

## 7883-02 U.V. LAMP REFLECTOR

### **ASSEMBLY INSTRUCTIONS**

**IMPORTANT:** *This reflector is to be used ONLY with reflector type lamps, i.e., Catalog No. 7883 series.*

1. Lamp should be supplied with two slotted brackets already mounted on lamp. Connect these brackets to the two brackets on the front of the reflector using thumb screws.  
Note! Brackets on reflector may need to be spaced to accommodate the size lamp being installed.
2. Insert male porcelain plugs attached to ends of lamp thru the 1/2" diameter holes , located at opposite ends of the reflector, toward the back.
3. Plug each male porcelain plug into a porcelain socket on back of the reflector.
4. Reflector is supplied with a three-prong plug with cord. Insert this plug into square outlet on front of appropriate ACE U.V. Power Supply, Catalog No. 7830.
5. Use two brackets with clamps on back of reflector to mount unit, either vertical or horizontal, on a 1/2" mounting rod.
6. Any cooling or ventilating with forced air should NOT be directed to lamp, only in the area around the back of the reflector or to the sample being radiated. The lamp needs to be "hot" (approx. 700°C) and only needs indirect natural convection air currents. The reflector can be mounted vertically or slightly arched off horizontal of about 10 degrees.
7. Obey all U.V. Safety Precautions before turning U.V. Power supply on.

**CAUTION:** There should be only natural convection of air over the lamp for heat removal, ( forced flow of air over quartz surface of lamp may result in premature failure). Enclosed ventilated "Boxes" can be used if direct entrance of air is not close to surface of lamp, (limited to approximately 10% of volume per minute).



**ACE GLASS INCORPORATED**

P.O. Box 688 • Vineland, NJ 08362-0688

856-692-3333 • Fax 1-800-543-6752

**TOLL FREE: 1-800-223-4524**