V,15W (BFM) E14 EUROPEAN SCREW	BW.15PCL.E14	27
H4515	6.4V,30W PAR36 HALSEALED BEAM	BW.H4515	128
H7606	12V,50W PAR36 SCREW TERMINAL	BW.H7606	128
H7635	12.8V,50W PAR46 SCREW TERMINAL	BW.H7635	128
HPR40	6V,0.67A T3 SC MINIATURE FLANGE	BW.HPR40	66
HPR50	5.2V,0.85A SC MINIATURE FLANGE	BW.HPR50	66
HPR52	2.8V,0.85A T3 MINIATURE FLANGE	BW.HPR52	66
HPR53	4V,3.4W, T3 SC MINIATURE FLANGE	BW.HPR53	66
HPR53-PHILIP	4V,3.4W T3 SC MINIATURE FLANGE	BW.HPR53-PHILIP * Philips Brand	66
JA25318 (Jahn)	24V,5W DC BAYONET BASE	BW.25318	53
KPR102	2.4V,0.7A KRYPTON	BW.KPR102	65
KPR103	3.6V, 0.75 AMPS KRYPTON	BW.KPR103	65
KPR104	2.2V,.47A B3.5 SC MINIATURE FLANGE BASE	BW.KPR104	65
KPR113	4.8V,0.70A B3 1/2 SC MIN.FLANG	BW.KPR113	65
NE45	105-125V,.25W T4 1/2 CANDELABRA BASE	BW.B7A *	39
NE 51	105-125V, 1/25THW T3 1/4 NEON	BW.NE51 *	70
OL-1089	12V,0.06A T1 WIRE TERMINAL	BW.OL-1089	126
OL-6003BP	15V,.037A T1 3/4 BI-PIN	BW.OL-6003BP (Delisted) *	94
OL-6201	60V,.02A T1 3/4 MIDGET GROOVE	BW.OL-6201	73
OL-6839BPE	28V,0.024A BI-PIN	BW.OL-6839BPE	94
OL8552AS15	28V,.02A T1 WIRE TERMINALS	BW.OL8552AS15	128
PR2	2.38V,0.50A SC MINIATURE FLANGE	BW.PR2	65
PR6	2.7V,.74W FLASHLIGHT BULB	BW.PR6	65
PR7	3.7V,0.30A SC MIDGET FLANGE	BW.PR7	65
PR12	5.95V,.5A B3 1/2 SC MINIATURE FLANGE	BW.PR12	65
PR13	4.75V,0.50A B3 1/2 SC MIN FLANGE	BW.PR13	65
SR6V-MB	6V,1.58W T1 1/4 MINIATURE BAYONET	BW.SR6V-MB	70
SR6V-MS	6V,0.25A MINIATURE SCREW TUBULAR SHAPE	BW.SR6V-MS	38

Miniature & Sealed Beam Coded Lamp Types Are Continued On The Next Page!

Lamp Cross Reference Guide (For Pricing, See Separate Pricing Sheet)

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Miniature & Sealed Beam Coded Lamp Types - Continued From Previous Page			
MOST MINIATURE LAMPS ARE SOLD IN PACKS OF 10.			
SR8V-MS	8V,2.4W (.3A) T3 1/4 E10 SCREW	BW.SR8V-MS	38
SR12V-MB	12V,2W BA9S BASE	BW.SR12V-MB	70
SR12V-MS	12V,3W (.250A) T3 1/4 MINI SCREW BASE	BW.SR12V-MS	38
SR12V-8W	12V,8W T3 1/4 MINIATURE SCREW	BW.SR12V-8W *	38
SR12V-8WMS	12V,8W MINIATURE SCREW BASE	BW.SR12V-8WMS *	38
SR18V-C	18V,2W T4 CANDELABRA BASE	BW.SR18V-C	38
SR18V-MB	18V,2W MINIATURE BAYONET	BW.SR18V-MB	-
SR18V-MS	18V,2W MINIATURE SCREW	BW.SR18V-MS *	38
SR24V-C	24V,2W T4 CANDELABRA BASE	BW.SR24V-C	38
SR24V-MB	24V,2.4W T3 1/4 MINIATURE BAYONET	BW.SR24V-MB	70
SR24V-MS	24V,2.4W MINIATURE SCREW	BW.SR24V-MS	38
SR28V-MS	28V,2.8W T3 1/4 E10 SCREW	BW.SR28V-MS	38
SR30V-MB	30V,2W T3 1/4 MINIATURE BAYONET BASE	BW.SR30V-MB	70
SR30V-MS	30V,2.6W T3 1/4 MINIATURE SCREW	BW.SR30V-MS	38
SR120V-MB	120V,2.6W(3W) T3 1/4 MINIATURE BAYONET	BW.SR120V-MB	70
SR120V-MS	120V,3W T3 1/4 E10 MIN.SCREW	BW.SR120V-MS	38
SR130V-MB	130V,20MA T3 1/4 MINIATURE BAYONET	BW.SR130V-MB	70
SR130V-MS	130V,3W T3 1/4 MINIATURE SCREW	BW.SR130V-MS	38
SR140V10WE14	140V,10W T5 E14 SCREW BASE	BW.SR140V10WE14	-
TA1654	110-130V,3-5W E14 EUROPEAN SCREW	BW.TA1654 *	-
TSL712300006	6V,100MA T2 SPECIAL BA7S BASE	BW.TSL712300006 *	73

Many Other Miniature & Sealed Beam Coded Lamp Types In Stock. Please Call or Visit www.bulbworks.com

Accuscope Lamp Types

BR3255	6V,3A (18W) DC BAYONET	BW.BR3255 (Delisted) *	51
BR3256	6V,20W T3 1/2 G4 BASE	BW.ESB	10
BR3256	6V,20W T3 G4 BASE	BW.ESB-OSR	10

Many Other Accuscope Lamp Types In Stock. Please Call or Visit www.bulbworks.com

Fluorescent Lamps - Fluorescent Lamp Prices Are Subject To Change

92ADL	8W RING FLUOR. 92MM DIAM. 4 PINS IN ROW	BW.92ADL	-
CF5DS/827	5W 2700 DEG.K.COMP. FLUORESCENT	BW.CF5DS.827	143
CF5DS/841	5W 4100 DEG.K.COMP.FLUORESCENT	BW.CF5DS.841	143
CF5S/841	5W 4100 DEG.K.COMP.FLUORESCENT	BW.CF5S.841	143
CF5S/865	5W 6500 DEG.COMP.FLUORESCENT	BW.CF5S.865	143
CF7DS/827	7W 2700 DEG.K.COMP.FLUORESCENT	BW.CF7DS.827	143
CF7DS/841	7W 4100 DEG.K.COMP.FLUORESCENT	BW.CF7DS.841	143
CF7S/841	7W COMPACT FLUOR. 4100 DEG.K.	BW.CF7S.841	143
CF9DS/827	9W 2700 DEG.K.COMP.FLUORESCENT	BW.CF9DS.827	143
CF9DS/835	9W 3500 DEG.K.COMP.FLUORESCENT	BW.CF9DS.835	143

CF9DS/841	9W 4100 DEG.K.COMP.FLUORESCENT	BW.CF9DS.841	143
CF9DS/850	9W 5000 DEG.K. COMP.FLUORESCENT	BW.CF9DS.850	143
CF9DS/865	9W 6500 DEG.K. COMP. FLUORESCENT	BW.CF9DS.865	143
CF9DS/E/841	9W 4100 DEG.K.COMP.FLUORESCENT ELEC.	BW.CF9DS.E.841	-
CF13DD/827	13W 2700 DEG K. DOUBLE TUBE	BW.CF13DD.827	145
CF13DD/835	13W 3500 DEG.K. DOUBLE TUBE	BW.CF13DD.835	145
CF13DD/841	13W 4100 DEG.K. DOUBLE TUBE	BW.CF13DD.841	145
CF13D/E/835	13W 3500 DEG.K.ELEC.4 PIN	BW.CF13D.E.835	-
CF13D/E/841	13W 4100 DEG.K.ELEC.4 PIN	BW.CF13D.E.841 *	-
CF13DS/827	13W 2700 DEG K .SINGLE.TUBE	BW.CF13DS.827	143
CF13DS/835	13W 3500 DEG.K.SINGLE TUBE	BW.CF13DS.835	143
CF13DS/841	13W 4100 DEG K.SINGLE TUBE	BW.CF13DS.841	144
CF13DS/850	13W 5000 DEG.K.SINGLE TUBE	BW.CF13DS.850	144
CF18DD/835	18W TWIN TUBE COMP.FLUORESCENT	BW.CF18DD.835	145
CF18D/E/835	18W 3500 DEG.K.ELEC.4 PIN	BW.CF18D.E.835	-
CF18D/E/841	18W 4100 DEG.K.ELEC.4 PIN	BW.CF18D.E.841	-
DS9W/78	9W UV COMPACT FLUORESCENT	BW.DS9W.78	143
F4T5/BL	4W BLACK LIGHT	BW.F4T5BL	148
F4T5/BLB	4W BLACK LIGHT BLUE	BW.F4T5.BLB	-
F4T5/CW	4W COOL WHITE (500-603)	BW.F4T5.CW	148
F4T5/D	4W DAYLIGHT FLUORESCENT	BW.F4T5.D	148
F5TT/27K	5W 2700 DEG.K.COMP.FLUORESCENT	BW.CF5DS.827	148
F5TT/41K	5W 4100 DEG.K.COMP.FLUORESCENT	BW.CF5DS.841	143
F6T5/BL	6W BLACK LIGHT FLUORESCENT	BW.F6T5.BL	148
F6T5/BLB	6W BLACK LIGHT BLUE FLUORESCENT	BW.F6T5.BLB	-
F6T5/CW	6W COOL WHITE FLUORESCENT	BW.F6T5.CW	148
F6T5/D	6W DAYLIGHT FLUORESCENT	BW.F6T5.D	148
F7TT/41K	7W 4100 DEG.K.COMP.FLUORESCENT	BW.CF7DS.841	143
F8T5/BL	8W BLACK LIGHT FLUORESCENT	BW.F8T5.BL	148
F8T5/BLB	8W BLACK LIGHT BLUE FLUORESCENT	BW.F8T5.BLB	-
F8T5/CW	8W COOL WHITE FLUORESCENT	BW.F8T5.CW	148
F8T5/D	8W DAYLIGHT FLUORESCENT	BW.F8T5.D	148
F8T5/WW	8W WARM WHITE FLUORESCENT	BW.F8T5.WW	148
F10T4.CW	10W COOL WHITE FLUORESCENT	BW.F10T4.CW	148
F10T8/CW (FL10W)	10W COOL WHITE FLUORESCENT	BW.F10T8.CW	148
F10T8/D	10W DAYLIGHT FLUORESCENT	BW.F10T8.D	148
F13DTT/D841	13W 4100 DEG.K.DOUBLE TUBE	BW.CF13DD.841	145
F13T5/CW	13W COOL WHITE FLUORESCENT	BW.F13T5.CW	148
F13T5/D	13W DAYLIGHT FLUORESCENT	BW.F13T5.D	148
F13T5/WW	13W WARM WHITE FLUORESCENT	BW.F13T5.WW	148
F13T8/CW	13W CW FLUORESCENT 1" DIAMETER	BW.F13T8.CW	148
F14T8/CW	14W COOL WHITE FLUORESCENT	BW.F14T8.CW	148
F14T8/D	14W DAYLIGHT FLUORESCENT	BW.F14T8.D	148

