



Installation Instructions

Optima 1000 LED® Backlit Light Box, Front-Loading Snap Frame

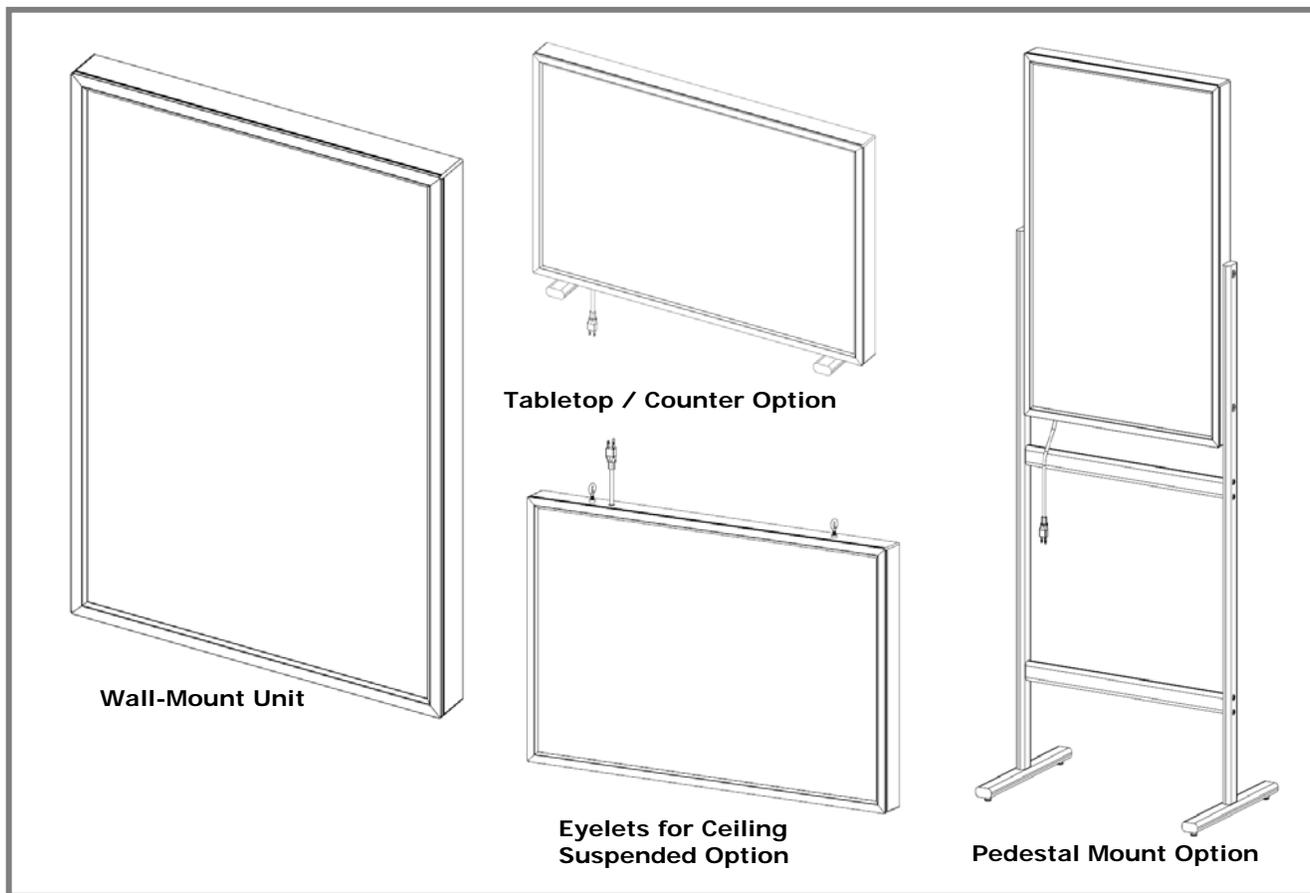


Figure 1

INSTALLATION INSTRUCTIONS

Before you begin

These instructions illustrate the installation of the Stylmark Optima 1000 LED® Backlit Light Box. If you have questions during assembly, call 800-328-2495 to request technical assistance.

Tools you'll need

- Screwdriver
- Pencil
- 1/4" or 3/16" Drill (varies by application)

Please read these instructions carefully before beginning installation.

