光源
Light Source

Spectral Products

ASBN-W 高功率鹵素光源
High Power Tungsten - Halogen Light Sources Series



Features

- Provides optimal illumination to monochromators
- Offers excellent color temperature stability
- Features adjustable constant current power supply
- Contains focusable fused silica lens and UV protected Al coated mirror assembly

Lamp Specifications

Power input	Light Output	Color Temp	Life Time	Filament size
50W	900 lumens	3,000 °K	2,000 hours	4.2mm x 2.5mm
75W	1,400 lumens	3,000 °K	2,000 hours	5.0mm x 1.6mm
100W-H	3,000 lumens	3,400 °K	50 hours	5.3mm x 3.0mm
100W-L	2,000 lumens	3,000 °K	2,000 hours	5.2mm x 2.3mm
150W	4,700 lumens	3,400 °K	50 hours	6.2mm x 3.1mm

Specifications

Housing	Air cooling fan with a regulated power supply. 1” UV grade focusable fused silica collection lens(f#/1.2), 1” UV protected Al coated mirror (f=12.5mm)
Dimension	8” x 10” x 5”
Power Input	Input Voltage: 85-264 VAC(110V/220V compatible)
Input Frequency	47-63 Hz
Inrush Current	30A/100V, 40A/200V
Over-voltage Protection	Clamp, 115-135%
Current Limit	105-150% typ, Self-reset Fold back
Safety	UL/TUV/CE
Oper. Temp.	0 to 50
Power Output	Type: constant current DC
VDC	12V(24V for 150W)
Max. Current	12.5A(8.4A for 150W)
Ripple/Noise(20MHz BW)	100mV Pk-Pk, typ.
Regulation	±0.5%, typ.
Warranty	One year
Option	
Spare lamp	ASBN-WB-050/075/100-H/100-L/150
Input power controller	ASBN-W-PT(including voltage indicator) Needed to be specify the fiber coupling or
Focusing lens set for monochtomator	collimated output ASBN-W-FL(1” UV fused silica lens)
Ordering information	
ASBN-W050(F/C)	50W High Power Tungsten-halogen
ASBN-W075(F/C)	75W High Power Tungsten-halogen
ASBN-W100(F/C)-(H/L)	100W High Power Tungsten-halogen
ASBN-W150(F/C)-(H/L)	150W High Power Tungsten-halogen

F: Fiber coupling C: Collimated H: High Color Temp. L: Low Color Temp.

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