Fluorescent Lamps Continued on the Next Page

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<u>Lamp Number</u>	<u>Description</u>	<u>Bulbworks Number</u>	<u>Fig.</u>
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F14T12/CW	14W COOL WHITE FLUORESCENT	BW.F14T12.CW	148
F14T12/D	14W DAYLIGHT FLUORESCENT	BW.F14T12.D	148
F15T8/BL	15W BLACK LIGHT 1" DIAMETER	BW.F15T8.BL	148
F15T8/BLB	15W BLACK LIGHT BLUE	BW.F15T8.BLB	-
F15T8/C50	15W 5000 DEG.K.FLUORESCENT	BW.F15T8.DSGN50	148
F15T8/CW	15W COOL WHITE FLUORESCENT	BW.F15T8.CW	148
F15T8/D	15W DAYLIGHT FLUORESCENT	BW.F15T8.D	148
F15T8/DSGN50	15W COLOR CORRECTED 18"	BW.F15T8.DSGN50	148
F15T8/R	15W RED FLUORESCENT	BW.F15T8.R	-
F15T8/WW	15W WARM WHITE FLUORESCENT	BW.F15T8.WW	148
F15T8/50U	15W COLOR CORRECTED	BW.F15T8.DSGN50	148
F15T12/BL	15W BLACK LIGHT 1 1/2" DIAMETER	BW.F15T12BL	148
F15T12/CW	15W COOL WHITE FLUORESCENT	BW.F15T12.CW	148
F15T12/D	15W DAYLIGHT FLUORESCENT	BW.F15T12.D	148
F20T10/CW	20W COOL WHITE FLOURESCENT	BW.F20T10.CW	148
F20T12/BB	20W BILLIRUBIN BLUE FLUORESCENT	BW.F20T12.BB	148
F20T12/BL	20W BLACK LIGHT FLUORESCENT	BW.F20T12.BL	148
F20T12/BLB	20W BLACK LIGHT BLUE FLUORESCENT	BW.F20T12.BLB	-
F20T12CW	20W COOL WHITE FLUORESCENT	BW.F20T12.CW	148
F20T12/D	20W DAYLIGHT FLUORESCENT	BW.F20T12.D	148
F20T12/RED	20W RED FLUORESCENT	BW.F20T12.R	-
F24T12/CW/HO	35W COOL WHITE HIGH OUTPUT	BW.F24T12.CW.HO *	148
F25T12/CW	25W COOL WHITE FLUORESCENT	BW.F25T12.CW *	148
F26DBXT4SPX2	26W FLUORESCENT	BW.F26DBXT4SPX2	145
F30T8/CW	30W T8 COOL WHITE FLUOR.36" LONG	BW.F30T8.CW	148
F30T12/730	30W T12 3000 DEG.K.FLUOR.36" LONG	BW.F30T12.730 *	148
F30T12/735	30W T12 3500 DEG.K.FLUOR.36" LONG	BW.F30T12.735 *	148
F30T12/741	30W T12 COOL WHITE FLUOR.36" LONG	BW.F30T12.CW	148
F30T12/CW	30W T12 COOL WHITE FLUOR.36" LONG	BW.F30T12.CW	148
FC6T9/CW	20W RING FLUORESCENT COOL WHITE	BW.FC6T9CW	142
FC8T9/350BL	22W BLACK LIGHT RING FLUORESCENT	BW.FC8T9.350BL	142
FC8T9/BLB	22W BLACK LIGHT BLUE RING FLUOR.	BW.FC8T9.BLB	-
FC8T9/CW	22W COOL WHITE RING FLUOR.	BW.FC8T9.CW	142
FC8T9/D	22W RING FLUORESCENT DAYLIGHT	BW.FC8T9.D	142
FC8T9/WW	22W WARM WHITE RING FLUOR.	BW.FC8T9.WW	142
FC12T9/CW	32W COOL WHITE T9 4 PIN RING FLUOR.	BW.FC12T9CW	142
FC12T9/D	32W DAYLIGHT T9 4 PIN RING	BW.FC12T9.D	142
FC74T4/120	RING FLUOR. T4 72MM DIAM. VIEW WHITE	BW.FC72T4.120	-
FC72T5/VW/285	RING FLUOR. T5 72MM DIAM.VIEW WHITE	BW.FC72T5VW-285	-

FCB74/LD	RING FLUOR.74MM DIAM.DAYLIGHT	BW.FCB74LD *	141
FCB74L/WW	RING FLUOR.74MM DIAM.WARM WHITE	BW.FCB74LWW	141
FCB80A	RING FLUOR. 80MM DIAM. DAYLIGHT	BW.FCB80A	-
FCB80D	RING FLUOR.80MM DIAM. DAYLIGHT	BW.FCB80D	141
FCB92D	RING FLUOR.92MM DIAMETER DAYLIGHT	BW.FCB92D	141
FCB92WW	RING FLUOR.92MM DIAM.WARM WHITE	BW.FCB92WW *	141
FL10D	10W DAYLIGHT FLUORESCENT	BW.F10T8.D	148
FL10W	10W COOL WHITE FLUORESCENT	BW.F10T8.CW	148
FL20SD	20W T10 DAYLIGHT FLUORESCENT	BW.FL20SD	148
FL20SSW18	20W T8 23 1/8TH" LONG	BW.F20T10.CW	148
FL20SW	20W COOLWHITE FLUORESCENT	BW.FL20SW	148
FL30SW/307	30W FLOURESCENT	BW.FL30SW.307	148
FL100	RING T5 80MM DIAM.6500 DEG.4 PINS	BW.FL150 (FL100 Delisted) *	138
FL150	RING T5 80MM DIAM.5500 DEG.4 PINS	BW.FL150 *	138
FUL12/CW	12W COMPACT FLUORES.4 PIN BASE	BW.FUL12.CW	-
FUL15T6/BL	15W U-BEND BLACK LIGHT	BW.FUL15T6.BL	-
FUL18CW	18W COOL WHITE RING FLUOR.	BW.FUL18.CW	-
FUL18T6/WW	18W RING FLUOR.WARM WHITE	BW.FUL18T6WW	-
FUL25BL	25W U-BEND BLACK LIGHT	BW.FUL25.BL	-
FUL40T8/BL	40W U-BEND BLACK LIGHT G10Q BASE	BW.FUL40T8.BL	-
L18W/25	18W FLUORESCENT	BW.L18W-25	148
L18W/21/840	18W T5 2G11 BASE FLUORESCENT	BW.L18W.21.840 *	148
L20W/20SA	20W T12 MED.BI-PIN EXT.IGNITION STRIP	BW.L20W20SA *	148
L36W/21/840	36W COMPACT FLUOR.4000 DEG.K.	BW.L36W.21.840 *	148
PLL18W/41	18W 4100 DEG.K COMP.FLUORESCENT	BW.PLL18W.41	-
PLL24W/41	26W 4100 DEG.K. COMP.FLUORESCENT	BW.PLL24W41	-
PLS9W/27	9W 2700 DEG.K. COMP.FLUORES.	BW.PLS9W.27 *	143
PLS9W/850	9W 5000 DEG.K. COMP.FLUORES.	BW.CF9DS.850	143
PLS11W840/2P	11W COMPACT FLUORESCENT 2 PIN BASE	BW.PLS11W840.2P	-
PLS11W840/4P	11 WATT COMP.FLUOR.4 PIN BASE	BW.PLS11W840.4P	-
PLS13W/27	13W COMPACT FLUORES.2700 DEG.K.	BW.PLS13W.27	143
PLS13W/35	13W COMPACT FLUORES.3500 DEG.K.	BW.PLS13W.35	143
PLS13W/41	13W COMPACT FLUORES.4100 DEG.K.	BW.PLS13W.41	143
PLS13W/50	13W COMPACT FLUORES.5000 DEG.K.	BW.PLS13W.50 *	143
TL4W/33	4W T8 BI-PIN FLUORESCENT	BW.F4T5.CW	148
TL6W/33	6W COOL WHITE FLUORESCENT	BW.F6T5.CW	148
TL8W/33	8W COOL WHITE FLUORESCENT	BW.F8T5.CW	148
TL20W/03	20W ACTINIC FLUORESCENT	BW.TL20W.03	148
TLD15W/33	15W COOL WHITE FLUORESCENT	BW.F15T8.CW	148
TLD18W/54	18W T8 6200 DEGREES K	BW.TLD18W.54	148
T-QBTL	BLACKLIGHT RING FOR TECHNIQUIP	BW.TQ-BTL *	-
TQ-WTL	TECHNIQUIP RINGLIGHT 5600 DEG.K.	BW.TQ-WTL	-

Many Other Fluorescent Lamp Types In Stock. Please Call or Visit www.bulbworks.com

Lamp Cross Reference Guide (For Pricing, See Separate Pricing Sheet)

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<u>Lamp Number</u>	<u>Description</u>	<u>Bulbworks Number</u>	<u>Fig.</u>
Germicidal Lamp Types			
G4T5	4W GERMICIDAL LAMP	BW.G4T5	149
G6T5	6W GERMICIDAL LAMP	BW.G6T5	149
G8T5	8W GERMICIDAL LAMP	BW.G8T5	149
G8T5E	8W UVB MIDRANGE GERMICIDAL LAMP	BW.G8T5E	149
G10T54SPE	10W T5 GERMICIDAL LAMP	BW.G10T5.4PSE	-
G10T8	10W T8 GERMICIDAL LAMP	BW.G10T8	149
G11T5	11W T5 GERMICIDAL LAMP	BW.G11T5	149
G14T5L/4P	14W T5 GERMICIDAL LAMP 4 PIN BASE	BW.G14T5L.4P	-
G14T5SP	14W T5 GERMICIDAL LAMP	BW.G14T5.SP	-
G15T8	15W 18" LONG GERMICIDAL LAMP	BW.G15T8	149
G15T8E	15W UVB MIDRANGE GERMICIDAL LAMP	BW.G15T8E	149
G16T5	16W T5 GERMICIDAL LAMP	BW.G16T5	149
G20T5G5	20W T5 GERMICIDAL LAMP	BW.G20T5.G5	149
G20T10	20W GERMICIDAL LAMP	BW.G20T10	149
G25T8	25W GERMICIDAL LAMP	BW.G25T8	149
G30T8	30W GERMICIDAL LAMP	BW.G30T8	149
Call For Lamps Over 36" Long Not Shown Here.			
G36T5	36W GERMICIDAL LAMP	BW.G36T5L	-
G36T5G5	39W 2 PINS DBL. ENDED GERMICIDAL LAMP	BW.G36T5.G5	149
G36T54PSE	39W 4 PIN SINGLE ENDED GERMICIDAL LAMP	BW.G36T5.4PSE	-
G36T5VH	39W SINGLE PIN DBL. ENDED GERMICIDAL	BW.G36T5VH	-
G36T6L	39W GERMICIDAL LAMP	BW.G36T5L	-
G36T6VH	39W SINGLE PIN DBL. ENDED GERMICIDAL LAMP	BW.G36T6VH	-
G40T10	40W T10 GERMICIDAL LAMP	BW.G40T10	149
G48T6L	55W T6 DOUBLE ENDED GERMICIDAL LAMP	BW.G48T6L	149
G55T8	55W T8 DOUBLE ENDED GERMICIDAL LAMP	BW.G55T8	149
G64T5L	65W,425MA GERMICIDAL LAMP	BW.G64T5L	-
G64T6	65W,425MA GERMICIDAL LAMP	BW.G64T5L	-
G64T54PSE	65W 4 PIN SINGLE ENDED GERMICIDAL LAMP	BW.G64T5.4PSE	-
GCF7DSG23	7W COMPACT FLUOR. GERMICIDAL LAMP	BW.GCF7DS.G23	-
GCF9DSG23	9W COMPACT FLUOR. GERMICIDAL LAMP	BW.GCF9DS.G23	-
GCF11DSG23	11W COMPACT FLUOR. GERMICIDAL LAMP	BW.GCF11DS.G23	-
GFT18DL2G11	18W COMPACT FLUOR. GERMICIDAL LAMP	BW.GFT18DL.2G11	-
GFT24DL2G11	24W COMPACT FLUOR. GERMICIDAL LAMP	BW.GFT24DL.2G11	-
GFT36DL2G11	36W COMPACT FLUOR. GERMICIDAL LAMP	BW.GFT36DL.2G11	-
GPH212T5L	32V,10W T5 GERMICIDAL LAMP	BW.GPH212T5L	-

GPH357T5L-4P	17W T5 GERMICIDAL SHORTWAVE UV	BW.GPH357T5L-4P	-
GPH436T5VHS4	436MM LONG SINGL.ENDED 4 PIN	BW.GPH436T5VHS4	-
GPH450T5L-4	425MA 21W PREHEAT GERMICIDAL	BW.GPH450T5L-4 *	-
PLL36TUV	36W GERMICIDAL UV LAMP	BW.PLL36TUV *	-
PLL60WTUV	60W GERMICIDAL UV LAMP	BW.PLL60WTUV	-
PLS9W-TUV	9W COMPACT FLUOR. GERMICIDAL UV LAMP	BW.PLS9W-TUV	-
TL20W.12RS	20W T12 UVB G13 BASE	BW.TL20W.12RS	148
TUV36	36W GERMICIDAL UVC LAMP	BW.TUV36	149

Many Other Germicidal Lamp Types In Stock. - Call For Lamps Over 36" Long. - Please Call or Visit www.bulbworks.com

