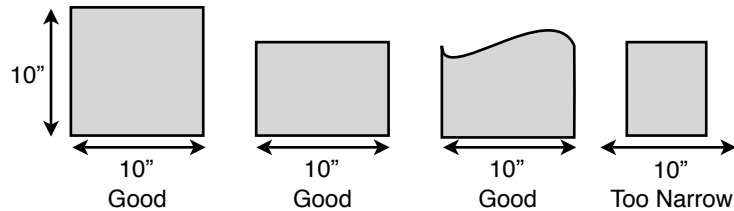


## Using the 10" Lamp Panel Former

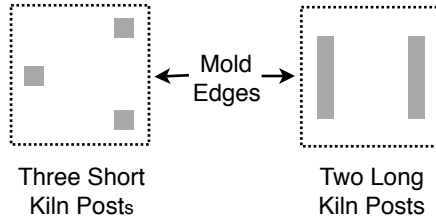
Create your glass panels using Colour de Verre's Square Fuser or by traditional fusing techniques. The finished panel should be 10" (25.5 cm) wide. It is recommended that the panel be no taller than 10" (25.5 cm) high.



Before each firing, clean the Lamp Panel Former mold with a stiff nylon brush to remove any old kiln wash. Then give the mold three or four thin, even coats of Hotline Primo® Primer. Make sure each coat is complete dry before applying the next. (A hair dryer can be used.) Use a ruler to find the midpoint of the bottom and top edges of the glass panel. Mark these two points. At each end of the mold, at the upper most point of the curve, are two small arrows. Align these two arrows with the marks you made on the glass panel. Check to make sure the panel is perfectly centered and that the top and bottom edges are parallel to the mold's ends.

Place three short kiln posts (or two longer kiln posts laid on their sides) on the kiln shelf. These are to elevate the mold above the kiln shelf so that heat can circulate completely around it.

Pick up the mold and glass by inserting your fingers into the mold's handles and using your thumbs to hold the glass in place. Transfer the mold into the kiln.



Use the following schedule for COE 96 Glass. Increase temperatures by 25°F (15°C) for COE 90:

- Segment 1, 150 - 200°F (80 - 115°C)/hour to 1200°F (650°C). Hold 5 - 10 minutes.
- Segment 2, AFAP to 960°F (515°C) without venting. Hold 1 - 2 hours.
- Segment 3, 60°F (35°C)/hour to 700°F (370°C). Off. Cool kiln without venting.

AFAP (As Fast As Possible) = Full = 9999 = SKIP

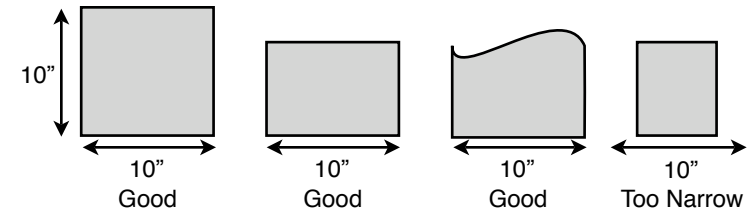
For designs that incorporate a wide range of thickness, use the following schedule:

- Segment 1, 100°F (55°C)/hour to 1200°F (650°C). Hold 5 minutes.
- Segment 2, AFAP to 960°F (515°C) without venting. Hold 2 - 3 hours.
- Segment 3, 30°F (15°C)/hour to 700°F (370°C).
- Segment 4, 60°F (35°C)/hour to 400°F (220°C). Off. Cool kiln without venting.

Revised Apr 08

## Using the 10" Lamp Panel Former

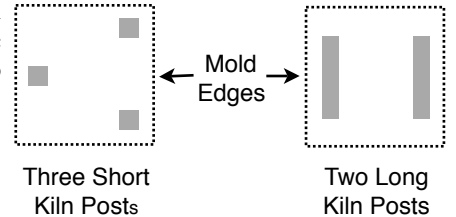
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Revised Oct 09

