

The logo for the Fiber Optic Center features a blue triangle on the left containing a white starburst graphic. To the right of the triangle, the words "fiber optic center" are written in a blue, italicized, sans-serif font, stacked vertically.

41175

QUICK START GUIDE



Manufacturer:
Dymac

Product Name:
Dymac UV Flood Light Shield for 2000 EC, 5000 EC Flood Lamp

Manufacturer Part Number:
411715

▶

Click here for more details on the Dymac UV Flood Light Shield for 2000 EC & 5000 EC Flood Lamps.

EC-Series Flood Lamps with Light Shield

Assembly Instructions

1. Insert the light shield (411715) into the recessed slot on the housing.
2. Insert the 2 screws that are supplied into the recessed slot. Tighten the bolts in a property pattern (diagonal, start for the top left of the reflector housing this is available as a video).
3. Insert the reflector into the recessed slot (shown below).





2000 EC 100 W beam

5000 EC 100 W beam

5000 EC 150 W beam

Step 1: Insert Screws

4. Insert the 2000 EC reflector into the recessed slot. A video titled "How to place the light shield by loosening the top screws and the top screws from the 2000 EC reflector, install the pins into the reflector and position the top screws around the recessed slot housing" is available.
5. Fasten the appropriate Support Pin 3. Refer to the pin screws removed in step 1 (Figure 1).

NOTE: When using a 2000 EC lamp, position the Support Pin 3 to the side with support screws in place on the top of the reflector with the four screws. The Reflective Support Pin Assembly will sit on both on the Light Shield (3) pins in recessed channels.




2000 EC or 5000 EC

5000 EC

Support Pin 3 into the appropriate Support Pin 3 in Reflectors

Contact the professionals at Fiber Optic Center for a quote or to get more details.

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 411715-01 Rev. 01/15

QUICK START GUIDE



Manufacturer:
Dymos

Product Name:
Dymos UV Flood Light Shield for 2000-EC & 5000-EC Flood Lamps

Manufacturer Part Number:
41175

▶
Click here for more details on the Dymos UV Flood Light Shield for 2000-EC & 5000-EC Flood Lamps

EC-Series Flood Lights with Light Shield & Manual Shutter

1. Unpack the light and plug **Q1** into an indoor protection receptacle.
2. Unpack the UV Control Receiver, install the link into the receiver housing ensuring that the link is properly seated in front, install the yellow UV pin of the receiver housing (see link available on glass).
3. Unpack the manual shutter, install the shutter to align with the 5000-EC receiver shutter mechanism. Remove the support plate to insert the front 1/2 x 1/8" screw into the shutter.
- NOTE:** This manual shutter must be used on 5000-EC only.
4. Unpack the power supply and cable. Remove the face screws from the Reflector (Fig. 2).





5. Plug 1 terminated fiber optic cable into the light.
6. If using the 5000-EC receiver, an universal glass plate is available. A second glass plate is used to connect the two separate glass plates to the 5000-EC Reflector. Install the glass plate in the reflector and the other glass plate against the fiber. Repeat for the second fiber.
7. Fasten the appropriate support plate to the reflector with the four screws provided in step 5 (Figure 5).




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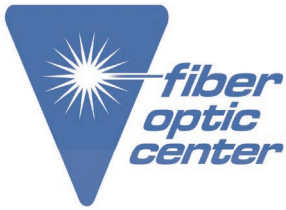
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QUICK START GUIDE

**Manufacturer:**

Dymax

Product Name:

Dymax UV Flood Light Shield for 2000-EC & 5000-EC Flood Lamps

Manufacturer Part Number:

41175

► Click here for more details on the Dymax UV Flood Light Shield for 2000-EC & 5000-EC Flood Lamps

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 1/2" 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

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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).