American Optical Lamp Types

11143	6V,20W T3 1/2 G4 BASE	BW.ESB	10	
11143	6V,20W T3 1/2 G4 BASE	BW.ESB-OSR	10	
1121	6V,20W G4 BASE (31-31-81-01)	BW.778 GE Brand * (Delisted)	14	
11211	120V,15W S11 FROSTED INTRMD. BASE	BW.15S11.87FR	-	
1120	6V,3.33A T2 ¼ G4 BASE	BW.788 * (Delisted)	14	
11807	6V,4.5A DC PREFOCUSED BASE	BW.1096 *	83	
11063	6.5V,2.75A DC PREFOCUSED BASE	BW.1460	83	
1460X	6.5V,2.75A DC PREFOCUSED BASE	BW.1460X	83	
11581	6V,4.5A DC BAYONET BASE	BW.1468	83	
11231	6.5V,2.75A S8 DC BAYONET BASE	BW.1493	55	
12419	6V,.20A T1 ¼ MIDGET FLANGE	BW.328	78	
12603	120V,15W CLEAR INTERMED.BASE	BW.15S11.87 CL *	29	
2052	12V,100W T3 GY6.35 BASE	BW.FCR	7	
2052	12V,100W OSRAM BRAND (64625)	BW.FCR-OSR	Osram Brand	7
2052	12V,100W GY6.35 CERAMIC SEAL	BW.FDX	19	
2055	50W MERCURY 39-45V AC	BW.HBO50W.L1	150	
2055	AC34-39V,50W	BW.HBO50W.L2	150	
25S11.2C	120V,25W S11 CANDELABRA BASE CLEAR	BW.25S11.2C	30	
370	120V,100W G16.5 SC BAY	BW.100G16.5-29S (Delisted) *	-	
386	120V,25W S11 CANDELABRA BASE FROSTED	BW.25S11.5C	31	
611	120V,15W D11 CLEAR IMPORT BRAND	BW.15S11.102CL	Import Brand	23
621	120V,15W T7 INTERMED.BASE	BW.15T7N	25	
624	6V,10W T3 G4 BASE	BW.ESA	10	
624	6V,10W (64225) G4 BASE	BW.ESA-OSR	Osram Brand	10
626	120V,15W S11 CLEAR CANDELABRA BASE	BW.15S11.13	30	
626	115-120V,15W CANDELABRA BASE	BW.15S11.14	30	
649	200W MERC.3 ELECTRODES	BW.HBO200W.L1 (Delisted)	152	

Many Other American Optical Lamp Types In Stock. Please Call or Visit www.bulbworks.com

Bristoline Lamp Types

3000-1	6V,15-18W DC BAY BASE	BW.76907	53
BR3255	6V,3A (18W) DC BAYONET	BW.BR3255 (Delisted) *	51
BR3260	120V,20W S11 MEDIUM BASE CLEAR	BW.20S11	23
BR3260-30	120V,30W S11 MED. SCREW BASE	BW.30S11	23
BR3262	120V,30W DC BAYONET WITH DOT REFLECT.	BW.31-74-28	57
BR3265	6V,30W DC BAYONET BASE	BW.77904	46
BR3276	120V,20W T6 DC BAYONET BASE	BW.20T6DC-120V *	46
BR3366	4-6V,1.2A SC BAYONET BASE VERT.FIL.	BW.OP2101U	61

Many Other Bristoline Lamp Types Available. Please Call or Visit www.bulbworks.com

Lamp Cross Reference Guide (For Pricing, See Separate Pricing Sheet)

<u>Lamp Number</u>	<u>Description</u>	<u>Bulbworks Number</u>	<u>Fig.</u>	
Bausch & Lomb (B&L) Lamp Types				
13528	6V,15W MR11 GZ4 BASE	BW.13528-IMP	Import Brand	2
21-26-64	120V,25W S11 CANDELABRA BASE FROSTED	BW.25S11.5C		31
21-65-18	120V,25W S11 CANDELABRA BASE CLEAR	BW.25S11.2C		30
21-65-21	120V,15W S11 CLEAR CANDELABRA BASE	BW.15S11.13		30
31-01-98	15V,150W MR16 GZ6.35 BASE	BW.EFR		1
31-07-52	250W MET.HALIDE WITH CONNECT.PLUG	BW.HTI250W.32C		137
31-31-12	120V,20W S11 MED.SCREW BASE CLEAR	BW.20S11		23
31-31-15	120V,15W D11 CLEAR IMPORT BRAND	BW.15S11.102CL	Import Brand	23
31-31-25	120V,15W T7 INTERMED.BASE	BW.15T7N		25
31-31-30	RING FLUOR. WARM WHT 74MM DIA.	BW.FCB74LWW		141
31-31-35	120V,20W S11 MED.SCREW BASE	BW.20S11		23
31-31-37	20V,1.0A (31-31-37)(050-540)	BW.1634		83
31-31-42	6.5V,2.75A DC PREF. (31-31-42)	BW.1649		83
31-31-50	6V,.20A T1 ¼ MIDGET FLANGE	BW.328		78
31-31-52	21V,150W MR16 GX5.3 BASE	BW.EKE		1
31-31-58	12V,100W T3 GY9.5 BASE	BW.FDT		16
31-31-65	AC34-39V,50W	BW.HBO50W.L2		150
31-31-71	120V,30W DC BAYONET BASE	BW.BLC		56
31-31-77	6V,10W T2 ¼ G4 BASE	BW.787 * (Delisted)		14
31-31-75	6.5V,2.75A DC PREFOCUSED BASE	BW.1460		83
31-31-79	6.5V,2.75A DC PREFOCUSED BASE	BW.1630	Ushio Brand	83
31-31-81	6V,20W G4 BASE (31-31-81-01)	BW.778 * (Delisted)	GE Brand	14
31-31-81	6V,3.33A T2 ¼ G4 BASE	BW.788 * (Delisted)		14
31-31-85	6.5V,2.75A DC PREF. SILVER CONTACTS	BW.1631		83
31-31-85	6.5V,2.75A DC PREF. SILVER CONTACTS	BW.1631X		83
31-31-87	120V,30W (31-31-87) FROSTED	BW.BLK-GE (Delisted) *		31
31-33-53	6.5V,2.75A DC PREFOCUSED BASE	BW.1460X		83
31-74-28 (78508)	115-120V,30W DC BAY SILVER DOT	BW.31-74-28		-
31-74-29	6V,20W T3 1/2 G4 BASE	BW.ESB		10
33-33-07	6.7V, 10W 2 PCK FOR SPECTRONIC	BW.33-33-07		-
33-51-24	14V,25W T2 1/4 G4 BASE	BW.790 * (Delisted)	GE Brand	14
33-54-23	6V,10W T3 G4 BASE	BW.6605		10
5761	6V,30W G4 BASE	BW.5761		8

5761	6V,30W G4 BASE	BW.5761-IMP	8
5972	6V,10W T3 G4 BASE	BW.5972-IMP	10
64265	6V,30W T3 G4 BASE	BW.64265	10
71-71-41	6.5V,2.75A SC BAYONET	BW.1489 *	50
71-71-77	120V,50W T8 SC BAYONET	BW.BZW *	45
71-71-78	120V,100W T8 SC BAYONET	BW.CDD *	45
71-71-80	12.5V,3.0A RP11 PREFOCUSED BASE	BW.1507 *	83
71-71-84	115-120V,15W CANDELABRA BASE	BW.15S11.14	30
71-71-93	120V,25W T10 MED.SCREW FROSTED	BW.25T10IF-120V	-
71-75-62	2.5V,0.38A SPECIAL THREADED BASE	BW.71-75-62 *	120
71-77-15	6V,15-18W DC BAY BASE	BW.76907 *	53
EJA	21V,150W MR16 GX5.3 BASE	BW.EJA	1

Many Other Bausch & Lomb Lamp Types Available. Please Call or Visit www.bulbworks.com

Copeland Lamp Types

360-125	2.5V FOR RETINOSCOPE	BW.360-125	-
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Many Other Copeland Lamp Types Available. Please Call or Visit www.bulbworks.com

Dolan Jenner Lamp Types (International Light Technologies)

DDL	20V,150W MR16 GX5.3 BASE	BW.DDL	1
DNE	120V,150W MR16 VENTED G7.9 BASE	BW.DNE	6
EJV	21V,150W MR16 GX5.3 BASE	BW.EJV	1
EKE	21V,150W MR16 GX5.3 BASE	BW.EKE	1
EKZ	10.8V,30W MR16 GX5.3 BASE	BW.EKZ	1
FL100	RING T5 80MM DIAM.5500 DEG.4 PINS	BW.FL150	138
FL150	RING T5 80MM DIAM.5500 DEG.4 PINS	BW.FL150	138
FL200	RING T5 80MM DIAM.BLACK LIGHT 4 PINS	BW.FL200	138

Import Brand

Many Other Dolan Jenner Lamp Types Available. Please Call or Visit www.bulbworks.com

Fostec Lamp Types

8110	21V,150W MR16 GX5.3 BASE	BW.EJA	1
8120	21V,150W MR16 GX5.3 BASE	BW.EKE	1
8130	20V,150W MR16 GX5.3 BASE	BW.DDL	1

Many Other Fostec Lamp Types Available. Please Call or Visit www.bulbworks.com

Hanalux Lamp Types

016164	24V,25W FOR HANALUX	BW.016164	77
016170	120V,30W HALF SILVERED DOUBLE CONTACT	BW.016170 *	77
016678	24V,50W BX22D BASE	BW.016678	77
018366	22.8V,75W DBL.ENDED FOR HANALUX	BW.018366	-
018550	24V,40W FOR HANALUX	BW.018550	77
018566	22.8V,50W T3.5 G6.35 BASE AXAIL FIL.	BW.64650	9
018769	22.8V,40W FOR HANALUX	BW.018769	8
053198	22.8V,90W SPEC.BASE HANALUX BLUE 90	BW.053198	-
HX0530010B30	24V,50W HANALUX BLUE	BW.HX0530010B30 *	-
HX0530260	21.5V,130W FOR HANALUX BLUE 80	BW.HX0530260	-

Many Other Hanalux Lamp Types Are Available. Please Call or Visit www.bulbworks.com

Ken-A-Vision Lamp Types

6461	12V,10W TUBULAR FESTOON	BW.6461	99
BEY	5AG16.5/3 (20V,100W)	BW.BEY	80

Many Other Ken-A-Vision Lamp Types Are Available. Please Call or Visit www.bulbworks.com

Lamp Cross Reference Guide (For Pricing, See Separate Pricing Sheet)

<u>Lamp Number</u>	<u>Description</u>	<u>Bulbworks Number</u>	<u>Fig.</u>
Heine Lamp Types			
J0527074	12V,20W MR16 GU5.3 BASE	BW.ESX-CG	1
X0188034	2.5V HEINE T2 SC BASE WITH LOCATOR PIN	BW.HEX0188034	-
X0188035	2.5V HALOGEN WITH SCREW BASE	BW.HEX0188035	118
0188035	2.5V HALOGEN WITH SCREW BASE	BW.0188035	118
X0188037	2.5V HEINE OTOSCOPE GOLD	BW.HEX0188037	-
0188037	2.5V HEINE OTOSCOPE GOLD	BW.0188037	-
X0188038	2.5V HEINE SINGLE PIN	BW.HEX0188038	-
X0188041	2.5V HEINE	BW.HEX0188041	123
X0188042	2.5V HEINE	BW.HEX0188042 *	-
0188042	2.5V HEINE	BW.0188042 *	-
X0188056	2.5V HEINE	BW.HEX0188056	-
0188056	2.5V HEINE	BW.0188056 *	-
X0288044	3.5V HEINE 5MM X 18MM GOLD	BW.HEX0288044	118
0288044	3.5V FOR HEINE GENERIC BRAND	BW.0288044	118
X0288046	3.5V HEINE	BW.HEX0288046	-
0288046	3.5V HEINE	BW.0288046	-
X0288049	3.5V HEINE OTOSCOPE	BW.HEX0288049	-
0288049	3.5V HEINE OTOSCOPE	BW.0288049	-
X0288070	HEINE OPHTHALMOSCOPE BULB	BW.HEX0288070	-
X0288078	3.5V SINGLE PIN FLANGE	BW.HEX0288078	-
0288078	3.5V SINGLE PIN FLANGE	BW.0288078 *	-
X0288085	3.5V FOR HEINE	BW.HEX0288085	-
X0288086	3.5V HEINE SPECIAL BASE	BW.HEX0288086	-
0288086	3.5V HEINE SPECIAL BASE	BW.0288086	-
X0488060	6V HALOGEN WITH THREADED BASE	BW.HEX0488060	-
X0488068	6V,10W GOLD PLATED FLANGE BASE	BW.HEX0488068	-
0488068	6V,10W FLANGE BASE (for HEINE generic brand)	BW.0488068	-
X0488076	6V HEINE - FOR SIGMA 100	BW.HEX0488076	-
X0488093	6V,5W HEINE	BW.HEX0488093	-
Y9611103	6V,20W T3 1/2 G4 BASE	BW.ESB	10