## 10" Lamp Assembly

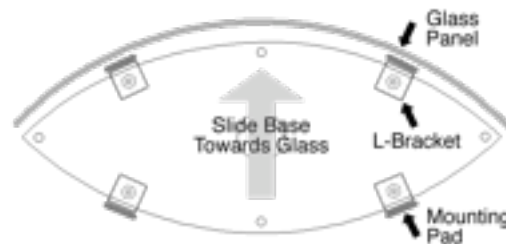
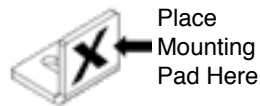
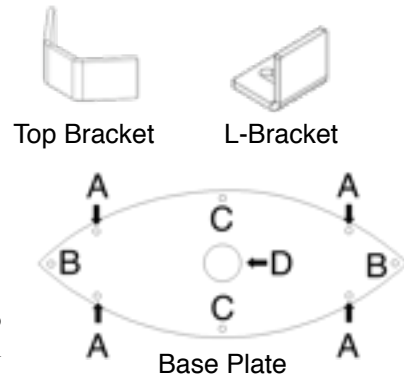
Follow the instructions that came with the Colour de Verre Lamp Panel Former to create the two curved, glass panels that will become the lamp's sides.

First, do a quick inventory of parts that came with your lamp kit. The lighting kit consists of:

- 4 Round Feet
- 4 Nuts with captured lock washers
- 8 Screws
- 9 Industrial Mounting Pads (two extra)
- 1 Socket Assembly with cord
- 2 Top Brackets
- 6 L-Brackets
- 1 Base Plate

### Instructions

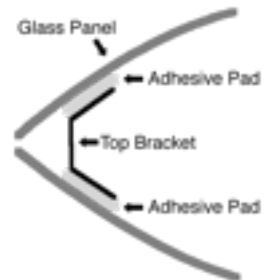
1. Clean the lamp panels' inner surface, the Top Brackets, and the L-Brackets with isopropyl ("rubbing") alcohol.
2. Remove the protective strip from only one side of six Mounting Pads and attach them to the solid side of the L-Brackets. Apply pressure to each for about 5 seconds to activate the adhesive.
3. Into the holes labeled "A," insert a screw and attach an L-Bracket to the Base Plate with a nut. Tighten the nuts only "finger tight." The Mounting Pads should face out and the nuts should be on the same side as the L-Bracket. At this point, you will have two "extra" L-Brackets.
4. Stand the first panel on a level workbench, center the Base Plate, and slide it into the concave side of panel until the Mounting Pads touch. Adjust the L-Brackets so the Mounting Pads are tight against the glass and tighten the screws.
5. Remove the second protective strip from the two Mounting Pads (a knife point helps) and slide the Base Plate against the glass. The Mounting Pads are very sticky and will attach immediately. Support the glass panel and press it firmly against the Mounting Pads for at least 5 seconds so they adhere completely. (If you



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make a mistake, quickly pull off the tab, use your thumb to "roll off" any adhesive, and clean the glass and L-Brackets with alcohol. Use the extra Mounting Pads to re-mount the panel.)

6. Remove the second protective strip from the Mounting Pad on one of the extra L-Brackets and slide it into place over hole "C" and press it against the glass panel. Again, apply pressure for 5 seconds. Don't use a screw to hold it into place, yet.
7. To make installation of the second panel easy, remove the screws that are holding the first panel to the Base Plate. Set the panel aside. (Your glass panel should now have three L-Brackets attached.) Put the screws back into the Base Plate and secure them with the nuts. Why? This will keep the Base Plate level as you attach the second panel.
8. Repeat steps 4, 5 and 6 with the second panel.
9. Lay the panel and base on its side. Allow both panels to rest at room temperature for 24 to 48 hours. This allows the adhesive in the Mounting Pads to cure completely.
10. Insert a screw through the middle L-Bracket (the hole "C") and the Base Plate. Rather than a nut, thread on one of the Round Feet. The screw head should be on the same side as the L-Bracket and the Round Foot should be on the opposite side of the Base Plate.
11. Put screws through the two holes labeled "B" and, again, thread a Round Foot on each screw.
12. Attach the first panel using nut and screw combinations at the holes labeled "A". Use a screw and Round Foot combination at the hole labeled "C".
13. To secure the glass panels with the Top Brackets, cut one of the remaining Mounting Pads in quarters and remove one protective strip from each quarter. Mount the quarter pads on the sides of both Top Brackets. Remove the second protective strips from the pads and position the Top Brackets near the top of the lamp where the two glass panels meet.
14. Turn the lamp upside-down. Leave the lamp upside-down for 24 hours to give the adhesive pads on the Top Brackets an opportunity to cure.
15. Wait until all the pads have cured and then to run a bead of E-6000® (or similar) adhesive around the edge of each pad. This is the final step to secure the panels. Allow 24 hours for E-6000® to completely cure.
16. Push the Socket Assembly through hole "D" until the clips lock it into place. Turn the lamp right-side-up and install a candelabra-base bulb no larger than 60 watts.



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