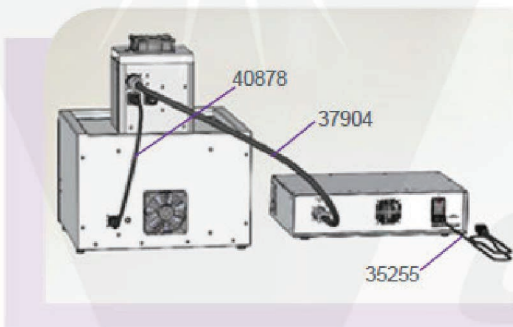


Figure 7. Rear Connections (5000-EC Shown)



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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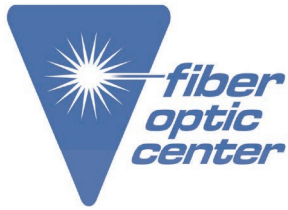
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**Manufacturer:**

Dymax

Product Name:

Dymax UV Flood Light Shield for 2000-EC & 5000-EC Flood Lamps

Manufacturer Part Number:

41175

► Click here for more details on the Dymax UV Flood Light Shield for 2000-EC & 5000-EC Flood Lamps

EC-Series Flood Lamps with Light Shield & Manual Shutter

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 option to the top of the reflector housing (the fan is available as an option).
3. Unpack the manual shutter. The shutter is shipped with the 5000-EC reflector support plate installed. Remove the support plate by removing the four 8-32 x 3/8" screws (Figure 1).

NOTE: This plate is not used when a 2000-EC is used.

4. Unpack the power supply and reflector. Remove the four screws from the Reflector (Figure 2).

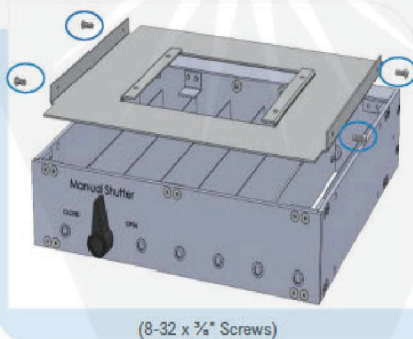


Figure 1. Remove 5000-EC Reflector Support Plate



Figure 2. Remove Screws from Reflector



5. 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.
6. Fasten the appropriate support plate(s) to the reflector with the four screws removed in step 5 (Figure 3).



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



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

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Figure 3. Install Support Plate

7. Place the reflector assembly into the shutter.
8. Remove the four M4 x 8-mm screws from the top of the Light Shield (Figure 4).
9. Place the shutter and reflector assembly into the top of the light shield. Align the holes on the shutter with the holes on the two securing brackets. Install the two securing brackets (Figure 5) using the 8-32 x 3/8" screws provided.

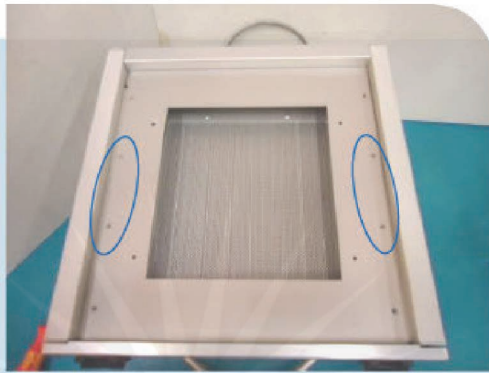


Figure 4. Remove Screws from Light Shield



Figure 5. Install Securing Brackets

10. Center the shutter on the light shield. When the desired position is achieved, tighten all fasteners.
11. Install cable PN 40878 between the connector on the rear of the light shield and the back of the reflector. Install the large cable between the back of the reflector and the back of the power supply (PN 37904). These cables are color coded to aid assembly. Install the power cable (PN 35255) to the rear of the power supply.
12. Your light shield, manual shutter, and lamp assembly is ready for operation. The shutter may be controlled by means of manual lever on the front of the shutter.

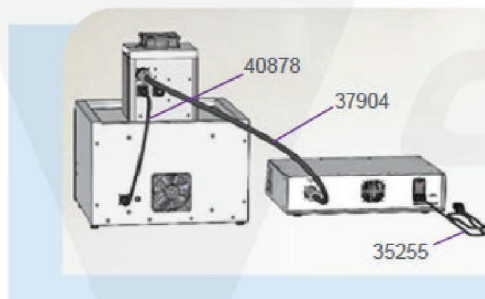


Figure 6. Complete System (5000-EC Shown)



Figure 7. Complete System (2000-EC Shown)

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