Import Brand

Import Brand

Y9614103	20V,150W MR16 GX5.3 BASE	BW.DDL	1
Y9615103	12V,100W T3 1/2 GY6.35 BASE	BW.EVA	7
Y9615102	24V,150W T4 G6.35 BASE	BW.FDV	7

Many Other Heine Lamp Types Are Available. Please Call or Visit www.bulbworks.com

Jena Lamp Types (Narva)

105.817	6V,10W PREFOCUSED BASE	BW.105.817	135
105.859 (55147)	6V,25W PREFOCUSED BASE	BW.105.859	135
105.908 (55307)	12V,100W PREFOCUSED BASE	BW.105.908	136
402-973-000	6V,30W PREFOCUSED BASE	BW.55168	135
681.16	110-115V,25W SCREW FROSTED	BW.25PCL.E14	27
681.32	6V,15W THREADED BASE	BW.681.32 *	108
681.34 (67273)	6V,15W 14MM THREADED BASE	BW.681.34	108
682.04	5.8V,1.10A. MINIATURE SCREW	BW.157	35
682.50	50W MERCURY 39-45V AC	BW.HBO50W.L1	150
682.51	50W MERCURY LAMP DC	BW.HBO50W.3	150
682.51	AC34-39V,50W	BW.HBO50W.L2	150
682.52	150W XENON STABLE	BW.UXL150S	151
682.52	150W XENON	BW.XBO150W.1	151
682.92	12V,100W T3 GY6.35 BASE	BW.FCR	7
683.79	12V,50W G6.35 BASE	BW.BRL	7
687.95	6V,20W T3 1/2 G4 BASE	BW.ESB	10
688.00 (55133)	6V,20W PRECENTERED BASE	BW.688.00	135
688.01 (55305)	12V,100W WITH PREF.FLANGE BASE	BW.688.01	136
688.05	12V,50W WITH PREF.FLANGE BASE	BW.688.05	136
688.09	200W MERCURY	BW.HBO200W.2.L1 *	151
688.61	6V,5W GLOBULAR THREADED BASE	BW.688.61	116
688.61F	6V,5W GLOB.THREADED BASE FROST	BW.688.61F	116
EFP	12V,100W MR16 GZ6.35 BASE	BW.EFP	1
FCS	24V,150W T4 G6.35 BSAE	BW.FCS	7
HBO100W.2	100W MERCURY LAMP	BW.HBO100W.2	147
JC6V-15W	6V,15W T3 G4 BASE	BW.JC6V-15W	10

Many Other Jena Lamp Types Are Available. Please Call or Visit www.bulbworks.com

Keeler Lamp Types

1012P5006	6V,18W FOR KEELER	BW.1012P7000 *	109
1012P5110	FOR KEELER INDIRECT	BW.1012P7003 *	124
1012P7000	6V,18W FOR KEELER	See BW.1012P7000 *	109
1012P7001	6V,20W KEELER FISON HALOGEN	BW.1012P7001	-
1012P7003	FOR KEELER INDIRECT	See BW.1012P7003	124
1012P7006	KEELER VANTAGE PLUS INDIRECT	BW.1012P7006	-
1013P7008	2.8V KEELER	BW.1013P7008	-
1024P7156	KEELER TONOMETER BULB 2 PACK	BW.1024P7156	-

Many Other Keeler Lamp Types Are Available. Please Call or Visit www.bulbworks.com

Labomed Lamp Types

412086510	12V,20W MEDIUM FLOOD 20 DEG.	BW.FTD	3
64261	12V,30W T3 1/2 GY6.35 BASE	BW.64261	8
64425	12V,20W T3 G4 BASE	BW.64425	8
EL-455	6V,30W G4 BASE	BW.5761	8
EL-455	6V,30W T3 G4 BASE	BW.64265	10
EL-455	6V,30W T3 G4 BASE	BW.JC6V-30W	10
ESB	6V,20W T3 G4 BASE	BW.ESB	10
JC12V-30WH20	12V,30W G6.35 BASE	BW.JC12V-30WH20	8

Many Other Labomed Lamp Types Are Available. Please Call or Visit www.bulbworks.com

Lamp Cross Reference Guide (For Pricing, See Separate Pricing Sheet)

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<u>Lamp Number</u>	<u>Description</u>	<u>Bulbworks Number</u>	<u>Fig.</u>
Leica Lamp Types			
10384643	12V,50W MODIFIED FOR WILD	BW.384-643	117
10446809	21V,150W MR16 GX5.3 BASE	BW.EKE	1
11500010	12V,60W DC BAYONET BASE	BW.OQ-348	74
11500296	6V,4W T3 WEDGE BASE	BW.500-296 *	-
11500314	12V,30W G6.35 BASE	BW.JC12V-30WH20	8
11500317	12V,30W T3 1/2 GY6.35 BASE	BW.64261	8
11500322	6V,35W T3 CLEAR G4 BASE	BW.64275	10
1174	21V,150W MR16 GX5.3 BASE	BW.EJA	1
13313125	120V,15W T7 INTERMED.BASE	BW.15T7N	25
13320190	7W 4100 DEG.K.COMP.FLUORESCENT	BW.CF7DS.841	143
13396025	12V,20W T3 G4 BASE	BW.64425	8
13596030	12V,35W G4 BASE	BW.JC12V-35WB	8
14	2.47V,0.30A MINIATURE SCREW	BW.14	36
1460	6.5V,2.75A DC PREFOCUSED BASE	BW.1460	83
1460X	6.5V,2.75A PREF. BASE SILVER CONTACTS	BW.1460X	83
15S11.102CL	120V,15W D11 CLEAR IMPORT BRAND	BW.15S11.102CL	23
1631	6.5V,2.75A DC PREF. SILVER CONTACTS	BW.1631	83
1631X	6.5V,2.75A DC PREF. SILVER CONTACTS	BW.1631X	83
1634	20V,1.0A (31-31-37)(050-540)	BW.1634	83
1649	6.5V,2.75A DC PREF. (31-31-42)	BW.1649	83
20S11	120V,20W S11 MEDIUM BASE CLEAR	BW.20S11	23
222	2.25V,25A MINIATURE SCREW LENS END	BW.222	39
25T7N	120V, 25W T7 INT. BASE	BW.25T7N	25
25T8N	120V,25W T8 INTERMED.BASE CLEAR	BW.25T8N	25
630	6V,15W MR11 GZ4 BASE	BW.13528-IMP	2
631	6V,9W MR11 GZ4 BASE	BW.13529-IMP	2
64255	8V,20W MR11 G4 BASE	BW.64255	1

6430	24V,3W TUBULAR FESTOON	BW.6430 *	99
787	6V,10W T2 ¼ G4 BASE	BW.787 (Delisted) *	14
788	6V,3.33A T2 ¼ G4 BASE	BW.788 (Delisted) *	14
7C7	120V,7W C7 CANDELABRA BASE	BW.7C7	33
7C7W	120V,7W C7 CANDELABRA BASE - WHITE	BW.7C7W	-
801-5914	20V,150W MR16 GX5.3 BASE	BW.DDL	1
86040	13.8V,85W MR16 GX5.3 BASE	BW.DED	3
BLC	120V,30W DC BAYONET BASE	BW.BLC	56
BLK	120V,30W (31-31-87) FROSTED	BW.BLK-GE (Delisted) *	31
EHJ	24V,250W (7748) T4 G6.35 BASE	BW.EHJ	7
ESB	6V,20W T3 G4 BASE	BW.ESB	10
FCB74LD	RING LIGHT DAYLIGHT 74MM DIAMETER	BW.FCB74LD	-
FCB74VWV	RING LIGHT WARM WHT 74MM DIAMETER	BW.FCB74LWV	-
FDT	12V,100W T3 GY9.5 BASE	BW.FDT	16
HBO50W.L2	AC34-39V,50W	BW.HBO50W.L2	150
HXPR120W45CV	85V,120W MERC.SHORT ARC	BW.HXPR120W45CV	-

Many Other Leica Lamp Types Are Available. Please Call or Visit www.bulbworks.com

Leitz Lamp Types

037-717	24V,150W T4 G6.35 BASE	BW.FCS	7
037-723	24V,250W (7748) T4 G6.35 BASE	BW.EHJ	7
037-790	12V,100W SC BAYONET	BW.BXT (Delisted) *	-
046-017	6V,15W PREFOCUSED FLANGE BASE	BW.OQ-01R (Delisted) *	104
050-250	6V,15W T6 DC BAYONET BASE	BW.13347W (Delisted) *	45
050-320	200W MERCURY SCREW ENDS	BW.USH200DP	151
050-520	200W MERCURY	BW.HBO200W.2.L1 *	151
050-520	200W 2 ELECTRODES	BW.HBO200W.2.L2 *	151
050-525	6.4V,2.63A SC BAYONET	BW.1129	-
050-530	6V,25W (050-530) SC BAYONET	BW.7577 (Delisted) *	-
050-540	20V,1.0A (31-31-37)(050-540)	BW.1634	83
050-610	200W MERCURY 3 ELECTRODES	BW.HBO200W.L2 (Delisted) *	-
050-615	200W MERCURY 61 +- 6 VOLTS AC	BW.HBO200W.4	151
094-502	6.2V,3.91A SC BAYONET	BW.1133	59
094-504	6.1V,4.10A SC PREFOCUSED	BW.1763	83
098-145	12V,100W MR16 GZ6.35 BASE	BW.EFP	1
098-588	120V,150W T10 WITH BLACK TOP	BW.BEH (Delisted) *	-
098-724	120V,650W T4 DBL.END.R7S BASE	BW.FAD *	-
177-160	6V,15W WITH PREFOCUSED COLLAR	BW.OQ-70249B (Delisted) *	105
193-049	12V,100W T3 GY6.35 BASE	BW.FCR	7
500-007	120V,40W B15 E14 BASE	BW.B40E14-120V *	28
500-008	150W XENON	BW.XBO150W.1	151
500-009	6V,5W G3 1/2 E10 SCREW BASE	BW.5122 (Delisted) *	37
500-010	12V,60W DC BAYONET BASE	BW.OQ-348	74
500-011	6V,30W (500-011) E14 SCREW BASE	BW.8100	28
500-012	6V,15W T6 DC BAYONET BASE	BW.8018	50
500-013	125-130V,15W PEAR SHAPE EUROPEAN SCREW	BW.15PCL.E14	27
500-013	125-130V,25W PEAR E14 BASE	BW.25PCL.E14	27
500-031	450W XENON LAMP OZONE FREE	BW.XBO450W.OFR	-
500-073	6V,5W SC BAYONET	BW.6251	61
500-084	6V,35W T3 CLEAR G4 BASE	BW.64275	10
500-096	6V,10W GLOBULAR SC BAY. (500-096)	BW.5001	-
500-133	100W MERCURY LAMP	BW.HBO100W.2	147
500-137	50W MERCURY 39-45V AC	BW.HBO50W.L1	150
500-137	AC34-39V,50W	BW.HBO50W.L2	150
500-139	75W XENON	BW.XBO75W.2	146
500-177	6V,15W PREFOC. BASE	BW.OQ-177L	103
500-182	12V,50W T4 GY6.35 BASE	BW.BRL	7
500-245	6V,20W T3 G4 BASE	BW.ESB	10

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<u>Lamp Number</u>	<u>Description</u>	<u>Bulbworks Number</u>	<u>Fig.</u>
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500-317	12V,30W T3 1/2 GY6.35 BASE	BW.64261	8
500-317	12V,30W G6.35 BASE	BW.JC12V-30WH20	8
500-603	4W, COOL WHITE FLUORESCENT	BW.F4T5.CW	148
610-025	6V,4.35A (610-025)	BW.8001 *	28
620-068	6V,15W DC BAYONET BASE	BW.8017 *	46
700-016	12V,40W BA20D BASE	BW.8024	-
700-025	4V,.75A T6 SC BAYONET BASE	BW.BRD *	-
700-034	6.5V,2.75A S8 DC BAYONET BASE	BW.1493	55
700-065	6V,10W T3 G4 BASE	BW.ESA	10
902-058	21V,150W MR16 GX5.3 BASE	BW.EKE	1
902-063	21V,150W MR16 GX5.3 BASE	BW.EJA	1
906-009	120V,150W MR16 VENTED G7.9 BASE	BW.DNE	6
918-088	6V,30W S8 DC BAYONET (918-088)	BW.1594	55
920-033	12.8V,2.10A SC BAYONET	BW.1156	-
EFN	12V,75W (64615)(6853) MR16	BW.EFN	2

Many Other Leitz Lamp Types Are Available. Please Call or Visit www.bulbworks.com