Part Number# 971750
Rev D (5/16)

Stylmark Installation Instructions: Optima 1000 LED Backlit Light Box – Front-Loading

Getting Started:

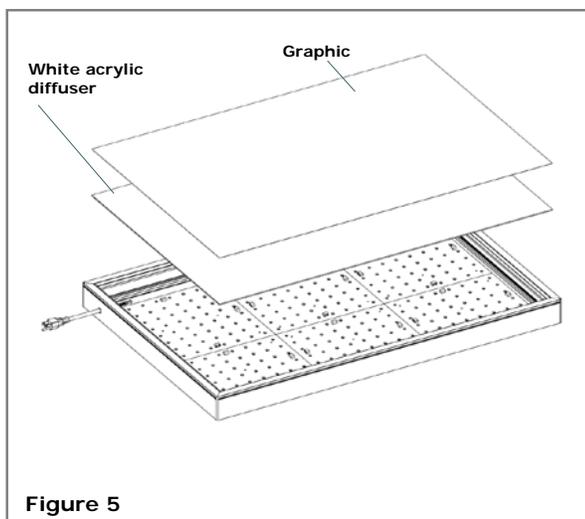
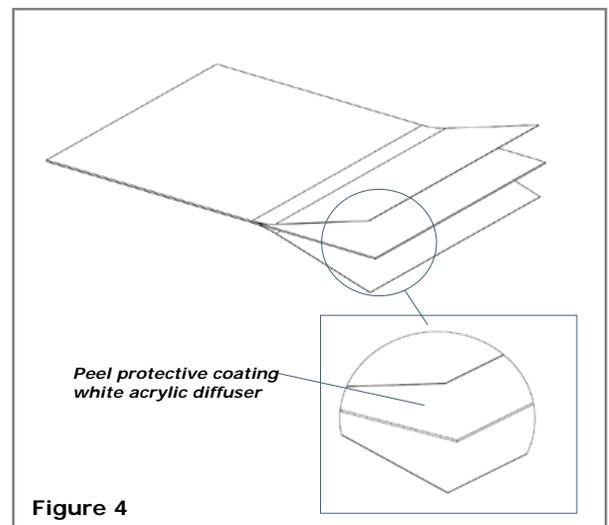
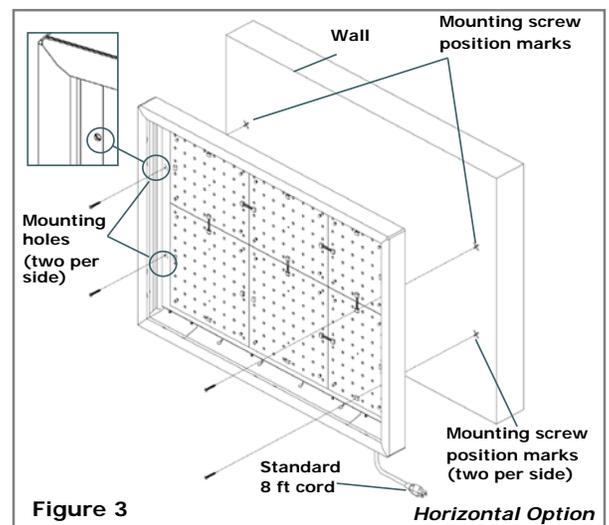
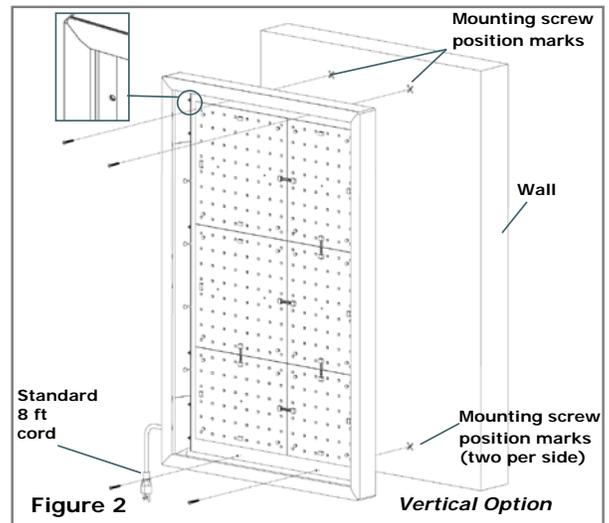
These instructions are for Optima 1000 LED Backlit Light Box. Follow the instructions for the assembly ordered.

Please review all electrical requirements on the label before connecting. Do not use improper current.

This sign is intended to be installed in dry locations only and in accordance with the requirements of Article 600 of the National Electrical Code and/or other applicable local codes. This includes proper grounding and bonding of the sign.

Step-by-Step Instructions – Wall Mount:

1. Place the unit against the wall in the desired location (Must be within 8 ft of power location) and mark the positions of the mounting screws through the holes on the back. **See Figures 2 & 3.**
2. If installing the mounting screws on a wood surface, use a 1/8" drill. If the surface is gypsum/plasterboard, use a 1/4" drill and insert plastic anchors.
3. Insert mounting screws.
4. Position the display unit over the screws and tighten.
5. Peel the protective coating from both sides of the white acrylic diffuser panel. **See Figure 4.**
6. Insert white acrylic diffuser panel & graphic into the unit and close all four sides of the light box. **See Figure 5.**
7. For corded models, plug directly into standard 3-prong, grounded wall outlet.
8. For hard-wired models, a qualified electrician should perform installation.

