

SPECIFICATIONS CO150-3

PHYSICAL

Length296 mm
Width120 mm
High165 mm
Weight2.1 kg

INSTALLATION

Minimum distance to combustibile materials..... 1 m
Minimum distance to illuminated surfaces0.5 m

CONSTRUCTION

Housing..... Metal and Aluminum

THERMAL

Maximum ambient temperature (Ta)..... 40°C
Maximum surface temperature, steady state, Ta=40°C..... 125°C

SOURCE

Lamp 70W/150 W discharge
BaseG 12

Approved models ... Philips CDM 70W / 150W Osram HQI-T 70W/150W

EFFECTS

DimmerFrom 12mm~25mm

Gobo fixed, manual Pan and tilt with mirror

Focu 16~50 degree

GOBOS

Size

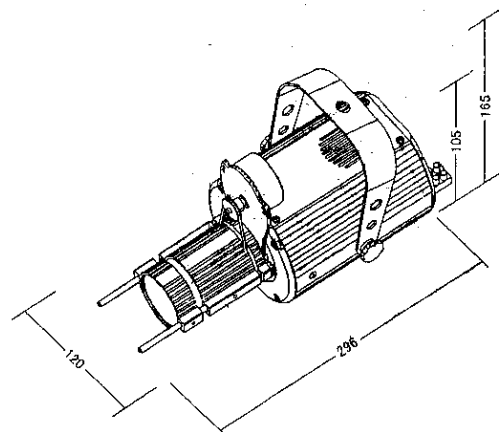
..... Gobo diameter 37.5 mm
..... Image diameter 12~25 mm

MaterialGLASS or Metal

Rotate rate 2.2 R.P.M

COLOR

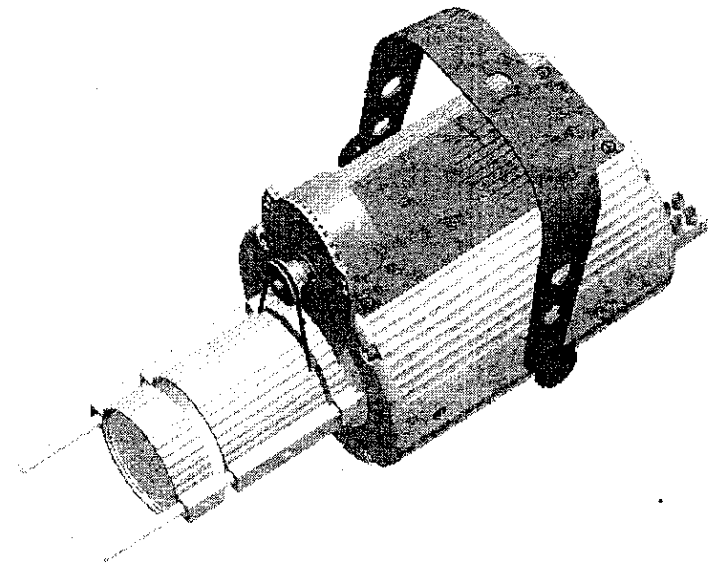
Size Dich. color filter diameter 37.5mm



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CO150-3 Image projector
user manual



CO150-3 Series

INTRODUCTION

Thank you for selecting the Delan CO150-3 image projector.

The CO150 projectors series are a range of projectors made to perform the valuable task of projecting images or illuminating subjects perfectly, suited to many applications: shops, trade shows and exhibitions, showrooms, bar and hotels etc.

- Precision glass reflector with dichroic cold mirror coating.
- Adjustable focus, 16 field angle.
- Single-end Metal Halide Lamp, HQI-T 70W/150W (G12, Average 9000 hours, Color temperature 4000K/5000K).
- Can select the dichroic colors and your gobos.
- All type models project images with the most utmost precision and sharpness, with extraordinarily uniform projection all over the illuminated surface.
- In die-cast and extruded aluminium.

PROTECTION FROM ELECTRIC SHOCK

- Disconnect the fixture from AC power before removing or installing the lamp, fuses, or any part, and when not in use.
- Do not expose the fixture to rain or moisture.

