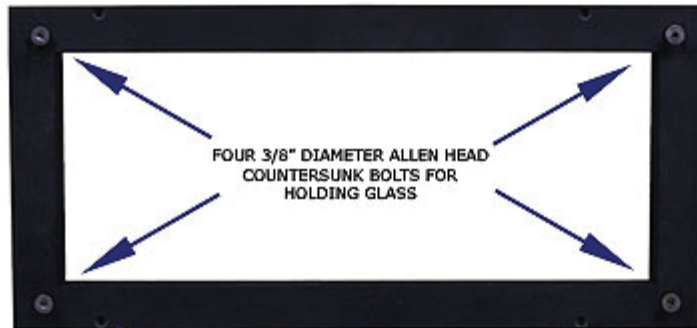


# Luminary Architectural Sign™ Hardwood Frame



FOUR WALL MOUNTING HOLES ON EACH SIDE FOR FASTENING HARDWOOD FRAME. LARGER FRAMES MAY HAVE SIX OR EVEN EIGHT MOUNTING HOLES DRILLED.



BRASS THREADED INSERTS TO HOLD FRAME EXTRUSION



ALLEN HEAD COUNTERSUNK SCREWS ARE USED TO MOUNT ALUMINUM EXTRUSION TO HARDWOOD FRAME (OVER THE TOP OF THE GLASS).

# General Information and Assembly Instructions

## PACKING, SHIPPING AND CONTENTS.

All Luminary Architectural Frame Signs larger than 12" x 18" are shipped in a 2-section custom built wooden crate with the glass separate from the frame. Signs smaller than 12" x 18" are normally shipped assembled and are well protected in corrugated boxes. For larger signs, the glass sign blank will be packed in one side of the crate and on the other side will be the assembled aluminum and hardwood frame. The crates for most large signs will be attached vertically on a pallet to avoid damage. Each sign is shipped with an AC power adapter and Allen Key wrenches for sign frame assembly and disassembly. Each crate is marked with a label stating which side the glass and the frame is located. Actual wall mounting hardware (screws or lag bolts) are not included, as this will vary depending on the type and construction of wall that the sign is being mounted to.

## UN-PACKING AND DISASSEMBLING THE LUMINARY FRAME SIGN.

If you require the crate to be used for future shipping use please take care in removing the sides of the crate. The sides are always fastened with #2 Philips head screws. Remove these screws to access the frame and glass. If the glass is already etched please take extra care to avoid soiling any of the abrasive etched or color filled surfaces. Please lay both the glass and the frame down carefully on a protected surface.

## GLASS.

All glass used for Luminary Architectural Frame signs is 1/2" thick Crystal Clear Glass (also known as Low Iron Glass) and it is drilled with four 3/8" diameter countersunk holes for mounting the glass to the hardwood frame. When the glass is mounted to the hardwood frame the wall mounting holes can be seen on the outside perimeter of the wood frame. Additional mounting holes can be drilled by the customer if they are needed. The normal size of the glass used for Luminary Architectural Signs is 2" less than the overall size of the assembled sign. All Luminary Architectural Sign glass is fabricated with ultra high polished edges to allow maximum LED illumination penetration into the glass. Luminary Architectural Signs can be installed using a variety of lag-bolts, butterfly bolts and wall plugs. This hardware can be readily purchased from most hardware stores. Sign installation preference will depend on the type and strength of the wall, the weight of the sign and the mounting holes used.

## LUMINARY ARCHITECTURAL SIGN.

Each Luminary Architectural Sign comes assembled with 12 volt Ultra Bright™ LED's and is supplied with a standard AC Power Adapter that is sized to operate the correct number of LED's used in the sign. The Sign Frame is made from high strength aircraft grade aluminum. Each Luminary Architectural Sign Frame is assembled to the hardwood mounting frame with 8 precision countersunk stainless steel Allen Head screws. All mounting screw locations on the hardwood frame are fitted with precision brass threaded inserts. These inserts allow for easy assembly and disassembly of the sign.

## To install the glass into the Luminary Architectural Sign.

First remove the 8 stainless steel Allen Head countersunk head screws that hold the aluminum frame sections into place, using the Allen Key Wrench supplied with the sign. You will notice that each of the four sections of the Luminary Frame have electrical wiring and a connector that joins the sections and LED's together.

The connectors will allow you to disconnect each section and put it aside until the hardwood frame and glass is installed on the wall. You will also notice that electrical wiring that connects the AC Power Adapter is located in a small groove made in the hardwood frame (usually located in the bottom left hand side when viewed from the front). The glass must be placed on the wooden frame countersink facing up. Loosely insert the 4 Allen Head steel screws in all 4 corners. Once the glass is aligned with the frame, tighten the screws being careful not to over-tighten. After the hardwood frame and the glass are installed on the wall, the individual aluminum sections can be installed and the wiring re-connected.

## INSTALLATION.

Careful consideration must be first given to the nearest location of an AC power outlet or junction box. Each Luminary Architectural Sign is shipped with an AC Adapter that plugs directly into a standard 110 volt outlet. Optional AC Adapter/transformers and longer electrical wiring harnesses are available for permanent wiring installations. Once the location of the sign has been determined we suggest you apply a line of masking tape marking the top edge of the sign on the wall. The center of the sign position should then be marked on the masking tape and on the frame with a pencil. Please make absolutely certain that the line of masking tape on the wall is checked with a spirit level. The next step will require assistance from a helper (or helpers) to locate the sign (hardwood frame with glass attached) on the wall.

Once the sign is in the correct position, clearly mark (or pilot drill) the hole locations which will be used to bolt the sign to the wall. Once the hardwood sign frame hole locations have been marked on the wall, the lag bolts (or any other type of mounting hardware you are using) need to be installed into the wall. The electrical feed will now need to be installed. The hardwood frame (with glass attached) can now be installed permanently on the wall. You are now ready to bolt each of the aluminum sections back into place. Remember to re-connect all the electrical wiring. We suggest you test the sign before tightening all the Allen screws.

For factory assistance or questions please call our customer service department at: **1-866-208-9130**.