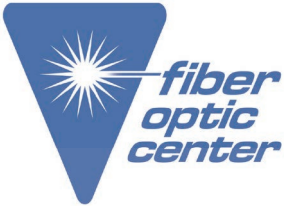


QUICK START GUIDE



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](#)

QUICK START GUIDE

Manufacturer: Dymax
Product Name: Dymax UV Flood Light Shield for 2000-EC & 5000-EC Flood Lamps
Manufacturer Part Number: 41175

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EC-Series Flood Lamps with Light Shield Assembly Instructions

1. Unpack the light shield (PS-000) 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 needed, install the fan to the top of the reflector housing (the fan is included as an option).
3. Insert the reflector assembly into the reflector (Figure 1-1).

1-1 EC-Series Flood Lamp Assembly

4. If using the 2000-EC Reflector, an optional glass fiber is available. If needed, install the glass fiber plate by removing the fan support plate and the fan support from the 2000-EC reflector. Install the glass fiber on the reflector and position the four screws around the fan. Install the fan support plate.

NOTE: When using a 2000-EC fan, position the Reflector Plate so that the fan support connects in front of the Reflector plate with four connections. The Reflector Support Plate Assembly will not fit both on the Light Shield if the glass fiber is selected assembly.

1-2 EC-Series Flood Lamp Assembly

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[EC Series Flood Lamps with Light Shield Quick Start Guide](#)

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 & Manual Shutter

1. Unpack the light shield (PS-000) 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 needed, install the fan to the top of the reflector housing (the fan is included 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 screws (Figure 1-1).

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

4. Unpack the power supply and reflector. Remove the fan screws from the Reflector (Figure 1-2).

1-1 EC-Series Flood Lamp Assembly

1-2 EC-Series Flood Lamp Assembly

5. If using the 2000-EC Reflector, an optional glass fiber is available. If needed, install the glass fiber plate by removing the fan support plate and fan support from the 2000-EC reflector. Install the glass fiber on the reflector and position the four screws around the fan. Install the fan support plate.
6. Fasten the appropriate support plate to the reflector with the four screws included in step 5 (Figure 1-3).

1-3 EC-Series Flood Lamp Assembly

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[EC Series Flood Lamps with Light Shield & Manual Shutter Quick Start Guide](#)

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](#)

DYMAX EC Light Shield (PN 41175) Door Interlock Installation Instructions

1-1 EC Light Shield Door Interlock Installation Instructions

1. Turn off the power and remove all cables from the Light Shield.
2. Remove the Reflector and Shutter from the top of the Light Shield (Power Light Shield on side).
3. Remove the fan screws from the bottom of the Light Shield (Figure 1-2).
4. Mount the Reflector Shutter to the bottom of the Light Shield (see 1-3 & 1-4 on screen) (Figure 1-3).

1-2 EC Light Shield Door Interlock Installation Instructions

1-3 EC Light Shield Door Interlock Installation Instructions

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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).



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.



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.

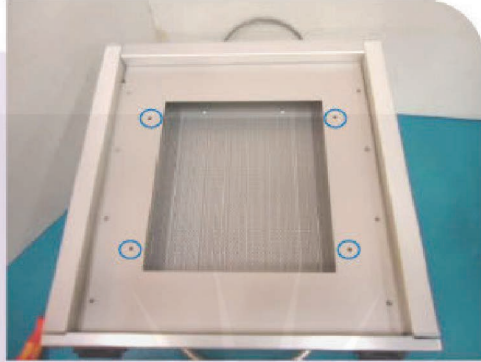


Figure 6. Remove Screws from Light Shield Top Cover



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).

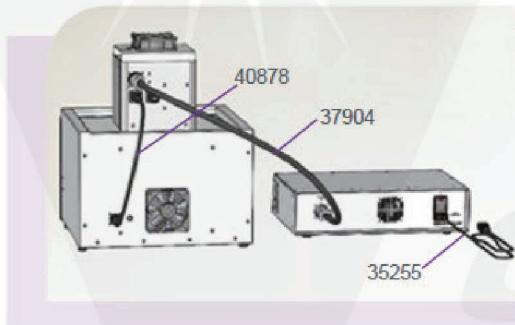


Figure 7. Rear Connections (5000-EC Shown)



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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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 & 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).

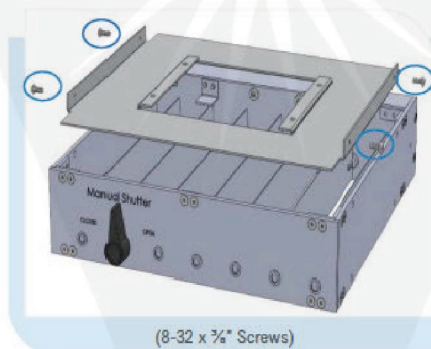


Figure 1. Remove 5000-EC Reflector Support Plate



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.

