

# Halogen Light Sources

## MHAA-100W Series

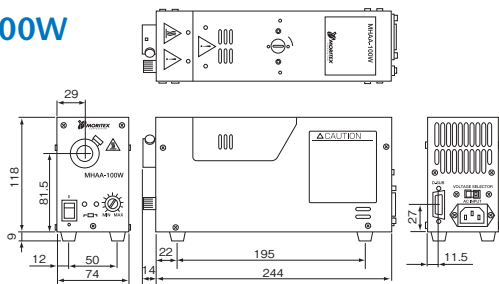


MHAA-100W Halogen Light Source is the standard model in the Halogen Light Source Series because it exhibits excellent performance in all aspects.

- Worldwide power supply specifications(100/200V switch type)
- Compliance with CE Marking safety standards
- Environmentally friendly and in compliance with the RoHS Directive



### MHAA-100W



Model	MHAA-100W	
Order Code	MHAA-100W-100V	★ MHAA-100W-200V
AC Type	100V	200V
Setting At Shipping	Input Voltage Selector: At 115 With 2.0-Meter AC Cable MC-AC 100A	Input Voltage Selector: At 230 With 2.0-Meter AC Cable MC-AC 200A
Input Voltage	AC100-120V/200-240V (50/60Hz)	
Input Voltage Switch <sup>1</sup>	Input At AC100: Setting At 115 Input At AC200: Setting At 230	
Input Current (Typ)	2.4A (At AC 100V Input) 1.2A(At AC 200V Input)	
Compatible Lamp <sup>2</sup>	LM-100 (12.0V,100W)	
Lamp Voltage	DC11.7V ±0.2V (Max.)	
Average of Lamp Life Time <sup>3</sup>	1,000 Hours Nominal	
Average Illuminance <sup>4</sup>	Approximately 30,000 lx	
Color Temperature	3,100K	
Installation	Rubber legs placed on a flat surface	
Weight	Approximately 2.0kg	
Protection Function	Lamp Overcurrent Detection Function: Monitor output, cut off lamp power, LED (RED) on front panel ON Lamp Burn-out Detection Function: Monitor output, LED (RED) on front panel ON Internal High Temperature Detecting Function: Monitor output, cut off lamp power	
Operating Temperature and Humidity	0°C to 45°C :Linear Decrease Down to 80%RH at 31°C and 50%RH at 40°C	
Safety and EMC Standard <sup>5</sup>	Safety Standard : IEC61010-1 EMC Standard : EN61000-6-2/EN55011	

### Special Power Supply Unit Specifications(AC100V Type)

Order code	Remarks
★ MHAA-100W-SO-100V	Built-in Shutter (Normally Open)
★ MHAA-100W-SC-100V	Built-in Shutter (Normally Close)
MHAA-100W-D-100V	With External 8-Bit Digital Dimmer
★ MHAA-100W-D-SO-100V	With External Digital Dimmer and Built-In Shutter (Normally Open)
★ MHAA-100W-D-SC-100V	With External Digital Dimmer and Built-In Shutter (Normally Close)

★Made-to-order products.

### Optional Parts

Cable with External Remote Connector	MC-EXC-02
External Remote Connector	D-SUB15S
Replacement lamp	LM-100

\*1 When the switch is set at 115V, do not apply AC 200V. Doing so may damage the power supply. When the input voltage selector is set at 230V, the device does not run on AC 100V.

\*2 Only compatible lamps can be used.

\*3 Many lamps are powered on at rated current and the time measurements until their filaments blow are normally distributed. The average time from the peak time until the survival ratio of 50% is called the average life time.

\*4 The average luminance is at 50mm from the fiber output at maximum volume when a SCHOTT MORITEX standard light guide (MSG4-2200S) is attached.

\*5 This is only when the voltage is -200V.

Note: May be unable to use with plastic fibers.