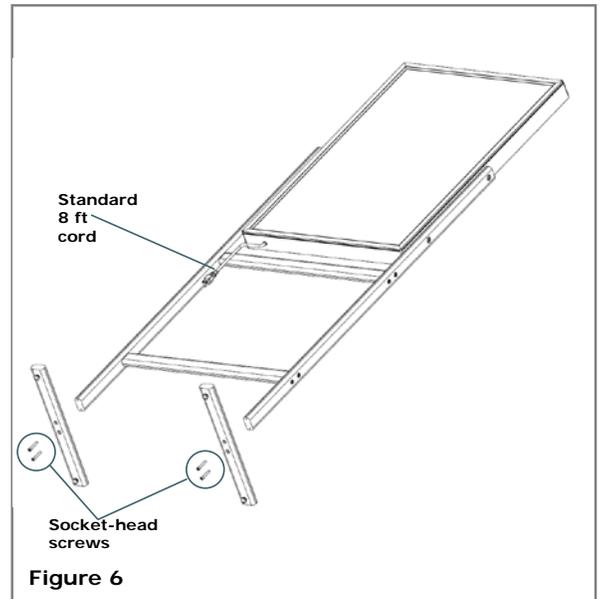


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Step-by-Step Instructions – Pedestal Mount Option

Note: This option should be requested at time of order.

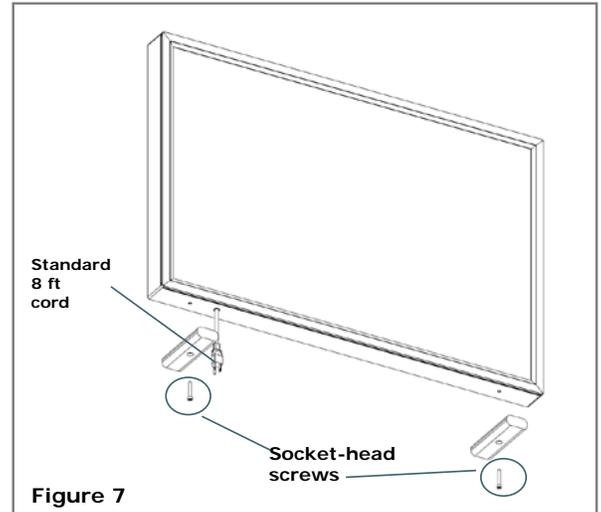
1. The unit ships with light box secured to the pedestal frame using pan head screws.
2. Attach the feet to the posts using the socket-head screws, two per foot. **See Figure 6.**



Step-by-Step Instructions – Tabletop / Counter Option

Note: This option should be requested at time of order.

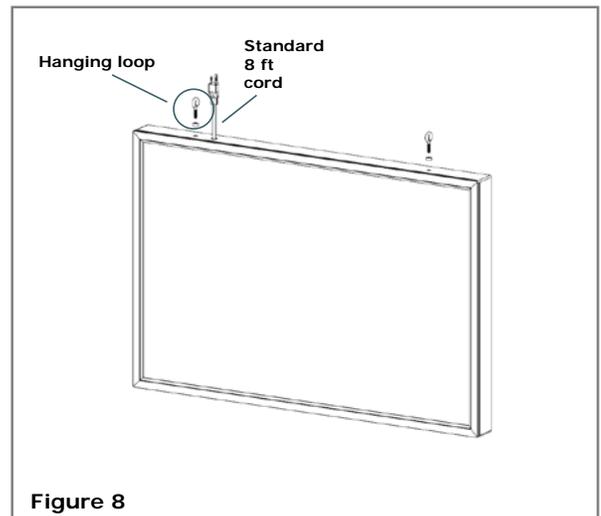
1. Attach the feet to the posts using the socket-head screws, two per foot. **See Figure 7.**



Step-by-Step Instructions – Eyelets Ceiling Suspended Option

Note: This option should be requested at time of order.