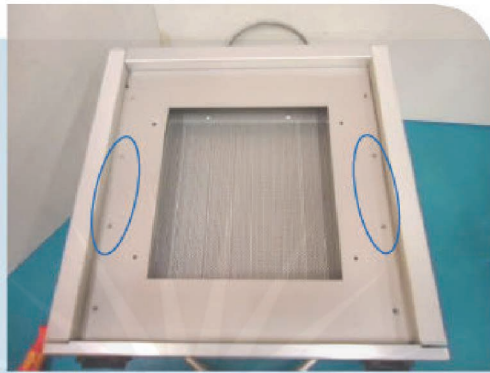


Figure 4. Remove Screws from Light Shield



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.

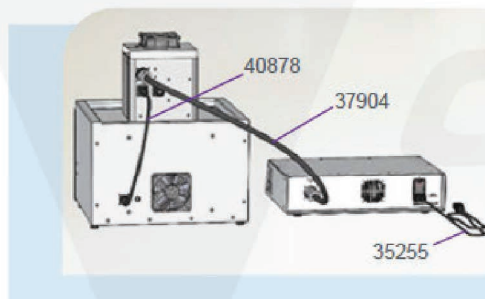


Figure 6. Complete System (5000-EC Shown)



Figure 7. Complete System (2000-EC Shown)

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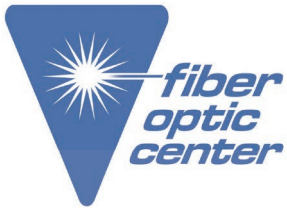
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QUICK START GUIDE



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 Light Shield (PN 41175) Door Interlock Installation Instructions

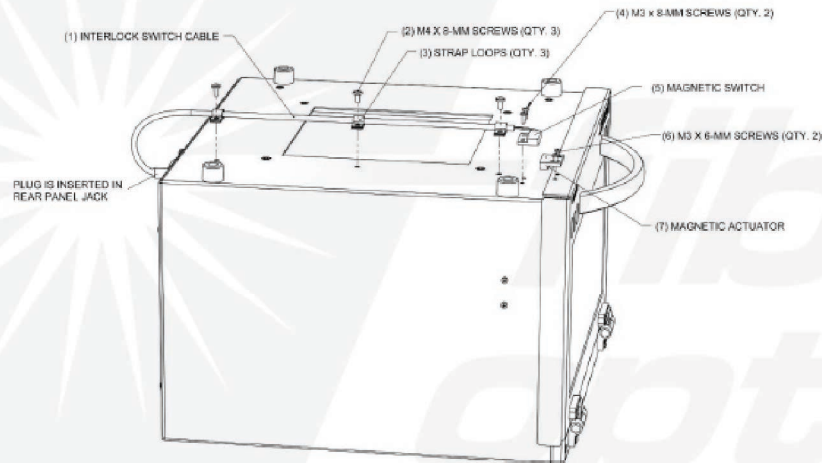


Figure 1. Light Shield (PN 41175) with Door Interlock Kit (PN 41166) (shown upside down)

1. Turn off the power and remove all cables from the Light Shield.
2. Remove the Reflector and Shutter from the top of the Light Shield. Place the Light Shield on its side.
3. Remove the five screws from the bottom of the Light Shield (Figure 2).
4. Attach the Magnetic Switch to the bottom of the housing using two M3 x 8-mm screws (Figure 3).

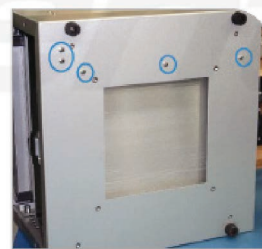


Figure 2. Remove Screws



Figure 3. Magnetic Switch

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5. Fasten the Interlock Switch Cable to the bottom side of the unit using the three Nylon Strap Loops and the three M4 x 8-mm screws (Figure 4).

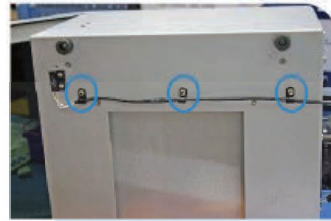


Figure 4. Interlock Switch Cable

6. Attach the Magnetic Actuator to the Front Door using the two M3 x 6-mm screws (Figure 5).

Note: Check that the Magnetic Switch and the Magnetic Actuator are aligned.



Figure 5. Install Magnetic Actuator

7. Plug the connector to the power jack at the back of the unit. (Figure 6)

8. Turn the unit back over to the working orientation and reinstall the Shutter and Reflector.



Figure 6. Connect Power Jack

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