Marco Lamp Types

1008	6V,4.5A G12½ 9 HOLE BASE	BW.1008	134
1036	120V,150W MR16 VENTED G7.9 BASE	BW.DNE	6
1045	12V,50W T3 1/2 PG22 PREFOCUSED BASE	BW.64260	-
2007-6	6V,27W S11 E14 SCREW BASE	BW.510-250	-
3006	120V,15W T7 CANDELABRA BASE	BW.15T7C	-
3007	120V,15W T7 INTERMED.BASE	BW.15T7N	25

4007	115-125V,25W S11 INTERM.SCRW FROST.	BW.25S11N	-
4008	6V,4.5A DC BAYONET BASE	BW.1468	83
5010	6.5V,2.75A S8 DC BAYONET BASE	BW.1493	55
6014	130V,50W T8 DC BAYONET BASE	BW.CAX-130V	45
OM2020	15V,150W MR16 GZ6.35 BASE	BW.EFR	1

Many Other Marco Lamp Types Are Available. Please Call or Visit www.bulbworks.com

Meiji Lamp Types

BA005	100W MERCURY LAMP	BW.HBO100W.2	147
BA013	75W XENON	BW.XBO75W.2	146
BA014	100W XENON	BW.XBO100W.OFR	146
FL180/70	21V,150W MR16 GX5.3 BASE	BW.EKE	1
MA111	12V,10W TUBULAR FESTOON	BW.6461	99
MA260/05	6V,3.33A T2 ¼ G4 BASE	BW.788 (Delisted) *	14
MA261/SL10	115-120V,20W DC BAYONET BASE	BW.MA2201	51
MA263/05	120V,30W R12 DC BAYONET BASE BLUE	BW.MA584	58
MA264/05	6.5V,2.75A DC PREFOCUSED BASE	BW.1460	83
MA275/05	12V,50W G6.35 BASE	BW.JC12V-50WG1	8
MA305/05	RING FLUORESCENT 80MM DIAM.DAYLIGHT	BW.FCB80D	141
MA309/05	4W DAYLIGHT FLUORESCENT	BW.F4T5.D	148
MA326	6V,30W G4 BASE	BW.5761	8
MA360	5W 4100 DEG.COMPACT FLUORESCENT	BW.CF5DS.841	143
MA361/10	120V,20W DC BAYONET 1/2 SILVERED	BW.77427	48
MA362/10	115V,30W DC BAYONET 1/2 SILVERED	BW.77458	47
MA402	6.5V,2.75A S8 DC BAYONET BASE	BW.1493	55
MA560	4-6V,1.2A SC BAYONET BASE HOR.FIL.	BW.OP2101Z	61
MA561	4-6V,1.2A SC BAYONET BASE VERT.FIL.	BW.OP2101U	61
MA570-MEIJ	6V,10W T2 ¼ G4 BASE	BW.787 (Delisted) *	14

Many Other Meiji Lamp Types Are Available. Please Call or Visit www.bulbworks.com

Mentor Lamp Types

1008	6V,27W G12 1/2 9 HOLE SPECIAL SCREW	BW.1008	134
22-7720	12V,12W T2 1/2 WEDGE BASE	BW.ERB (Delisted) *	13
3050F	6V,4.5A S11 9 HOLE BASE	BW.HS366	134
451201	12V,20W BULB & HOLDER	BW.451201 *	-

Many Other Mentor Lamp Types Are Available. Please Call or Visit www.bulbworks.com

Neitz Lamp Types

L-09	12.5V,60W SC PREFOCUSED BASE	BW.L-09	83
L-14	6V,15-18W DC BAY BASE	BW.76907 *	53
L-19	120V,15W MED.SCREW INSIDE FROST	BW.15S11.102CF	-
L-29	4V,3W SC BAYONET BASE	BW.L-29	-
L-41	6V,10W T2 1/4 G4 BASE GE	BW.787 * (Delisted)	14
L-45	6V,30W PREFOCUSED SCREW BASE	BW.L-45	-

Many Other Neitz Lamp Types Are Available. Please Call or Visit www.bulbworks.com

Nikon Lamp Types

70249	6V,15W WITH PREFOCUSED COLLAR	BW.OQ-70249B (Delisted) *	105
70410	12V,60W S11 SC BAYONET BASE	BW.OP2502 *	62
70876	6V,10W DC BAYONET BASE	BW.70876 *	53
71256	10V,70W MED. PREF.(OP2401)	BW.71256	85
71500	115-125V,300W T10 MEDIUM PREF. BASE	BW.CXK	86
71818	10V,70W WITH PREFOCUSED BASE	BW.71818 *	85
71819	21V,150W T14 4 BASE BASE	BW.DKR (Delisted) *	-
71826	24V,150W T4 G6.35 BASE	BW.FCS	7
72168	15V,150W MEDIUM PREF.BASE	BW.72168	85
72231	6V,15W SC BAYONET	BW.72231 (Delisted) *	61
74990	120V,15W MED.SCREW INSIDE FROST	BW.15S11.102CF	-
76223	21V,150W MR16 GX5.3 BASE	BW.EJA	1
76342	6V,10W T2 ¼ G4 BASE	BW.787 (Delisted) *	14

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76342	6V,10W T3 G4 BASE	BW.ESA	10
76451	150W XENON	BW.XBO150W.1	151
76461	150W XENON/OZONE FREE	BW.UXL152HO	151
76513	12V,100W T3 GY6.35 BASE	BW.FCR	7
76516	12V,50W T4 GY6.35 BASE	BW.64440	8
76516	12V,50W T3 GY6.35 BASE	BW.BRL-OSR	7
76617	2.25V,.25A MINIATURE SCREW LENS END	BW.222	39
76906	6V,15W T6 DC BAYONET BASE	BW.8018	50
76907	6V,15-18W (OP2114)	BW.76907	53
77155 (MXA22024)	3.69V,4.19W G3 1/2 E10 MINIATURE SCREW	BW.365	36
77427 (MXA20076)	115V,20W HALF SILVERED	BW.77427	47
77458 (MXA20081)	115V,30W HALF SILVERED	BW.77458	47
77903 (MXA20318)	6V,15W T6 DC PREFOCUSED BASE	BW.77903	103
77904 (MXA20315)	6V,30W DC BAYONET BASE	BW.77904	46
77906 (MXA20083)	120V,15W T7 DC BAYONET BASE	BW.15T7.DC-120V	46
77907	6.4V, 3.0A S8 DC BAYONET	BW.6	55
77910 (MXA20017)	6V,15W PREFOCUSED FLANGE BASE	BW.77910 *	113
77918	115V,20W BLUE REFLECTOR	BW.77918 *	-
78021	6V,30W T3 G4 BASE	BW.5761	10
78153	450W XENON LAMP OZONE FREE	BW.XBO450W.OFR	-
78508 (MXA20450)	120V,30W DC BAYONET WITH DOT REFLECT.	BW.31-74-28	57
78554	AC34-39V,50W	BW.HBO50W.L2	150

78560	200W MERCURY	BW.USH200DP	151
78564	RING T5 80MM DIAM.5500 DEG.4 PINS	BW.FL150	138
78580	200W MERCURY 3 ELECTRODES	BW.HBO200W.L2 (Delisted) *	-
78580	200W MERCURY	BW.HBO200W.2.L1 *	151
78580	200W 2 ELECTRODES	BW.HBO200W.2.L2 *	151
78588	50W MERCURY 39-45V AC	BW.HBO50W.L1	150
78589	100W MERCURY LAMP	BW.HBO100W.2	147
78590	200W MERCURY LAMP 3 ELECTRODES	BW.HBO200W.L2 (Delisted) *	-
78595 (MXA20163)	120V,20W DC BAY. HALF SILVERED	BW.78595	47
78682	75W XENON LAMP	BW.XBO75W.2	146
79098 (MXA20093)	6V,.20A T1 3/4 MIDGET FLANGE BASE	BW.328	78
79099	6V,20W T3 G4 BASE	BW.ESB-OSR	10
79186 (MXA20748)	6V,0.2A LENS END MIDGET FLANGE	BW.79186 *	79
79186 LED (MXA20748)	LED REPLACEMENT FOR 79186 & MXA20101	BW.NIK-POINTER	-
79761	12V,30W PG22 2 PIN PREF.BASE	BW.64260	-
81587	12V,100W MR16 GZ6.35 BASE	BW.EFP	1
82931	20V,150W MR16 GX5.3 BASE	BW.DDL	1
82932	14.5V, 90W MR16 GX5.3 BASE	BW.EPV	1
83314 (MXA20533)	6V,20W MR11 GZ4 BASE	BW.JCRM6V-20W	3
83380	21V,150W MR16 GX5.3 BASE	BW.EKE	1
83381	10.8V,30W MR16 GX5.3 BASE	BW.EKZ	1
84125	12V,100W G4 GY6.35 BASE	BW.EVA	7
84206	6V,30W T3 G4 BASE	BW.5761	8
84246	6V,30W T3 G4 BASE	BW.5761	8
84299	12V,100W MR16 GZ6.35 BASE	BW.JCR12V100W10	1
84311	6V,30W TRIANGULAR FLANGE BASE	BW.OQ-58Z	112
89500	6V,20W T3 G4 BASE	BW.ESB	10
92314	6V,0.2A POINTER BULB	BW.79186 *	79
92314 LED (MXA20748)	LED REPLACEMENT FOR 79186 & MXA20101	BW.NIK-POINTER	-
HBO103W.2	100W MERCURY LONG LIFE	BW.HBO103W.2	146
MXA23045	12V.50W T3 1/2 G6.35 BASE CER NIKON	BW.MXA23045	20
MXA23045	12V.50W T3 1/2 G6.35 BASE CER IMPORT	BW.MXA23045-IMP	20

Many Other Nikon Lamp Types Are Available. Please Call or Visit www.bulbworks.com

Olympus Lamp Types

58101	24V,150W T4 G6.35 BASE	BW.FCS	7
8B101	6-8V,5A DC BAY. WITH FLANGE	BW.8B101 *	102
8B102	6.5V,2.75A S8 DC BAYONET BASE	BW.1493	54
8B150	120V,20W, MED.SCREW CLEAR	BW.8B150 *	23
8B151	120V,20W DC BAY W.REFLECTOR	BW.8B151 *	57
8B152	120V,30W DC BAYONET BASE	BW.BLC	56
8B153	120V,20W DC BAYONET	BW.8B153 *	57
8B190	200W MERCURY LAMP 3 ELECTRODES	BW.HBO200W.L2 (Delisted) *	152
8B192	100W MERCURY LAMP	BW.HBO100W.2	146
8B192	100W MERCURY AVG.LIFE 200 HRS.	BW.USH102D	147
8B192O	100W MERCURY LONG LIFE	BW.HBO103W.2	146
8B193	50W MERCURY LAMP DC	BW.HBO50W.3	150
8B195	150W XENON OZONE FREE	BW.UXL150MO	151
8B195	150W XENON GAP SHORT OZONE FREE	BW.XBO150WCROFR	151
8B196	150W XENON STABLE OZONE FREE	BW.UXL150SO	151
8B198	75W XENON WITH TRIGGER WIRE	BW.UXL75XE	147
8B199	50W MERCURY LAMP 39-45V AC	BW.HBO50W.L1	150
8C101	6V,30W DC BAYONET BASE	BW.77904	46
8C102	6-8V,30W PREF.PLASTIC BASE	BW.8C102	107
8C103	6V,15W PREF.PLASTIC BASE	BW.8C103	107
8C201	6-8V,2A SC BAYONET BASE FROSTED	BW.8C201	-
8C401	12V,100W T3 GY6.35 BASE	BW.FCR	7
8C402	12V,50W T4 GY6.35 BASE	BW.64440	8
8C403	6V,10W T3 G4 BASE	BW.6605	10
8C403	6V,10W T3 G4 BASE	BW.ESA	10
8C404	21V,150W MR16 GX5.3 BASE	BW.EJA	1
8C405	6V,20W T3 G4 BASE	BW.ESB	10

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8C406	12V,100W T4 GY6.35 BASE	BW.EVA	7
8C407	12V,50W T4 GY6.35 BASE	BW.BRL	7
8C408	6V,15W MR11 GZ4 BASE	BW.13528-IMP	2
8C410	6V,30W T3 G4 BASE	BW.5761	10
8G101 POINTER LAMP	6V,5W MINIATURE SCREW	BW.8G101	35
8G102 POINTER LAMP	6V,10W MINIATURE SCREW	BW.8G102	35
8M102	3-6V,2A SC BAYONET BASE CLEAR	BW.8M102	60
8M103	6-8V,2A SC BAYONET BASE	BW.8M103	60
8S101	6V,2A SC PREFOCUSED FLANGE	BW.6V2A *	114
8S110	12V,22W MR11 GZ4 BASE	BW.8S110	2
8S300	FLUORESCENT RING LIGHT	BW.TQ-WTL *	-
8S312	RING FLUOR.T5 80MM DIAMETER	BW.FL150	138
8S401	15V,150W MR16 GZ6.35 BASE	BW.EFR	1
HEX0188041	2.5V HEINE	BW.HEX0188041 *	123
OLY-POINTER LED	LED REPLACEMENT FOR EITHER 8G101 OR 8G102	BW.OLY-POINTER	-
VS010	20V,150W MR16 GX5.3 BASE	BW.DDL	1
VS011	14.5V, 90W MR16 GX5.3 BASE	BW.EPV	1
VS011	14.5V,90W MR16 GX 5.3 BASE	BW.EPX	1
XBOR180W45C	180W XENON SHORT ARC WITH CABLE	BW.XBOR180W45C	-
Y1052	14V,300W XENON	BW.VAC300-F-C5	-
Y1052S	14V,300W XENON	BW.VAC300-F-C5	-

