

Aristo B22 Cold Light Head

Enlargers: Omega B22 and Omega B66

Coverage: 2.25 square inch

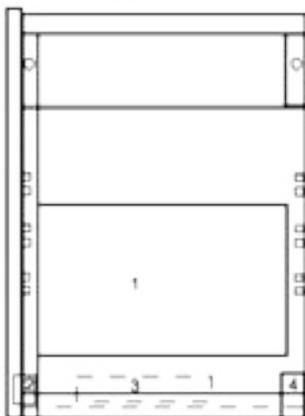
Specifications:

- Case
 - Light Head: 3 17/32" Dia. x 2 13/16" H
 - Power Pack: 5 1/4" L x 3" W x 2" H
- Watts: 40
- Weight:
 - Light Head: .8 lbs
 - Power Pack: 2.7 lbs

B22-LO-V54
Replacement Lamp.



Figure 1



1- B22 Unit
2-3-4 Rubber Strips
5- Diffuser

B22 Cold Light Head Adapted to an Omega B66 Enlarger Installation:

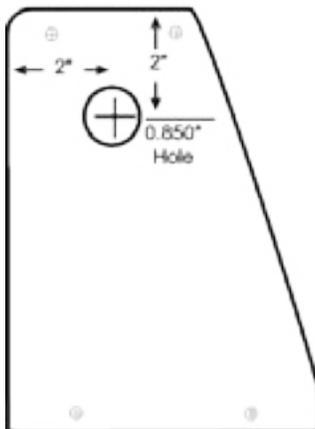
1. Cut rubber strip into 3 pieces - each 2 inches long.
2. Remove front panel of your B66 enlarger

Apply either acetone or lighter fluid to coated side of each rubber strip separately. When tacky, cement one strip to the inside back of your enlarger. cement each of the remaining two strips either side between the screw lugs.

See figure 1.

3. Place plastic diffuser element into square recess in the bottom of your enlarger.
4. Insert the B22 unit into the enlarger, so that it rests flush against the diffuser. This will automatically position the unit properly over the negative area.
5. Now remove the bulb in your enlarger and drill a hole in its right side as shown in figure 2.

Figure 2



6. Screw a female receptacle into the bulb socket and plug in 2-prong plug. Draw the 3-prong plug through the hole and connect to the power pack.
7. Now, re-install the B22 unit as described in bullet #4, and replace the front slide cover of your enlarger.

Caution: Instructions are for guidance only. Aristo/Voltarc will not be responsible for any damage to lamp or lamp housing for items improperly installed.



B22 Cold Light Head Adapted to an Omega B66 Enlarger Installation con't:

Operation

Turn on switch of your enlarger cord and leave it on for the duration of any operating period. This activates the thermostat control which maintains the B22 unit at optimum operating temperature. Allow the B22 unit to warm up for approximately 10 minutes before making any exposures.

If B22 head does not operate properly, check the following:

1. Did you plug the cord out of the back of your enlarger into an outlet? (110 Vac)
2. Did you plug the cord out of the power pack into an outlet, or timer?
3. Is your timer plugged in?
4. Is the switch on your timer in the "on" position?
5. Are all plugs and connections made properly?
6. Check instructions again, step by step!

Thermostat Control

1. This feature is incorporated in all Aristo units. Thermo control maintains a continuous ambient warmth around the lamp insuring peak brightness at each start when operated through a timer or footswitch
2. Turn on your thermo switch or plug in your thermo cord and allow your unit to warm up for about 5-10 minutes before making any exposure.
3. To help speed up this warm-up period, the lamp may be turned on at the same time for about 3 minutes, then shut off. The unit is now ready to operate efficiently.
4. The thermo control should be left on continuously for the duration of any day or working session.

Processing Recommendations:

1. Negatives: Develop negatives 20-30% longer than recommended for normal. This becomes the "Normal" negative for cold light printing
2. Paper: Expose paper so that full development time can be given. This will produce prints of good contrast and maximum quality, maintaining a full tonal range from the whitest highlights to the deepest blacks.
3. Maintenance and Care: Clean your unit periodically. With a damp cloth wipe your lamp, reflector and diffusion plate of dust and dirt which may accumulate. Keeping the unit clean will help maintain optimum evenness, speed and contrast.
4. With a minimum of care, your Aristo cold light unit will give you years of faithful and trouble free service. All units are thoroughly checked and tested before leaving the factory, and are guaranteed for 90 days against defects in workmanship and materials.
5. When ordering replacement lamps, transformers or diffusion elements for your unit, please specify your unit model number and color of lamp desired, etc.

Caution: *Instructions are for guidance only.*

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Aristo B22 Installed into the Omega B600 Enlarger

- Remove the enlarger lamp housing and the condenser lenses
- Place the diffuser element (3 1/6 x 3 1/6) into the enlarger and the B22 Cold Light Head on top of it. Note the corners of the diffuser protruding prone beneath the unit.
- Cover these protruding corners with black masking tape.
Wrap the masking tape round the outside of the reflector of the B22 on a level with the open (lamp) end. When properly done, this should effect a wedge fit.
Install diffuser and cold light into enlarger.
- Connect together the matching plugs between the B22 unit and the power pack.
- The 2-prong cord (thermo control), plugs into any 115 Vac outlet.
- The 3-prong cord of the power pack goes into the timer or foot switch.

The thermo control should be left on continuously for the duration of any working period.

Warm-up:

Turn the B22 light on for approximately 2 minutes, then turn it off prior to making your first exposure. This speeds up "warm-up Time. No further warm up is necessary providing thermo cord is plugged in.

Aristo B22 Installed into the Omega B66 Enlarger

- Diffuser, supply square 1/8 2447, cut 3 1/8 x 3 1/8 instead of a round diffuser.
- Supply foam rubber 1/4 x 3/8 weather stripping 8 inches.
- Supply female screw-in receptacle.

