

## TECHNICAL SPECIFICATIONS

Power Supply: 120VAC, 60 Hz	Maximum Ambient Temp.: 45 deg. C
Lamp: 575/750W	Maximum Housing Temp.: (steady state): 245 deg. C
Power Consumption: 590W/760W	Dimensions (L x W x H): 650 x 180 x 260mm
	Weight: 6kg

## INSTALLATION

During the installation DO NOT TOUCH THE GLASS BULB BARE HANDED! Please follow the lamp manufacturer's notes! Do not install lamps with higher wattage. Lamps with a higher wattage generate temperatures the device was not designed for. Damages caused by non-observance are not subject to warranty. During the operation, the lamp reaches temperatures of up to 800 degrees C. For the installation, you need a 120V/575W G9.5 lamp or 120V/750W G9.5 lamp.

### PROCEDURE:

1. Unscrew the knurled screw of the lamp housing.
2. Remove the lamp housing from the device.
3. If replacing the lamp, remove the old lamp from the socket.
4. Insert a 120V/575W G9.5 lamp or 120V/750W G9.5 lamp into the lamp socket.
5. **Do not operate device with opened lamp housing!** Reinstall the lamp housing.

## LAMP ADJUSTMENT

The lamp holder is aligned at the factory. Due to differences between lamps, fine adjustment may improve light performance. Strike the lamp, open the shutter and the iris, set the dimmer intensity onto 100% and focus the light on a flat surface (wall). Center the hot-spot (the brightest part of the beam) using the 3 adjustment screws **A, B, C**. Turn one screw at a time to drag the hot-spot diagonally across the projected image. If you cannot detect a hot-spot, pull the lamp in by turning all screws **A, B, C** clockwise ¼ turn, one at a time, until the light is evenly distributed. If the light is brighter around the edge than it is in the center, or if light output is low, the lamp is too far back in the reflector. Push the lamp out by turning the screws **A, B, C** counterclockwise ¼ turn, one at a time, until the light is bright and evenly distributed.

## FOCUSING

1. Loosen the focus button on the underside of the device.
2. Adjust the focus by sliding the lens housing forward or backward.
3. Tighten the focus button.

## POWER CONNECTIONS



**DANGER RISK OF ELECTRIC SHOCK**

**The electric connection must only be carried out by a qualified electrician!**

In order to connect the device to the mains, you have to install a power plug connector.

Wiring for the power cable connector is as follows:

The YELLOW/GREEN wire is a safety ground (EARTH). It is connected directly to the fixture case.

The two wires with WHITE SLEEVING are for the HOT (Power) and the NEUTRAL. They may be connected in either polarity since the lamp socket is isolated from all other parts.

**The earth has to be connected!** Connect the device to the mains with the power plug. If the device will be directly connected with the local power supply network, a disconnect switch with a minimum opening of 3mm at every pole has to be included in the permanent electrical installation.

**CLEANING AND MAINTENANCE**

The operator has to make sure that safety relating and machine technical installations are inspected by an expert after every four years in the course on an acceptance test. The operator has to make sure that safety relating and machine technical installations are inspected by a skilled person once a year.

The following points have to be considered during the inspection:

- 1) All screws used for installing the devices or parts of the device have to be tightly connected and must not be corroded.
- 2) There must not be any deformations on housings, fixations and installation spots (ceiling, suspension, trussing).
- 3) The electric power supply cables must not show any damages, material fatigue (e.g. porous cables) or sediments. Further instructions depending on the installation spot and usage have to be adhered to by a skilled installer and any safety problems have to be removed.

We recommend a frequent cleaning of the device. Please use a moist, lint free cloth. Never use alcohol or solvents! The objective lens will require weekly cleaning as smoke fluid tends to build up residues, reducing the light output very quickly. The venting slots should be cleaned monthly. The interior of the device should be cleaned at least annually using a vacuum cleaner or air jet. There are no serviceable parts inside the device except for the lamp. Maintenance and service operations are only to be carried out by authorized dealers. Please refer to the instructions under "Installing/Replacing the lamps". Should you need any spare parts, please use genuine parts. If the power supply cable of this device becomes damaged, it must be replaced by an authorized dealer only in order to avoid hazards. Should you have any further questions please contact your local dealer.

**BEAM SIZE**

10 Degree

Distance (ft)	80	90	100	110	120
Beam Diam.	12.8	14.4	16	17.6	19.2

19 Degree

Distance (ft)	40	50	60	70	80
Beam Diam.	10.8	13.5	16.2	18.9	21.6

26 Degree

Distance (ft)	30	40	50	60	70
Beam Diam.	9.9	13.2	16.5	19.8	23.1

36 Degree

Distance (ft)	10	20	30	40	50
Beam Diam.	4.5	9	13.5	18	22.5

50 Degree

Distance (ft)	10	20	30	40	50
Beam Diam.	5.7	11.4	13.5	22.8	28.5

**WARNING**  
**RISK OF FIRE****KEEP DRY**

This fixture is intended for **INDOOR USE ONLY**. Do not expose this fixture to moisture or rain. NEVER operate the fixture if it is wet.

**DO NOT OPERATE THIS FIXTURE WITHIN 3 FEET OF ANY FLAMMABLE MATERIALS**

This fixture can become extremely hot. This is especially true when operated with high wattage lamps and when operated over long time periods.

**DO NOT RESTRICT AIR**

This fixture must be installed so that air can freely circulate around all of its surfaces. Do not block any holes or ventilation areas.

**USE ONLY WITH SPECIFIED POWER TYPE**

Be sure the electrical power source matches the power requirements marked on the fixture.

**USE THE CORRECT LAMP**

This fixture can be used with multiple types of lamps. Be sure that the lamp is the correct type and does not exceed the maximum wattage marked on the fixture.

**WARNING**  
**RISK OF ELECTRIC SHOCK****KEEP DRY**

This fixture is intended for **INDOOR USE ONLY**. Do not expose this fixture to moisture or rain. NEVER operate the fixture if it is wet.

**TURN OFF ALL ELECTRICAL POWER SOURCES BEFORE INSTALLING THIS FIXTURE.****FIXTURE MUST BE GROUNDED**

This fixture is supplied with a earth ground wire and/or grounding terminal. The ground connection must be used. Ensure that the device that the fixture is connected to contains a working ground connection.

**DISCONNECT THE FIXTURE FROM ALL ELECTRICAL POWER SOURCES BEFORE SERVICING.****CAUTION****HOT SURFACES**

Never touch the fixture or the lamp while it is operating. Before servicing - allow the fixture to cool for at least 15 minutes after turning it off.

**USE SAFETY CABLE**

Use a safety cable when installing this fixture. They are inexpensive and easy to use. They are available from stage supply sources and some lighting companies.

**BRIGHT LIGHT**

Lamps used with this fixture can produce light bright enough to damage your eyes. Do not look directly into the light beam.

