



ZOT 12 HP Installation and Set-up

Model ZOT 12 HP ships in two cartons
Box 1- ZOT 12 HP Head, Yoke & Ballast
Box 2- Base or Tripod

Assembly:

For Base Kit- Place the yoke assembly with pan collar installed in the lower pole.
Adjust yoke to desired height and tighten gold height lever on collar. Adjust pan tension with knob on lower pole.
For tripod- Loosen downpole nut, slip yoke pole into opening until seated, tighten nut. Adjust nuts to adjust for height, tilt and pan.
Ballast- Place ballast on floor under unit. Insert connector into receptacle carefully matching prongs and twist slightly clockwise.
Make sure head moves freely without pulling cable.

Lamping- Installation and Set-up

Caution - Spotlight must be disconnected from power during installation. High voltage inside may cause electrical shock!
Caution - Ultraviolet radiation. Do not view operating bulb, may cause eye damage
Do not connect spotlight to AC power until lamp is completely installed and the lamphouse is closed.

Installation

The ZOT 12 HP only uses the Philips 1200 Watt MSR Fast Fit lamp. Open the lamphouse door (followspot rear) by turning the plastic fastener 1/4 turn. Match the two metal bayonets with the two slots. Gently insert and turn clockwise until lamp locks in place.

Setup

The lamp alignment is adjusted at the factory.

Gelling

Six color gel rings are provided. Gels are not. To gel, remove the color boomerang by unscrewing the two plastic knobs. Turn the boomerang assembly 90° and lift the entire assembly up and out. Removal is easier when the arms are raised slightly as the assembly is lifted out. Place the gels in the color frames (darkest colors away from the lamp) by placing the gel between the two rings on the arm. Insert fasteners into the holes in the ring, through the gel material and fold them over securely by the two knobs.

Operation

It is recommended that the lamp be turned on at the beginning of the performance and not turned off and on. This will extend lamp life.
The light beam is shaped by an iris. The spot size controller is a lever located on the operator side. Rotate clockwise to

Operation (continued)

decrease and counterclockwise to increase spot size.
A rear operated fader gradually dims the beam. It operates by turning the handle left to open the fader and right to close the fader. The fader is the only control to be used for extended blackout periods.
The Zot allows for more than one color frame to be engaged at one time. Insertion of a new color frame will release all frames.

Maintenance and Service

(**Caution**) Disconnect light from power prior to attempting any cleaning to prevent electrical shock

Cleaning: Periodic cleaning is required for best performance. The lenses may be cleaned with alcohol or lens cleaner solution.

Mechanical

To access the followspot interior start by uninstalling the color changer. (see gelling section) Take top off by removing 8 screws- 4 on rear top, 4 on front top. Remove screws and lift top off. Inspect fans. Ensure that they are free of debris and excess dust and that they spin freely. For best operation the fader assembly and reflector guide rods (operator side only) should be lubricated as required using a high temperature grease or super-lube. This maintenance should be performed annually.

Parts Replacement

The Zot is easily serviced and many parts are field replaceable. To assure safe operation only original replacement electrical parts should be used.

Iris Replacement:

Remove the followspot top (see mechanical) Locate iris and remove the two 5/16" nuts that secure the iris to the plate. Remove 3/8" nut located at the end of the linkage. (Iris end only)
To install the new iris, place one flat washer on each stud on the iris plate to ensure space between the plate and iris. Mount the iris on the plate with the 90° bend away from the iris plate. Secure the iris with 5/16" nuts. Attach iris linkage with 3/8" nut.

Note: Do not loosen or remove the ball joint at the end of the iris linkage.