Y1064S	14V,300W XENON	BW.UXR300BU	-
Y1072	14V,300W XENON	BW.VAC300-F-C5	-

Many Other Olympus Lamp Types Are Available. Please Call or Visit www.bulbworks.com

Propper Lamp Types

198022	2.5V HEINE SPECIAL BASE	BW.0188042 *	-
199036	2.5V HALOGEN WITH SCREW BASE	BW.0188035	118
199112	2.5V HEINE SINGLE CONTACT BASE	BW.HEX0188034	-
199125	FOR TRANSILLUMINATOR	BW.199407	-
199182	6V,10W GOLD PLATED FLANGE BASE	BW.0488068	122
199402	3.5V HEINE SPECIAL BASE	BW.HEX0288046	-
199407	FOR TRANSILLUMINATOR	BW.199407	-

Many Other Propper Lamp Types Are Available. Please Call or Visit www.bulbworks.com

Reichert Lamp Types

11083	6V,20W T3 G4 BASE	BW.L7394	8
11176	130V,50W T8 DC BAYONET BASE	BW.CAX-130V	45
1120	6V,20W T3 G4 BASE	BW.ESB	10
11405	2.5V HALOGEN A.O./REICH. OPHT. LAMP	BW.11405 *	-
11496	2.7V, .45A SPEC.SCREW BASE	BW.11496 *	-
11581	6V,4.5A DC PREFOC.BASE	BW.1468	83
11603	6.5V,2.75A S8 PREFOCUSED SINGLE CONTACT	BW.1460	83
11698	6V,8.4W S8 SINGLE CONTACT BAYONET BASE	BW.DF841002	63
12084	6V,20W T3 G4 BASE	BW.JC6V-20W	10
12603	120V,15W CLEAR INTERMED.BASE	BW.15S11.87 CL *	29
12604	120-130V,10W INTER.SCREW	BW.10S11N	29
15S11.102CL	120V,15W D11 CLEAR IMPORT BRAND	BW.15S11.102CL	23
166324	6V,15W T6 DC BAYONET	BW.8018	46
1858	6V,20W T3 TERMINALS WITH WIRE LEADS	BW.1974 *	125
238	6.3V, 0.50A MINIATURE BAYONET	BW.238 *	70
50QCL.DC-120	120V,50W T4 DC BAYONET BASE	BW.50QCL.DC-120	-
655C	6V,10W T3 G4 BASE	BW.ESA	10
860013	50W MERCURY LAMP 39-45V AC	BW.HBO50W.L1	150
9000909	200W 2 ELECTRODES	BW.HBO200W.2.L2 *	151
9000914	AC34-39V,50W	BW.HBO50W.L2	150
9026301	6V,15W PREFOCUSED FLANGE BASE	BW.OQ-01R (Delisted) *	104
9156901	6V,30W (5A) PREF.SCRW BASE	BW.OQ-15R (Delisted) *	-
9860012	200W MERCURY	BW.HBO200W.2.L1 *	151
9860014	150W XENON	BW.XBO150W.1	151
9860015	12V,100W T3 GY6.35 BASE	BW.FCR	7
9860016	200W MERCURY 61 +- 6 VOLTS AC	BW.HBO200W.4	151
9860025	6V,5W SC BAYONET	BW.6251	61
9860071	125-130V,15W PEAR SHAPE EUROPEAN SCREW	BW.15PCL.E14	27
H60042	100W MERCURY	BW.HBO100W.2	145
H60043	75W XENON	BW.XBO75W.2	147
XBO150W1.OFR	150W XENON OZONE FREE	BW.XBO150W1.OFR	151

Many Other Reichert Lamp Types Are Available. Please Call or Visit www.bulbworks.com

Skytron Lamp Types

A101028	24V,40W FOR SKYTRON	BW.A101028	133
A101028-1	24V,40W FOR SKYTRON	BW.A101028	133
A142010	24V, 60W FOR SKYTRON	BW.A142010	-
A151001	24V,50W MINI CAN WITH CAP	BW.A151001 *	133
B501004	FOR SKYTRON LIGHT WAND	BW.B501004	-
B501132	24V,100W T4 1/2 CERAMIC CAP G8 BASE	BW.B5-011-32	22
H24501	24V,50W G8 BASE FOR SKYTRON	BW.H24501	22
JC24V50W-E11	24V,50W T4 E11 BASE	BW.JC24V50W-E11	-

Many Other Skytron Lamp Types Are Available. Please Call or Visit www.bulbworks.com

Stocker & Yale

13524	4W BLACK LIGHT BLUE	BW.F4T5.BLB	-
20094142	21V,150W MR16 GX5.3 BASE HIGH COLOR	BW.EKE-HC *	1
973-365	RING FLUORESCENT BLACK LIGHT	BW.TQ-BTL *	-
973-510A	RING FLUORESCENT	BW.FC72T5VW-285	-
973-510B	RING FLUORESCENT	BW.FC72T5VW-285	-

Many Other Stocker & Yale Lamp Types In Stock. Please Call or Visit www.bulbworks.com

Lamp Cross Reference Guide (For Pricing, See Separate Pricing Sheet)

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<u>Lamp Number</u>	<u>Description</u>	<u>Bulbworks Number</u>	<u>Fig.</u>
Swift Lamp Types			
800-001 LED	LED LIGHT ASSEMB. FOR NATIONAL & SWIFT	BW.800-001 *	-
800-411	12V,10W DC BAYONET BASE	BW.800-411	-
FMA117	2.2V,3A FOR SWIFT FM41 & MT960	BW.FMA117 *	-
MA9	120V,15W FOR SWIFT MA5	BW.MA9 *	-
MA100	6V,3A DC BAYONET	BW.MA100 (Delisted)	53
MA2201	115-120V,20W DC BAYONET	BW.MA2201 *	51
MA2202	5W COMPACT FLUOR.4100 DEG.K.	BW.CF5DS.841	143
MA2202F	5W COMPACT FLUOR.4100 DEG.K.	BW.CF5DS.841	143
MA2614	12V,5W TUBULAR FESTOON	BW.6418	99
MA2619	12V,10W TUBULAR FESTOON	BW.6461	99
MA2625	12V,10W MINIATURE BAYONET BASE	BW.800-421	61
MA402	6.5V,2.75A S8 DC BAYONET BASE	BW.1493	55
MA570	120V,15W DC BAYONET BASE	BW.MA570 *	-
MA573	12V,1.5A DC BAYONET	BW.MA573 *	46
MA588	12V,1.8A G9 DC BAYONET	BW.MA588	-
MA722 IMPORT BRAND	120V,30W IMPORT BRAND	BW.MA722 *	51
MA723	6V,1A DC BAYONET	BW.MA723 * (Delisted)	46
MA725	120V,10W DC BAYONET BASE	BW.MA725 *	-
MA736	120V,20W DC BAYONET 1/2SILV.,1/2FROST.	BW.MA736 *	52

Import Brand

MA737	6V,18W DC BAYONET ½ SILVERED	BW.MA737 *	52
MA738	6V,30W DC BAYONET BASE	BW.MA738 *	46
MA738P	6V,30W WITH PREFOCUSED FLANGE	BW.MA738P	-
MA760	6.5V,2.75A DC PREF.FLANGE BASE	BW.1460	83
MA780	6V,20W T3 G4 BASE	BW.ESB	10
MA781	12V,20W T3 G4 BASE	BW.64425	8
MA782	12V,100W T3 GY6.35 BASE	BW.FCR	7
MA784	12V,50W T4 G6.35 BASE	BW.BRL	7
MA785	50W MERCURY LAMP 39-45V AC	BW.HBO50W.L1	150
MA788A	7W 80MM RING FLUORESCENT	BW.FCB80D	141
MA788CBLB	10W 92MM RING FLUORESCENT	BW.FCB92WW	141
MA794	10.8V,30W MR16 GX5.3 BASE	BW.EKZ	1
MA8816	6V,3A DC BAYONET	BW.MA8816 *	46
MA885	200W MERCURY SCREW ENDS	BW.USH200DP	151
MA887	6V,3A DC BAYONET	BW.MA887 *	51
MA986	12V,10W 9MM MINI SCREW BASE	BW.MA986 *	35
MA987	12V LAMP FOR SWIFT DUO-MASTER	BW.MA987	-
MALF72	RING FLUOR.10W 4 PINS IN A ROW BASE	BW.FL150	138
MZ823BLB	6V,10W T3 G4 BASE AXIAL FILAMENT	BW.10T3QLPCL6V *	9

Many Other Swift Lamp Types Are Available. Please Call or Visit www.bulbworks.com

Tiyoda Lamp Types

904-080-105 (For Tiyoda)	8V,5A R1 WITH TABS - TUBULAR SHAPE	BW.904-080-105 (Delisted) *	110
904-080-120 (For Tiyoda)	8V,5A WITH TABS - PEAR SHAPE	BW.904-080-120 *	111

Many Other Tiyoda Lamp Types Are Available. Please Call or Visit www.bulbworks.com

Topcon Lamp Types

on Lamp Types Are Available. Please Call or Visit www.bulbworks.com			
10080	6V,2.4W E10 SCREW FOR TOPCON	BW.10080 *	-
10550	6V,15-18W DC BAYONET BASE	BW.76907 *	53
11530	6V,15W FOR TOPCON SC BAY. BASE	BW.11530 *	161
12230	6V,5W DC BAYONET FOR TOPCON	BW.12230 *	-
18200	6V,33W SPEC.PREF.BASE FOR TOPCON	BW.18200	-
20030	12V,30W G6.35 BASE FOR TOPCON	BW.20030	8
24400	6V,15W FOR TOPCON	BW.24400 *	113
25500	6V,33W FOR TOPCON	BW.40300-25500	-
40310-25600	6V,27W GLOBULAR 9 HOLE SCREW BASE	BW.1008	134
40340-20700	6V,20W SPEC. G4 BASE FOR TOPCON	BW.44740-20400	-
40350-42110	6V,20MA G4 BI-PIN FOR TOPCON	BW.7628	94
40535-40200	12V,10W FOR TOPCON MAIN BULB	BW.40535-40200	-
40770	6V,.2A FOR TOPCON	BW.40770 *	-
41107-32700	6V,33W PREF.E14 SCREW BASE	BW.41107-32700	-
41107-50130	15V,150W MR16 GZ6.35 BASE	BW.EFR	1
41366	6V,33W DC SPEC FLANGE FOR TOPCON SL1	BW.40300-25500	-
41500-30130	6V,10W T2 1/4 G4 BASE	BW.787 * (Delisted)	14
42025-51010	120V,20W MEDIUM SCREW BASE FROSTED	BW.15S11.102CF	-
42409-30060	7V,35W DC BAY. BASE FOR TOPCON	BW.42409-30060 *	55
42412-20400	12V,50W SPECIAL ROUND BASE W/ 2 PINS	BW.42412-20400	-
42426-31600	130V,50W T8 DC BAYONET BASE	BW.CAX-130V	45
43123-46140	12V,50W T4 G6.35 BASE	BW.BRL	7
44680-25700	12V,30W T3 SPECIAL 2 PIN BASE	BW.44680-25700	-

Unitron Lamp Types

15752	12V,100W GY6.35 BASE CLEAR	BW.JC12V-100W	8
15756	12.8V,0.94A SC BAYONET	BW.1003	-
15828	6V,20W 7388 BI-PIN	BW.ESB	10
15959	21V,150W MR16 GX7.9 BASE	BW.DNF	6
15960	21V,150W MR16 GX5.3 BASE	BW.EKE	1
15961	15V,150W MR16 GZ6.35 BASE	BW.EFR	1
16030	12V,100W GY6.35 CERAMIC SEAL	BW.FDX	19
16034	21V,150W MR16 GX5.3	BW.EJA	1
16049	12V,50W G6.35 BI PIN	BW.BRL	7
17106	12V,60W S11 SC BAYONET BASE	BW.OP2502*	62
17152	24V,275W T4 PLATINUM PINS	BW.FNT *	7
17556	4W, COOL WHITE FLUORESCENT	BW.F4T5.CW	148
64425AX	12V,20W T3 G4 BASE AXIAL FILAMENT	BW.64425AX	11