CONNECT THE CO150 FROM THE GEAR BOX

1. Disconnect the fixture from AC power
2. See the figure 1 to connect the lamp and gear box

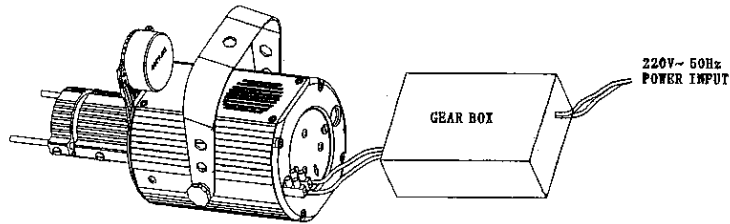


Figure 1

TO REPLACE THE LAMP:

Warning! Allow the lamp to cool for 15 minutes before removing the lamp cover.

1. Disconnect the fixture from power and allow it to cool.
2. Loosen the two screws holding the lampholder in place.
3. Remove the old lamp from the socket.
4. Holding the new lamp by its ceramic base - do not touch the glass bulb - insert it firmly and squarely into the lamp socket.
5. Clean the glass bulb with an alcohol wipe or a clean, lint-free cloth wetted with alcohol.
6. Gently insert the lamp and screw the holder into place.

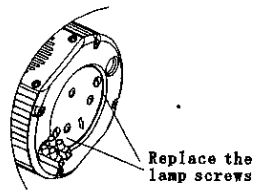


Figure 2

OPTIMIZING LAMP ALIGNMENT

The lamp alignment is set at the factory. If, the light distribution is uneven, lamp alignment may be adjusted as follows.

1. The three screws on the lamp holder are used for lamp adjustment. Switch on CO150 Spot and allow it to reset.
2. Using either a controller or the control panel, strike the lamp and focus the light on a flat surface.

3. Center the hot-spot (the brightest part of the beam) by turning the 3 adjustment screws. Turn one screw at a time to drag the hotspot diagonally across the projected image. If there is no hot-spot, adjust the lamp until the light is even.
4. To reduce a hot-spot, pull the lamp in by turning all three screws clockwise 1/4-turn at a time until the light is evenly distributed.

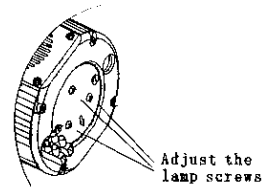


Figure 3

CHANGING THE GOBO & COLOR FILTERS

1. Disconnect the fixture from AC power and allow it to cool.
2. Remove the two screws and put the gobo & color filter in the socket as shown in Figure 4.
3. Installation is the reverse.

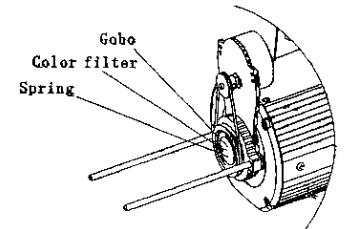


Figure 4

ADJUST THE FOCUS

1. Loosen the two screws as shown in figure 5.
2. Move the lens forward and back to find the best image position.
3. Fasten the two screws.

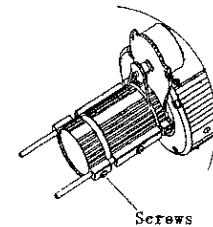


Figure 5

CLEANING OPTICAL COMPONENTS

Use care when cleaning optical components. The surface on dichroic filters is achieved by means of special multi-layer coatings and even small scratches may be visible. Residues from cleaning fluids can bake onto components and ruin them.

1. Allow the components to cool completely.
2. Wash dirty lenses and filters with isopropyl alcohol. A generous amount of regular glass cleaner may also be used, but no residues may remain.
3. Rinse with distilled water. Mixing the water with a small amount of wetting agent such as Kodak Photoflo will help prevent streaking and spotting.
4. Dry with a clean, soft and lint-free cloth or blow dry with compressed air.

ACCESSORIES

(not include in the CO150)

1. Color: the standard color filters.
2. Gobo: your design or select from the below.