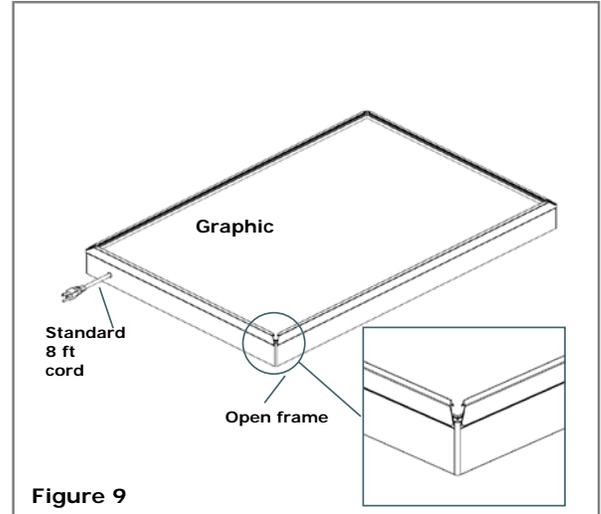
1. Hanging loops are attached to the unit when constructed. Attach appropriate hanging hardware (chain, cables, etc.) to suspend unit. Cord may be tied to chain or cables with tie-wraps. **See Figure 8.**



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Step-by-Step Instructions – Graphic Installation:

1. Open the frame by flipping back all four sides of the frame.
2. Peel the protective coating from both sides of the white diffusion panel. **See Figure 4.**
3. If ordered, peel coating from both sides of the face sheet.
4. Place the graphic between the white acrylic diffuser panel on the bottom and clear plastic sheet on top (if ordered). **See Figure 5.**
5. Place the graphic in the unit and close all four sides of the snap frame. **See Figure 9.**



Graphic Notes:

If the graphic appears wrinkled or wavy, it may be oversized and should be removed & trimmed slightly.

If moisture or static electricity spots are visible, insert a small amount of talcum or foot powder on the transparency where these spots appear.

If you intend to use the same graphic for an extended period and/or near a window, a Cibachrome® or process-printed transparencies is recommended.

LED Service:

Contact Stylmark directly at 800-328-2495 for questions regarding service to your Optima 1000 LED backlit light box.

Acrylic Care and Maintenance

Storage

The Optima™ LED Backlit Light Box should not be stored near heat sources, as heat tends to soften and deform acrylic sheets. Do not store sheets near spray painting booths or expose them to other solvent vapors.

Caring for Acrylic Panel

Washing

Wash the acrylic panel with a solution of mild soap or detergent and lukewarm water. Use a clean soft cloth, applying only light pressure. Rinse with clean water and dry by blotting with a damp cloth or chamois. Grease, oil, or tar may be removed with a good grade of hexane, aliphatic naphtha, or kerosene.

DO NOT USE: Window cleaning sprays, kitchen scouring compounds or solvents such as acetone, gasoline, benzene, alcohol, carbon tetrachloride, or lacquer thinner. These can scratch the sheet's surface and/or weaken the sheet causing small surface cracks called, "crazing."

Dusting

Dust with a soft, damp cloth or chamois. Dry or gritty cloths may cause surface scratches and create a static electric charge on the surface.

Polishing

Protect the acrylic panel and maintain its surface gloss by occasional polishing with a good plastic cleaner and polish. Apply a thin, even coat with a soft clean cloth and polish lightly with cotton flannel. Wipe with a damp cloth to help eliminate electrostatic charges that can attract dust particles.

Neutralizing Static Electricity

Static electrical charge can develop on the acrylic panel during handling and installation. Static electricity attracts dust, chips, etc. floating in the air or on nearby work surfaces and holds these contaminants tightly to the surface. Compressed air will remove much of this surface dirt. Several anti-static cleaners for plastics are also available which will reduce static electricity and dust attraction. Wiping with a soft damp cloth or chamois is all that is necessary to keep acrylic sheet dust-free between applications of these cleaners.

Removing Scratches

Fine scratches can be removed by hand polishing. Apply a plastic scratch remover to a soft flannel pad and rub. When the scratches have disappeared, remove all residue and polish. For deeper scratches, first sand lightly with a 400-grit "wet or dry" sandpaper, using plenty of water and rinsing the sandpaper frequently. Follow by buffing with a clean muslin wheel and a good polishing compound. For the highest gloss, use a clean-up wheel made of soft cotton or flannel sections and on which no compound is used. An electric drill with a buffing wheel is ideal.

ADDITIONAL TECHNICAL INFORMATION

Fire Precautions

Acrylic sheet is a combustible thermoplastic. Precautions should be taken to protect this material from flames and high heat sources. Acrylic sheet usually burns rapidly to completion if not extinguished. The products of combustion, if sufficient air is present, are carbon dioxide and water. However, in many fires, sufficient air will not be available and toxic carbon monoxide will be formed, as it will when other common combustible materials are burned. We urge good judgment in the use of this versatile material and recommend that building codes be followed carefully to assure it is used properly.

Compatibility

Like other plastic materials, acrylic sheet is subject to crazing, cracking, or discoloration if brought into contact with incompatible materials. These materials may include cleaners, polishes, adhesives, sealants, gasketing or packaging materials, cutting emulsions, etc.

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