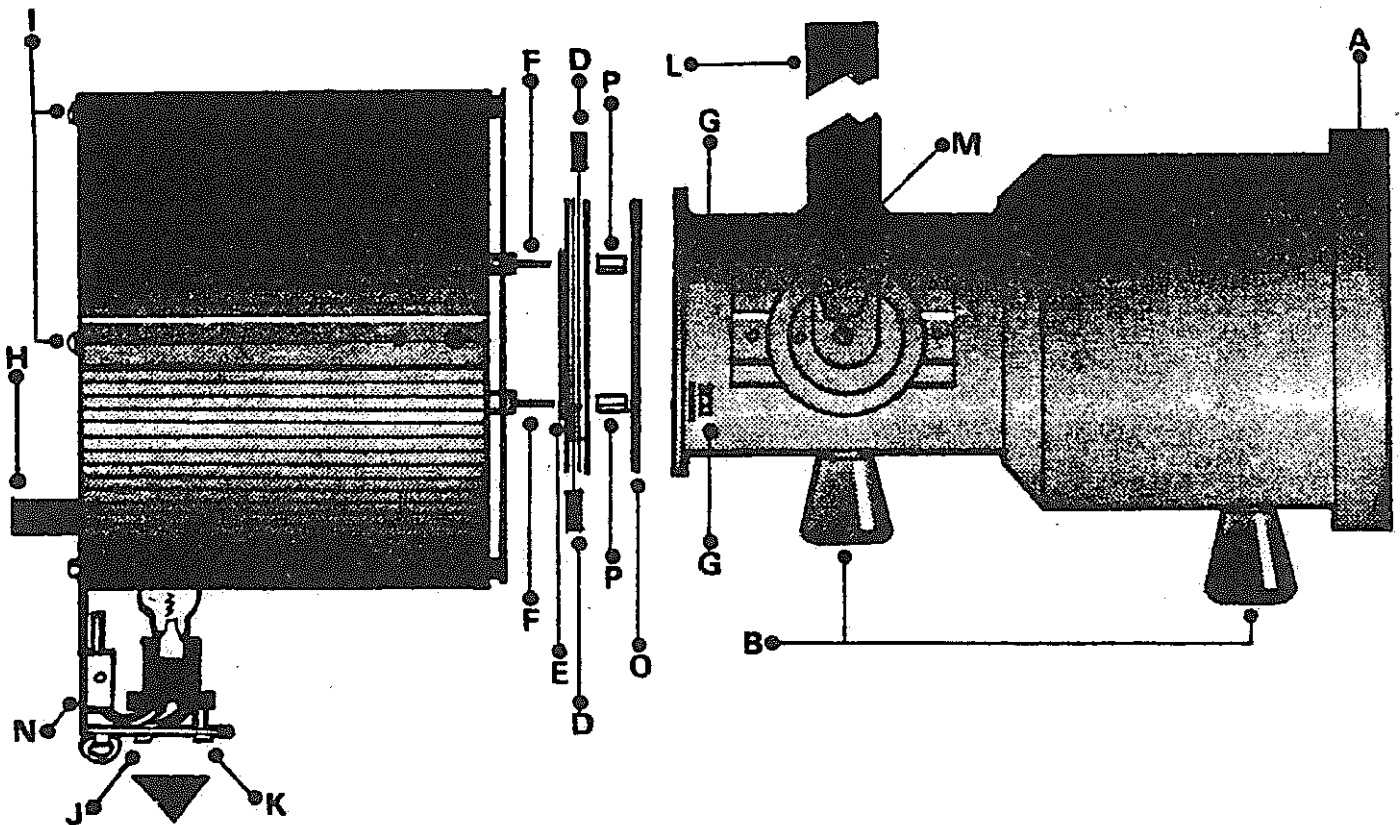


ref
date

Technical Data

SILHOUETTE 2000



- A. Colour frame runners
- B. Focus control knob
- D. Shutter operating handles
- E. Gobo/Iris slot
- F. 2 kW Nose mounting stud
- G. 2 kW Nose mounting nuts
- H. Rear handle
- L. Back plate screws
- J. Lamp alignment screws
- K. Lamp 'peaking' screw
- L. Yoke
- M. Yoke locking handle
- N. Lamp slide
- O. Spill ring
- P. Spacers

ref

date

Technical DataSILHOUETTE 2000**1. Assembly**

If your Silhouette is packed in two separate cartons the nose should be joined to the lamp house by removing the four screws and washers (C) which hold the shutter set (D) to the lamp house and reassemble.

2. Rear handle (if required)

Remove the two bottom back plate retaining screws (I). Insert these through the holes in the handle brackets and replace.

3. Electrical connections

The cable should be connected to the power supply in the following manner

brown	- live
blue	- neutral
green/yellow	- earth

4. Bulb change and adjustment

Release the lamp slide (N) by turning the Dzus fastener half a turn anti-clockwise and pull the lamp slide out of the lamp house.

Insert the bulb into the lamp holder and check that the filament is parallel to the sides of the lamp slide when viewed from the front. This can be adjusted by the two lamp screws (J). When the Silhouette leaves the factory the lamp holder is adjusted to give an even field of illumination. However, some operators require a higher intensity of light in the centre of the beam, this can be achieved by tightening the lamp 'peaking' screws by one or two turns. This will 'peak' the light output to the centre of the beam. Lamp replacement is carried out as above.

5. Variable beam angle adjustment

Loosen both the front and back lens slide knobs (B) and adjust the position of the lenses until the required beam angle and the degree of softness to the beam edge is obtained. The narrowest beam angle is obtained by positioning the two lens slides as far apart as the slot will allow, making final focus adjustment on the front lens. The widest beam angle is obtained by bringing the two lenses as close together as possible. Final focus adjustment being made with the back lens. Intermediate angles and the amount of softness of edge can be obtained

A scale fixed next to the lens position adjustment knobs is provided for ease of resetting to a particular angle.

ref

date

Technical Data

- 2 -

6. Drop in iris and gobo use

The drop in iris is inserted with the back plate to be front of the lantern to engage the Gobo runner (E). Cut out shapes can be projected by cutting the design within a 75 mm. circle on a piece of metal foil 114mm. x 151mm. with the circle centre positioned 62mm. from the 114mm. side. These shapes should be cut upside down. The foil placed in the drop in iris runners.

7. Re-balancing yoke

The yoke can be attached to the luminaire in from one to four positions (depending on the luminaire) to achieve the best balance with or without accessories. The exploded diagram overleaf shows the order in which the parts should be assembled. Ensure that the double 'D' washer is correctly located on the two flats on the yoke pivot bush. The dished washer provides friction between the yoke and the luminaire, omit this washer from one or both sides if less friction is required (perhaps in the case of a follow-spot).

The height of the yoke may be reduced by 100mm. by pivoting at the second round hole.

8. Cleaning lenses

The nose should be removed as in paragraph 1. The front and rear lenses can then be removed for cleaning by releasing the spring retaining clip. Reassemble by replacing the back lens with flat side to the rear of the tube and the front lens with flat side to the front of the tube (Silhouette 30 and 25) and in the case of the Silhouette 15 with the large front lens curved side to the front of the tube.

9. Reflector cleaning

To clean the reflector remove the six back plate retaining screws (I) and the lamp slide (N). Slide the back plate complete with bottom baffle away from the lamp housing. Clean the reflector with a soft cloth and methylated spirit and replace in reverse order to reassemble.