Unitron Lamp Types Continues on the Next Page

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<u>Lamp Number</u>	<u>Description</u>	<u>Bulbworks Number</u>	<u>Fig.</u>
Unitron Lamp Types - Continued from Previous Page			
EL-4B (15749)	10V,7W MINIATURE SCREW	BW.EL-4B *	-
EL-11 (15898)	6V,15W G4½ MINIATURE BAY	BW.EL-11 * (Discontinued)	61
EL-17	3V,0.45W LENS END FOR UNIPAK	BW.EL-17 *	-
EL-25F (15751)	8V,24W DC BAYONET FROSTED	BW.EL-25F *	-
EL-30 (15754)	117V,30W DC BAYONET	BW.EL-30 *	46
EL-38 (15762)	8V,15W MINIATURE BAYONET	BW.EL-38 *	61
EL-RKL (15791)	8V,40W	BW.904-080-120 *	111
EL-XN (15761)	150W XENON OZONE FREE	BW.XBO150W1.OFR	146
FCS	24V,150W T4 G6.35 BASE	BW.FCS	7
JC6V-20W	6V,20W T3 G4 BASE	BW.JC6V-20W	10

Many Other Unitron Lamp Types Are Available. Please Call or Visit www.bulbworks.com

Welch Allv'n & Equivalent Lamp Types (All Bulbworks numbers labeled with WA are Welch Allv'n Brand)

M21E001	60V,21W MR11 METAL HALIDE SPOT	BW.M21E001	137a
M21E001	60V,21W MR11 METAL HALIDE SPOT	BW.M21E001-IMP	137a
M21E031	55V,21W METAL HALIDE MEDICAL SPOT	BW.M21E031	137a
WA00110	2.5V VACUUM	BW.WA04700	-

WA00200	2.5V VACUUM	BW.WA00200 *	118
00200 (Generic)	2.5V VACUUM	BW.00200	118
WA00600	2.5V VACUUM	BW.WA00600 *	-
WA00900	2.5V VACUUM	BW.WA00900 *	120
WA01000	2.5V VACUUM	BW.WA01000 *	-
01110	6V,10W T2 ¼ G4 BASE	BW.787 * (Delisted)	14
01111	6V,3.33A T2 ¼ G4 BASE	BW.788 * (Delisted)	14
01115	12V,14W T2 1/4 G4 BASE	BW.789 * (Delisted)	14
01300	2.25V,.25A MINIATURE SCREW LENS END	BW.222	39
WA01800	2.5V VACUUM	BW.WA01800 (Delisted) *	120
WA01800	2.5V VACUUM	BW.01800	120
02000	7V,.63A G6 DC BAYONET BASE	BW.64	53
WA02200	2.5V VACUUM	BW.WA02200 *	-
WA02300	2.5V VACUUM	BW.WA02300 *	-
02500	5.8V,1.10A, MINIATURE SCREW	BW.157	35
WA02600	6V HALOGEN	BW.WA02600 *	-
WA03000	3.5V HALOGEN	BW.WA03000 *	122
03000 (Generic)	3.5V HALOGEN	BW.03000	122
WA03100	3.5V HALOGEN	BW.WA03100 *	118
03100 (Generic)	3.5V HALOGEN	BW.03100	118
03300 (Generic)	2.5V HALOGEN	BW.03300	-
WA03400	2.5V HALOGEN	BW.WA03400 *	119
03400 (Generic)	2.5V HALOGEN	BW.03400	119
WA03600	2.5V VACUUM	BW.WA03600 *	39
WA03700	3.5V HALOGEN	BW.WA03700	120
03700 (Generic)	3.5V HALOGEN	BW.03700	120
WA03800	2.5V HALOGEN	BW.WA03800	-
03800 (Generic)	2.5V HALOGEN	BW.03800	-
WA03900	2.5V HALOGEN	BW.WA03900 *	-
03900 (Generic)	2.5V HALOGEN	BW.03900 *	-
WA04000	6V VACUUM LAMP	BW.WA07800	-
WA04000	6V VACUUM LAMP	BW.07800	-
04050	21V,150W MR16 GX5.3 BASE	BW.EJA	1
WA04100	14.5V HALOGEN	BW.WA04100 *	121
04100 (Generic)	14.5V HALOGEN	BW.04100	121
04200	12V,35W MR16 GX 5.3 BASE	BW.EPN	1
WA04300	2.5V HALOGEN	BW.WA04300 (Delisted) *	-
WA04400	2.5V HALOGEN	BW.WA04400 *	-
04400 (Generic)	2.5V HALOGEN	BW.04400	-
WA04500	3.5V HALOGEN	BW.WA04500 *	133
04500 (Generic)	3.5V HALOGEN	BW.04500	133
04600 (Generic)	2.5V HALOGEN	BW.04600	-
WA04700	2.5V VACUUM	BW.WA04700 (Clear)	-
04700 (Generic)	2.5V VACUUM	BW.04700	-
04700F (Generic)	2.5V VACUUM	BW.04700F (Frosted)	-
WA04800	2.5V VACUUM	BW.WA04800 (Clear) *	-
04800 (Generic)	2.5V VACUUM	BW.04800 (Clear)	-
WA04900	3.5V HALOGEN	BW.WA04900 *	-
04900 (Generic)	3.5V HALOGEN	BW.04900	-
06000 (Generic)	3.5V HALOGEN	BW.06000	118
WA06100	14.5V HALOGEN	BW.WA06100 *	121
06100 (Generic)	14.5V HALOGEN	BW.06100	121
06200 (Generic)	3.5V HALOGEN	BW.06200	-
06300	12V,20W T3 G4 BASE AXIAL FILAMENT	BW.64425AX	11
06400	12V,20W MR16 GU5.3 BASE	BW.ESX	1
WA06500	3.5V HALOGEN	BW.WA06500	-
WA06500	3.5V HALOGEN	BW.06500 *	-
WA07200	2.5V HALOGEN	BW.WA07200 *	-
WA07800	6V VACUUM	BW.WA07800 *	-
07800 (Generic)	6V VACUUM	BW.07800	-
WA08100	12V,20W T3 G4 BASE	BW.64425	8
WA08200	3.5V HALOGEN	BW.WA08200 *	-
08200 (Generic)	3.5V HALOGEN	BW.08200	-
08300 (Generic)	3.5V HALOGEN	BW.08300	-
WA08500	FOR WELCH ALLYN HEADLIGHT	BW.WA08500	-
WA08500	FOR WELCH ALLYN HEADLIGHT	BW.08500	-
WA08800	4.6V HALOGEN FOR VAG.ILLUMINATOR	BW.WA08800	-

Welch Allyn Lamp Types Are Continued On The Next Page!

Lamp Cross Reference Guide (For Pricing, See Separate Pricing Sheet)

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<u>Lamp Number</u>	<u>Description</u>	<u>Bulbworks Number</u>	<u>Fig.</u>
Welch Allyn & Equivalent Lamp Types - Continued From Previous Page			
08800 (Generic)	4.6V HALOGEN FOR VAG.ILLUMINATOR	BW.08800	-
WA09500	24W SURGICAL HEADLIGHT	BW.WA09500 *	-
WA09500	24W SURGICAL HEADLIGHT	BW.09500	-
WA09500	24W SURGICAL HEADLIGHT	BW.09500-USH	-
WA09800	21W METAL HALIDE FOR DA-400 & MORE	BW.WA09800	-
WA72000	2.5V RECHARGEABLE BATTERY	BW.WA72000	-
77800	2.47V,0.30A MINIATURE SCREW	BW.14	36
Many Other Welch Allyn Lamp Types Are Available. Please Call or Visit www.bulbworks.com			
Wild Lamp Types			
000-113	200W MERCURY	BW.HBO200W.2.L1 *	151
166-324	6V,15W T6 DC BAYONET BASE	BW.8018	46
166-354	200W MERCURY	BW.HBO200W.2.L1 *	151

166-355	150W XENON	BW.XBO150W.1	151
177-160	6V,15W WITH PREFOCUSED COLLAR	BW.OQ-70249B (Delisted) *	105
193-049	12V,100W T3 GY6.35 BASE	BW.FCR	7
313-443	12V,20W T3 G4 BASE	BW.64425	8
362-658	6V,20W T3 G4 BASE	BW.ESB	10
384-643	12V,50W MODIFIED FOR WILD	BW.384-643	117
997-053	15V,150W MR16 GZ6.35 BASE	BW.EFR	1

Many Other Wild Lamp Types Are Available. Please Call or Visit www.bulbworks.com

Woodlyn Lamp Types

15S11.14	120V,15W S11 CLEAR CANDELABRA BASE	BW.15S11.14	30
451201	12V,20W REMOVABLE BULB & BASE	BW.451201 *	-
45470	6V,30W SINGLE CONT.PREF.BASE	BW.45470	-
45570	6V,20W SPEC. G4 BASE FOR TOPCON	BW.44740-20400	-

Many Other Woodlyn Types Are Available. Please Call or Visit www.bulbworks.com

Zeiss Lamp Types

000000-0402-943	6V,30W PREF.SPECIAL BASE	BW.55168	135
000000-0425-360	12V,35W MR16 GU5.3 BASE	BW.48865SP	1
000000-234-793	12V,35W WITH PREFOCUSED BASE	BW.55171 *	135
105.817	6V,10W PREFOCUSED BASE	BW.105.817	135
105.908	12V,100W PREFOCUSED BASE	BW.105.908	136
3049-53-9030	14V,300W CERMAX LAMP	BW.908506F	-
31-10-32	15V,175W CERAMIC XENON	BW.VAC175-F-C	-
38-00-69	12V,100W T3 GY6.35 BASE	BW.FCR	7
38-01-68	6V,10W T3 G4 BASE	BW.5972-IMP	10
38-01-76	6V,15 WITH SLOTTED RING	BW.OQ-76Z	104
38-01-77	6V,15W PREFOCUSED BASE	BW.OQ-77Z *	102
38-01-79	6V,15W DC BAYONET BASE	BW.8017 *	46
38-02-16	12V,60W DC BAYONET BASE	BW.OQ-348	74
38-04-16	125-130V,15W PEAR E14 BASE	BW.15PCL.E14	27
38-04-16	125-130V,25W PEAR E14 BASE	BW.25PCL.E14	27
38-15-23	450W XENON OZONE FREE	BW.XBO450W.OFR	-
38-16-02	75W XENON	BW.XBO75W.2	147
38-16-13	100W MERCURY	BW.HBO100W.2	145
38-16-15	200W MERCURY 61 +- 6 VOLTS AC	BW.HBO200W.4	151
38-16-17	150W XENON	BW.XBO150W.1	151
38-16-17	150W XENON OZONE FREE	BW.XBO150W1.OFR	151
38-16-19	50W MERCURY 39-45V AC	BW.HBO50W.L1	150
38-16-19	AC34-39V,50W	BW.HBO50W.L2	150
38-16-23	450W XENON OZONE FREE	BW.XBO450W.OFR	-
38-49-53	14V,300W CERAMIC XENON	BW.VAC300-F-C5	-
38-61-03	6V,5W E10 SCREW BASE	BW.5021	34
38-61-07	12V THREADED BASE FIXATION	BW.38-61-07 *	-
38-61-08	6V,10W T3 G4 BASE	BW.5972-IMP	10
38-61-08	6V,10W T3 1/2 G4 BASE	BW.64223	10
3800-18-1730	6V,15W WITH SLOTTED RING	BW.OQ-76Z *	104
3800-18-1730D	6V,15W WITH SLOTTED RING	BW.OQ-76Z *	104
3800-18-1739D	6V,15W WITH SLOTTED RING	BW.OQ-76Z *	104
3800-18-1740	6V,15W WITH PREFOCUSED BASE	BW.OQ-77Z	102
3800-18-1830	125-130V,15W PEAR E14 BASE	BW.15PCL.E14	27
3800-18-1830	125-130V,25W PEAR E14 BASE	BW.25PCL.E14	27
3800-18-2280	6V,30W T11 BA20D WIRE LEAD LAMP	BW.3800-18-2280	-
3800-18-2520	12V,60W DC BAYONET BASE	BW.OQ-348	74
3800-18-3980D	450W XENON OZONE FREE	BW.XBO450W.OFR	-
3800-18-4050	100W MERCURY	BW.HBO100W.2	146
3800-18-4060D	100W MERCURY	BW.HBO100W.2	146
3800-18-4070D	200W MERCURY 61 +- 6 VOLTS AC	BW.HBO200W.4	151
3800-18-6900	250W XENON OZONE FREE	BW.XBO250W.OFR	-
3800-29-7180D-Older/Earli	6V,5W E10 SCREW BASE	BW.5021	34
3800-29-7180D-Newer/Late	6V,10W T3 G4 BASE	BW.5972-IMP	10
3800-29-7290	12V,40W BA20D BASE	BW.8024	-
3800-29-9010	6V,15W WITH PREFOCUSED BASE	BW.OQ-77Z	102
3800-29-9020	6V,15W T6 DC BAYONET BASE	BW.8018	46
3800-29-9020D	6V,15W DC BAYONET BASE	BW.8017 *	46
3800-35-0230	4W FLUORESCENT DAYLIGHT	BW.F4T5.D	148
3800-39-8740D	75W XENON	BW.XBO75W.2	147
3800-44-7390D	150W XENON	BW.XBO150W.1	151
3800-53-2580	4W FLUORESCENT DAYLIGHT	BW.F4T5.D	148
3800-59-1660	12V,100W T3 GY6.35 BASE	BW.FCR	7

Zeiss Lamp Types Are Continued On The Next Page!

