



EC-Series Flood Lamps with Light Shield

Assembly Instructions

1. Unpack the light shield (PN 41175) and remove protective coverings.
2. Unpack the EC-series flood lamp. Install the bulb into the reflector housing ensuring that the bulb is properly seated. If desired, install the fan to the top of the reflector housing (the fan is available as an option).
3. Invert the reflector and remove the four screws (Figures 1-3).



1200-EC (6-32 x 1/2" Screws)



2000-EC (6-32 x 1/2" Screws)



5000-EC (8-32 x 1/4" Screws)

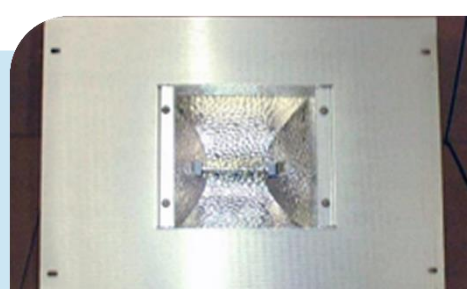
Figure 1-3. Remove Screws

4. If using the 2000-EC Reflector, an optional glass filter is available. If desired, install the glass filter plate by removing the two support bars and four spacers from the 2000-EC reflector. Install the glass filter on the reflector and position the four spacers around the filter. Reinstall the two support bars.
5. Fasten the appropriate Support Plate to the Reflector with the four screws removed in step 1 (Figure 4-5).

NOTE: When using a 2000-EC lamp, position the Support Plate so that the side with cropped corners is facing the rear of the Reflector (side with four connections). The Reflector/Support Plate Assembly will not sit flush on the Light Shield if this plate is attached backwards.



1200-EC or 2000-EC



5000-EC

Figure 4-5. Fasten the Appropriate Support Plate to the Reflector

6. Remove the four M4 x 8-mm screws from the Light Shield's Top Cover (Figure 6).
7. Place the Reflector Assembly onto the Light Shield. Using the M4 x 8-mm screws, secure the Reflector/Support Plate Assembly to the Light Shield (Figure 7).

NOTE: Do not tighten until directed in Step 8.

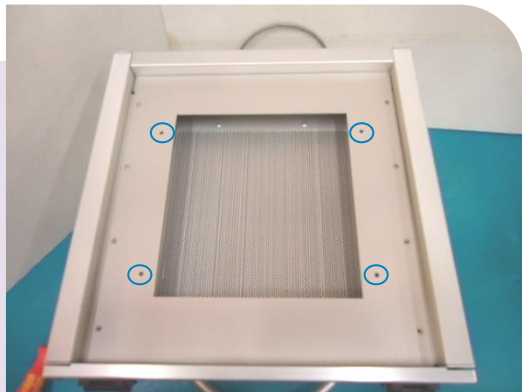


Figure 6. Remove Screws from Light Shield Top Cover



Figure 7. Secure the Reflector/Support Plate Assembly to the Light Shield

8. Center the Reflector Assembly on the Light Shield. When the desired position is achieved, fully tighten the Securing Brackets to the Light Shield.
9. Install cable PN 40878 between the connector on the rear of the Light Shield and J5 on the back of the reflector (this cable is packaged with the Light Shield). Install the larger Cable (PN 37904) between J3 on the back of the Reflector and the back of the Power Supply. Install the Power Cable (PN 35255) to the back of the Power Supply (Figure 7).

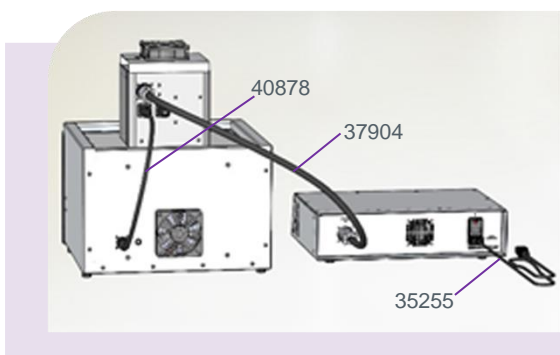


Figure 7. Rear Connections (5000-EC Shown)

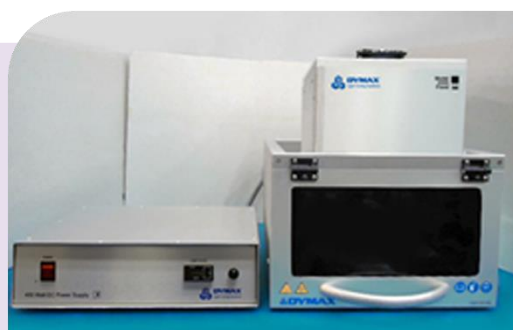


Figure 8. Complete System (2000-EC Shown)

10. For your safety, always wear the proper protective equipment when working with UV light-curing systems. Once you are wearing the appropriate gear, turn the power supply's power switch on and allow bulb to warm-up for 5 minutes.
11. The flood lamp system is ready for operation.

Please Refer to Component User Guides for Detailed Operating Instruction

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