

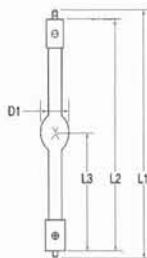
Short Arc Mercury

SPECIFICATIONS

LAMP DESCRIPTION
ORDERING CODE

USH-102DH **MERCURY BURNER**
5000274

Rated Power	100W
Rated Current	5A
Rated Voltage	20V
Total Lumens	2200lm
Cold Arc Gap	0.5mm
Average Life	200h
Burn Position	V±90°

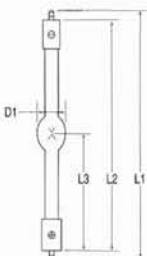


Length (L1)	90.0mm
Length (L2)	80.0mm
Length (L3)	43.0mm
Diameter (D1)	10.0mm

MICROSCOPE – Illuminator
AO-Reichert: M5000/133
Leica: 2087-001
Leitz: 3040-0380, 500-138 LH100Z, LH102Z
Nikon: 5554-0102, 8229, 78589
Osram: HBO100W/2
Zeiss: 3800-18-4060, 3800-18-4060D (formerly 38-16-13) Multipurpose 100W, 250W Lamphouse

USH-107D **MERCURY BURNER**
5000275

Rated Power	100W
Rated Current	5A
Rated Voltage	20V
Total Lumens	2200lm
Cold Arc Gap	0.5mm
Average Life	200h
Burn Position	V±15°

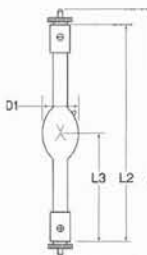


Length (L1)	90.0mm
Length (L2)	80.0mm
Length (L3)	43.0mm
Diameter (D1)	10.0mm

MEDICAL – Diagnostic & Analytical
— Blood Analyzer
Becton-Dickinson: 51-30012-00 FACS

USH-200DP **MERCURY BURNER**
5000276

Rated Power	200W
Rated Current	3.5A
Rated Voltage	57V
Total Lumens	10000lm
Cold Arc Gap	2.5mm
Average Life	1000h
Burn Position	V±45°



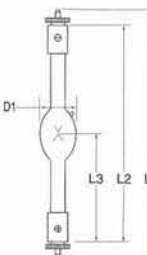
Length (L1)	128.0mm
Length (L2)	100.0mm
Length (L3)	41.0mm
Diameter (D1)	16.0mm

MICROSCOPE – Illuminator
AO-Reichert: 649, 860014
Bausch & Lomb: 31-01-01
Leitz: 050-320 LH250, 500-016 LH250AC, 505-620 LH250DC
Nikon: 78580 Epi Fluorescence Fluophot, Apophot, 78590 FL200, FT200
Olympus: 8-B190 A-FL/ARFL, A-1FLM, AH-2 RFL
Osram: HBO200W/2TM L1 or L2
Swift: MA885 Fluoromaster (predating '79)
Zeiss: 3800-18-4070 (formerly 38-16-15), 91-00-50 Multi-purpose 250W Lamphouse

metric thread pins

USH-205DP **MERCURY BURNER**
5000277

Rated Power	200W
Rated Current	3.5A
Rated Voltage	57V
Total Lumens	10000lm
Cold Arc Gap	2.5mm
Average Life	1000h
Burn Position	V±45°



Length (L1)	128.0mm
Length (L2)	100.0mm
Length (L3)	41.0mm
Diameter (D1)	16.0mm

MACHINE VISION – Optical Comparator
Optical Gauging
Osram: HBO200W/2 L1 or L2

SPECIFICATIONS
LAMP DESCRIPTION
ORDERING CODE

Short Arc Mercury

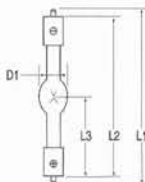
hi-Tech lamps

800-229-6509

info@hi-techlamps.com

USH-50AC1 **MERCURY BURNER**
5000487

Rated Power	50W
Rated Current	1.3A
Rated Voltage	39-45V
Total Lumens	2000lm
Cold Arc Gap	1.0mm
Average Life	100h
Burn Position	V±45°

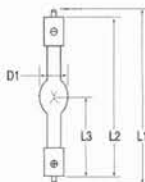


Length (L1)	53.0mm
Length (L2)	45.0mm
Length (L3)	22.5mm
Diameter (D1)	9.0mm

MICROSCOPE – Illuminator
AO-Reichert: 2055
Jena/Narva: 682.501
Leitz: 3040-0090, 500-137 LH100Z, LH102Z
Nikon: 78564 Epi Fluorescence Optiphot & Labophot
Olympus: 8-B193 BH-LSF
Osram: HBO500W/AC L1
Vickers: 414140
Zeiss: 38-16-19 100W Lamphouse

USH-50AC2 **MERCURY BURNER**
5000857

Rated Power	50W
Rated Current	1.46A
Rated Voltage	34-39V
Total Lumens	2000lm
Cold Arc Gap	1.0mm
Average Life	100h
Burn Position	V±45°

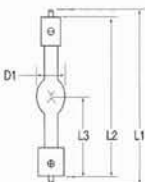


Length (L1)	53.0mm
Length (L2)	45.0mm
Length (L3)	22.5mm
Diameter (D1)	9.0mm

MICROSCOPE – Illuminator
Bausch & Lomb: 31-31-65 Balpan 31-32-56
Osram: HBO500W/AC L2

USH-50DC **MERCURY BURNER**
5000488

Rated Power	50W
Rated Current	2.3A
Rated Voltage	23V
Total Lumens	1300lm
Cold Arc Gap	0.35mm
Average Life	200h
Burn Position	V±45°

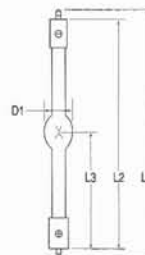


Length (L1)	53.0mm
Length (L2)	45.0mm
Length (L3)	22.5mm
Diameter (D1)	9.0mm

MICROSCOPE - Illuminator
Zeiss: 91-01-43 100W Lamphouse

USH-102D **MERCURY BURNER**
5000273

Rated Power	100W
Rated Current	5A
Rated Voltage	20V
Total Lumens	2200lm
Cold Arc Gap	0.5mm
Average Life	200h
Burn Position	V±15°



Length (L1)	90.0mm
Length (L2)	80.0mm
Length (L3)	43.0mm
Diameter (D1)	10.0mm

MICROSCOPE – Illuminator
Olympus: 8-B192 BH-RFL, BH2-RFL, IMT2-RFL
Zeiss: 910881-2000, 910849-1045

SCIENTIFIC – Diagnostic & Measurement
— Oscillograph Recorder
Bell & Howell: 154224
Honeywell