

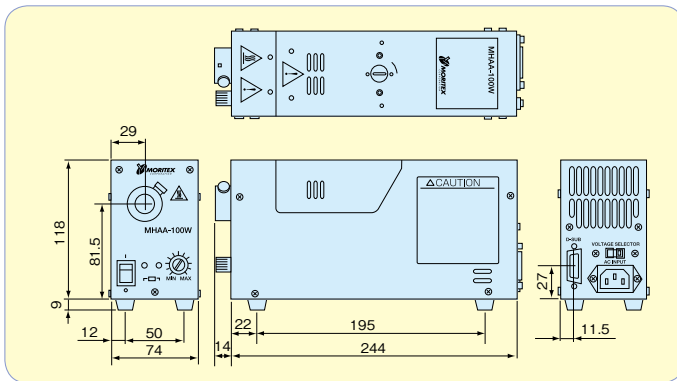
100W Series

MHAA-100W



The 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



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 ¹	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 ²	LM-100 (12.0V,100W)	
Lamp Voltage	DC11.7V ±0.2V (Max.)	
Average of Lamp Life Time ³	1,000 Hours Nominal	
Average Illuminance ⁴	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 Standard ⁵	EN61010:2001 EN61000-6-2:2001/EN55011:1998,A1:1999, A2:2002	
Product Code	A-0510	A-0516

OPTION	
<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 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. (See table on **PI-73**.)

Halogen Light Sources

Special Power Supply Unit Specifications (AC100V Type)					
Order Code	MHAA-100W-SO-100V	MHAA-100W-SC-100V	MHAA-100W-D-100V	★MHAA-100W-D-SO-100V	★MHAA-100W-D-SC-100V
Remarks	Built-in Shutter (Normally Open)	Built-in Shutter (Normally Open)	With External 8-Bit Digital Dimmer	With External Digital Dimmer and Built-In Shutter (Normally Open)	With External Digital Dimmer and Built-In Shutter (Normally Open)
Product Code	A-0512	A-0511	A-0513	A-0515	A-0514

★Made-to-order products.

*For detailed specifications, see **PI-82**.