

# Fusing Glass Lampshades

*Creative Paradise Inc.*



## Materials:

- [GM76 Lamp Drape](#)
- Suitable Glass Separator/ZYP
- Fusible Compatible Sheet Glass
  - [COE96 Colors Used \(Example 1\)](#):
    - Clear Iridescent
    - Light Olive Green Transparent
    - Caribbean Blue Transparent
- Glass Cutting Supplies
- Thin Fire Paper

This general guide will walk you through the process of creating gorgeous fused glass lampshades with the GM76 Lamp Drape!

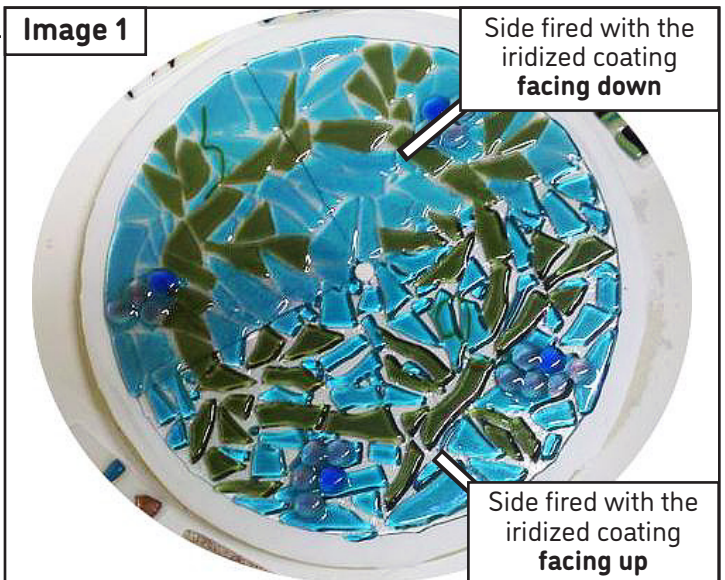
This technique is particularly simple and effective, as it requires no drilling.

## Preparing the Base Layer:

Begin by cutting an 11.75" diameter circle of standard thickness Clear Iridized sheet glass. Cut this circle in half, then cut each section in half again for a total of four wedge-shaped pieces.

Carefully nip the tips of these wedges with a mosaic nipper so that when they are reassembled into a circle there is a gap in the middle where they meet (visible in **Images 1 & 2**). The size of this gap depends on the size of your lamp hardware, so measure and cut accordingly. To ensure this gap remains open, cut and wrap a few strips of Thin Fire Paper to a similar diameter as your hardware, secure with a piece of tape, and place it in the gap to act as a plug.

**Image 1**



Side fired with the iridized coating facing down

Side fired with the iridized coating facing up

When placing the wedges back into circle shape they can be placed with the irid-coated side facing up or down. Irid side facing down will allow the design layered atop it to fuse fully and directly, resulting in a smooth, unbroken iridized finish on one side and a standard looking full fuse on the other (see **Image 4** on **Page 2** for a clearer example). Irid side facing up will cause the design layered on top to slightly resist fusing, resulting in a more texturized or piece-y look. The top half of the circle in **Image 1** shown above was fired irid side down, while the bottom half was fired irid side up. Choose whichever fits your vision best!



**Image 2:** Wedges of sheet glass arranged on Clear Iridescent atop Thin Fire Paper in the kiln.

## Adding the Pattern:

Place the Clear Irid base pieces either irid side up or irid side down on a suitably sized sheet of Thin Fire Paper on a level shelf in the kiln and arrange your design on top (**Image 2**). For the lampshade shown in **Example 1**, wedges of Light Olive and Caribbean Blue were arranged into a pinwheel pattern. You can add other pieces of nipped or cut glass as desired, like the additional wedges shown in **Image 2**. If your pattern is complex, such as the one in **Image 1**, it may be helpful to anchor certain key pieces in place with a dot of Clear Elmer's Glue.

## Fusing:

Regardless of your pattern, make sure the seams between the initial Clear Irid wedges are completely covered with additional glass to ensure a uniform fuse. If using a Thin Fire Paper plug to keep the center open, take care that the design extends completely to the plug but doesn't compress or otherwise dislodge it.

Once you're happy with the design, fire the project using the suggested schedule in **Table 1** or your own preferred Full Fuse.



**Image 3:** The same glass as **Image 1** on **Page 1** after fusing.



**Image 4:** The same glass as **Image 2** on **Page 1** after fusing and draping, demonstrating the unbroken iridized finish.

## Draping:

Thoroughly apply suitable separator to the GM76 Lamp Drape as the glass fuses. We recommend spray-on ZYP. **If using a spray-on separator, make sure to wear a mask during application.**

After the glass has cooled and the separator on the mold has dried, center the fused glass directly on top of the mold and transfer to a level shelf in the kiln. If using all transparent glass, the glass can be placed either irid side up, where it will be more visible on the final shade (**Image 4**) or irid side down for a more subtle final iridescence. Fire using the suggested schedule in **Table 2** or your own favorite Draping schedule.

Once cooled, assemble according to the instructions on your hardware and enjoy!

**Table 1: Full Fuse\***

Seg.	Rate	Temp (°F)	Hold
1	300	1100	10
2	300	1350	30
3	9999	1450	10
4	9999	950**	90
5	100	800	15

\*\*If using COE90, adjust this to 900°F

**Table 2: Drape\***

Seg.	Rate	Temp (°F)	Hold
1	125	300	15
2	125	1100	20
3	125	1220	40
4	9999	950**	60
5	100	820	20
6	100	500	05

\*\*If using COE90, adjust this to 900°F

## Featured Mold:



**GM76 Lamp Drape**  
11" Dia x 3" T

\*Before firing, it's important to know your kiln to see if you need to adjust our suggested schedules for your use. For tips on how to do that, [please click here to see our Important Firing Notes!](#)

For more tutorials, information, and molds, check out our website:  
[www.creativeparadiseglass.com](http://www.creativeparadiseglass.com)

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