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<u>Lamp Number</u>	<u>Description</u>	<u>Bulbworks Number</u>	<u>Fig.</u>
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3800-75-1020	12V,100W PG22 BASE	BW.EHE	-
3800-78-0030	6V,10W T3 G4 BASE	BW.ESA	10
3800-79-9030	12V,75W MR16 GZ6.35 BASE	BW.EFN	1
3800-79-9040	12V,100W MR16 GZ6.35 BASE	BW.EFP	1
3800-79-9240	22.8V,50W T3 1/2 G6.35 BASE	BW.64650	9
3800-79-9540	12V,100W T3 1/2 GY6.35 BASE	BW.EVA	7
3800-79-9550	12V,50W T3 GY6.35 BASE AXIAL FIL.	BW.64440AX	8
3801-20-1740	12V,30W PG22 2 PIN BASE	BW.64260	-
3801-20-1740D	6V,20W T3 G4 BASE	BW.ESB	10
3801-20-7030	6V,20W T3 G4 BASE	BW.ESB	10
3801-20-7030D	6V,10W PG22 2 PIN BASE	BW.64222	-

3801-20-7040D	12V,30W PG22 2 PIN BASE	BW.64260	-
3803-01-9350	DC100W LONG LIFE 300 HRS.AVERG. LIFE	BW.HBO103W.2	147
39-01-53	6V,25W TRIANGULAR FLANGE BASE	BW.OQ-53Z	112
39-01-58	6V,30W TRIANGULAR FLANGE BASE	BW.OQ-58Z	112
39-01-72	6V,5W SPEC.TRIANGULAR FLANGE BASE	BW.OQ-72Z *	115
39-01-86	6V,50W SPECIAL FLANGE BASE	BW.OQ-86Z *	112
39-01-98	15V,150W MR16 GZ6.35 BASE	BW.EFR	1
39-04-13	110V,50W SPECIAL BASE	BW.39-04-13 *	-
41-70-30-9001	6V,25W (55147) PREFOCUSED	BW.105.859	135
5761	6V,30W G4 BASE	BW.5761	8
64255	8V,20W MR11 G4 BASE	BW.64255	1
688.01	12V,100W WITH PREF.FLANGE BASE	BW.688.01	136
688.05	12V,50W WITH PREF.FLANGE BASE	BW.688.05 *	136
688.61	6V,5W GLOBULAR THREADED BASE	BW.688.61 *	116
8022	12V,50W S11 BA20D BASE	BW.8022	74
90-85-11F	175W XENON LAMP FOR ZEISS	BW.908511F	-
91-00-50	200W MERCURY	BW.HBO200W.2.L1 *	151
91-01-42	75W XENON	BW.XBO75W.2	147
91-01-43	DC 50W	BW.HBO50W.3	150
91-01-54	6V,10W T3 G4 BASE	BW.6605	10
91-01-54	6V,10W T3 G4 BASE	BW.10T3QLPCL6V *	11
91-01-54	6V,10W T3 G4 BASE	BW.JC6V-10W	10
91-01-54	6V,10W T3 G4 BASE	BW.JC6V-10WH3 *	10
99-70-07	21V,150W MR16 GX5.3 BASE	BW.EKE	1
OQ-58Z-SC	6V,30W SINGLE CON. TRI. PREF.BASE	BW.OQ-58Z-SC *	112
UXR300BU	14V,300W CERAMIC XENON	BW.UXR300BU	-
XBOR180W45OF	14V,180W XENON OZONE FREE	BW.XBOR180W45OF	-

Many Other Zeiss Lamp Types Are Available. Please Call or Visit www.bulbworks.com

Miscellaneous Popular Lamp Types For Microscopes, Medical, Ophthalmic Instruments & Others

ADJ120V-300W	120V,300W T5 GX6.35 BASE	BW.ADJ120V-300W *	7
GOWLANDS	FOR BO GOWLANDS #3900	BW.GOWLANDS *	118
MB84117 (Mettler Balance)	6V,5W DC BAYONET	BW.MB84117 *	50
RJ2012SP	12V,20W AR48 GY4 2 PIN BASE	BW.41900SP	132
RN13050-USH	130V,50W HALOGEN CAX REPLACEMT.	BW.RN13050-USH	44
YNZM24V-150W	24V, 150W MR16 F26.35 BASE	BW.YNZM24V-150W	1
10-1897 (Chinese Import Sc	6V,20W BI-PIN LONG PINS	BW.021-00298 *	-
112-B007P01	6.3V,25.2W (4A) S11 P30S BASE	BW.112-B007P01	-
112-B013P01	6.1V,25W (4A) S11 P30S BASE	BW.112-B013P01	-
11698	6V,1.4A SC BAYONET FOR METTLER	BW.DF841002	63
12S893T	12V,12W SC BAYONET	BW.12S893T	-
12V,20W (Kowa Slit Lamp	12V,20W TUBULAR FEST.13X36MM	BW.12V20W	99
200-727 (Mitutoyo)	12V,100W MED.PREFOCUSED BASE	BW.200-727 *	85
201-131 (Mitutoyo)	12V,150W SC PREFOCUSED BASE	BW.201-131 *	85
21237	12V,80W MR11 G5.3-4.8 BASE	BW.21237	4
247-008 (Batu GedeMaster)	15V,2W E10 MINI SCREW BASE	BW.247-008 *	36
33-33-07	6.7V, 10W 2 PCK FOR SPECTRONIC	BW.33-33-07 *	-
3367-5267	10V,52W MR11 GZ4 BASE	BW.3367-5267	2
510-250	6V,4.5A SPECIAL PREF. BASE	BW.510-250	-
644751	10V,52W MR11 GZ4 BASE	BW.3367-5267	2
6V2A (Colposcope Lamp)	6V,2A PREFOCUSED FLANGE BASE	BW.6V2A *	114
80A	60V,7W KERATOMETER FLUOR. RING	BW.80A *	-
9V2A (Colposcope Lamp)	9V,2A PREFOCUSED FLANGE BASE	BW.9V2A *	114
900-930	6V,4.5A S11 9 HOLE BASE	BW.HS366	134

Ushio Brand

Call For Any Lamp For Any Make Or Model Of Equipment Not Listed or Visit www.bulbworks.com!



LED And Fluorescent Microscope Illuminators



BW.HX-1
(Fluorescent)

110V, 8W, Daylight, 6400 Degrees K, Ring Shape, Fluorescent Ring Light Assembly For Microscopes, Self Contained Unit Includes Bulb, Power Supply And Connecting Cable, Maximum Connecting Caliber Is 60mm, Includes 1 Additional Bulb Uses Replacement Bulb BW.92ADL

Call For Price



BW.HX-2
(Fluorescent)

The Fluorescent Version Of This Item BW.HX-2 Has Been Discontinued. The Nearest Replacement Is The LED Version BW.HXD-7. Replacement Fluorescent Bulbs For HX-2 Remain Available As Our Part Number BW.FCB92D.

Discontinued
See BW.HXD-7



BW.HX-4
(Fluorescent)

120V, 8W, Daylight, 6400 Degrees K, Ring Shape, Fluorescent Ring Light For Microscopes, Self Contained Unit Includes Bulb, Power Supply, Switch And Connecting Cable, Maximum Connecting Caliber Is 55mm Uses Replacement Bulb BW.FCB80A

Call For Price



BW.HXD-1
(LED)

120V, 6W, Daylight, 6000 Degrees K, Ring Shape, LED Ring Light For Microscopes, 60 LEDs, 96-265 VAC, Dimmable, Includes Plastic Power Supply With Controller, Maximum Connecting Caliber Is 60mm, Lamp Head Is ABS Plastic And Aluminum

Call For Price



BW.HXD-2
(LED)

120V, 12W, 3200 Degrees K, Gooseneck Microscope Illuminator With Self Contained Power Supply, 2 Tubes, LED, 6W Per Tube, 300mm (11.8") Gooseneck Length, 92-220 VAC

Call For Price



BW.HXD-2B
(LED)

120V, 16W, Daylight, 6000 Degrees K, Gooseneck Microscope Illuminator With Self Contained Power Supply And Heavy Duty Metal Base, 500mm (19.7") Gooseneck Length, Dual Head, LED, Each Head 8 Watts, Dimmable, 50-60 HZ, 85-265 VAC

Call For Price



BW.HXD-3
(LED)

120V, 6W, Daylight, 6000 Degrees K, Ring Shape, Ring Light For Microscope, Includes Ring Light, Heavy Duty Metal Power Supply With Controller And Connector, 60 LEDs (6 Watt), Dimmable, 96-220 VAC, Maximum Connecting Caliber Is 60mm, Lamp Head Is Sturdy Plastic And Metal

Call For Price



BW.HXD-5
(LED)

120V, 6W, Daylight, 6000 Degrees K, Ring Shape, Ring Light For Microscope, 60 LEDs (6 Watt), 96-220 VAC, Dimmable, Maximum Connecting Caliber Is 60mm, Plastic Power Supply Case, Lamp Head Is Durable Plastic And Aluminum

Call For Price



BW.HXD-6
(LED)

12W, Daylight, 6000 Degrees K, Ring Shape, Heavy Duty Ring Light For Microscope, Multi Level Lighting With Up To 12 Watts (80 LEDs), 5 Levels Of Lighting Intensity – Full or Additional Sub Area Lighting 1/2, 1/4, 1/8, Maximum Connecting Caliber Is 60mm, Heavy Duty Power Supply and Lamp Head

Call For Price



BW.HXD-7
(LED)

120V, 6W, Daylight, 6000 Degrees K, Ring Shape, Ring Light For Microscope, Self Contained Unit Includes Power Supply, Switch and Ring Light, Dimmable, Maximum Connecting Caliber Is 60mm, Durable Plastic Housing

Call For Price



BW.HXD-9
(LED)

120V, 16W, Gooseneck Microscope Illuminator For Mounting Directly On Scope, Including Mounting Brackets, Dual LED Light Heads Each 3-8 Watts, Dimmable, 590mm (23.2") Gooseneck Length, 50-60 HZ, 85-265 VAC

Call For Price



BW.HXP-295
(LED)

120V, 4W, Circular Shape, LED Stage Illuminator For Microscope, 95mm Diameter x 4.88mm Thick, 4 Watt Assembly Includes Power Supply And Connector, **Light Is For Bottom Lighting, Provides Transmitted Light, Dimmable, 90-265 VAC**

Call For Price



BW.92ADL
(Fluorescent)

8 Watt Replacement Lamp for HX-1 Microscope Illuminator

Call For Price



BW.FCB92D
(Fluorescent)

10 Watt Replacement Lamp for HX-2 Microscope Illuminator

Call For Price



BW.FCB80A
(Fluorescent)

8 Watt Replacement Lamp for HX-4 Microscope Illuminator

Call For Price

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 Socket Illustrations May Represent A Variety Of Different Sockets



Fig. A



Fig. B



Fig. C



Fig. D



Fig. E



Fig. F



Fig. G



Fig. H



Fig. I



Fig. J



Fig. K



Fig. L



Fig. M



Fig. N



Fig. O



Fig. P



Fig. Q



Fig. R



Fig. S



Fig. T



Fig. U



Fig. V



Fig. W



Fig. X



Fig. Y



Fig. Z



Fig. AA



Fig. BB

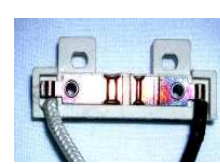


Fig. CC



Fig. DD



Fig. EE



Fig. FF



Fig. GG



Fig. HH



Fig. II



Fig. JJ



Fig. KK



Fig. LL

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