

Luminous Glass Tree

Creative Paradise Inc.



Featured Molds:

LF233 Large Christmas Tree
GM267 Large Conical Drape
GM268 Triangle Slump
LBGM267 Half Lamp Base
FLBGM267 Full Lamp Base

Making the Casting:

Materials:

- [LF233 Large Christmas Tree](#)
- [GM267 Conical Drape](#) - OR - [GM268 Triangle Slump](#)
- [LBGM267 Lamp Base](#) - OR - [FLBGM267 Full Lamp Base](#)
- COE96 Glass (See Right)
- Suitable Glass Separator/ZYP
- Frit Placement Tools
- Acrylic Paint or Ceramic Glaze for Base
- Liquid Gold or Metallic Paint Pen (Optional)

Suggested Glass:

- F1 Powder Frits:
 - Hydrangea Opal
 - Lilac Opal
 - White Opal
- F2 Fine Frits:
 - Lilac Opal
 - Teal Green Trans. (or F3 Medium)
- F3 Medium Frits:
 - Light Green Trans.
 - Clear (or F5 Coarse)

Begin by treating all non lamp-base molds with suitable glass separator. We recommend spray-on ZYP. Always wear a mask when applying spray-on separator or using powder frits.



Begin by adding F1 Hydrangea Opal, F1 Lilac Opal, and F1 White into the ornaments. Press the frit down gently into each ornament with a finger. Take care not to disturb the separator.



Add F1 Hydrangea around the border of the star topper.



Fill the rest of the star with F2 Lilac Opal.



Add F2 or F3 Teal Green to the low details of the tree.



Back the tree with F3 Light Green until about 1/4" full.



Add F3 or F5 Clear until full. If using fill weights this is about 465 grams of frit total. Transfer to a level shelf in the kiln and fire using the suggested schedule in **Table 1** or your own preferred Full Fuse.

Table 1: Full Fuse*

Seg.	Rate	Temp (°F)	Hold
1	300	1150	45
2	150	1370	20
3	400	1465	10
4	9999	950**	60
5	100	800	05

*Before firing, it's important to know your kiln to see if you need to adjust our suggested schedules. For more information, [please click here to check our Important Firing Notes!](#)

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

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Draping or Slumping:

Image 7



Clean off any residual separator from the casting if necessary. If using Liquid Bright or Liquid White Gold to decorate, add those details at this point so the gold can mature in the following firing. The fused tree can now either be draped to stand as a lamp or slumped into a dish.

The images to the right show the draping process. For slumping, see **Example 2** below.

Image 8



Center the casting on the GM267 Drape by aligning the center ornament at the tree's base with the small center dot on the mold base. Make sure the star is aligned with the top point of the drape and leave a 1/8" gap between the bottom of the glass and edge of the mold.

Image 9

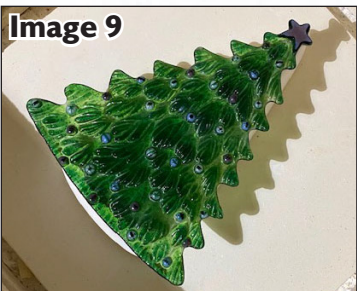
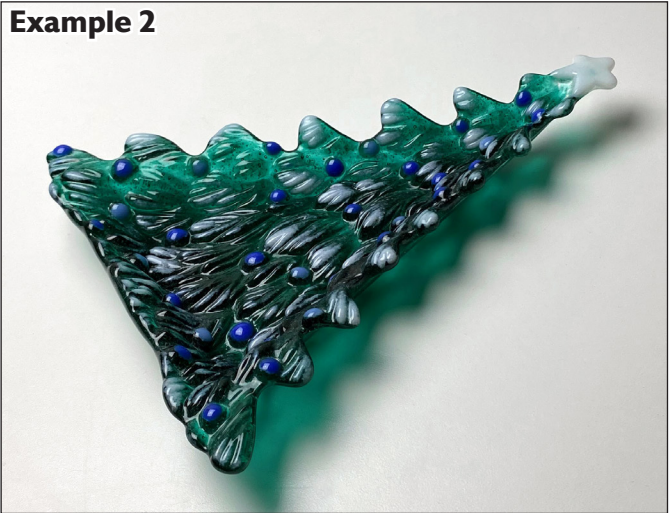


Image 10



Transfer to a level shelf in the kiln and fire using the suggested schedule in **Table 2** or your own favorite Drape schedule. If using Paint Pen for decorations, wait until glass has cooled before doing so.

Example 2



To slump, center the cleaned and decorated (if using Liquid Gold) casting on the GM268 Slump. Place the slump on a level shelf in the kiln and fire using the suggested schedule in **Table 3** or your own favorite Slump schedule. If using Metallic Paint Pen for decorations, wait until glass has fully cooled before doing so.

Seg.	Rate	Temp (°F)	Hold
1	275	1275	15
2	9999	950**	90

Seg.	Rate	Temp (°F)	Hold
1	250	1250	10
2	9999	950**	90

*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!](#)

**If using COE90, adjust these to 900°F

Finishing and Displaying:



Image 11



Image 12



Image 13

For a similar finish as **Example 1** (**Page 1**, also repeated below), first coat the base with the desired color of acrylic stain and allow time to dry completely.

Both the LBG267 and FLBG267 Lamp Bases are made from Cone 04 fired earthenware. They can be decorated in a variety of ways, but acrylics and drybrushing were used here. For more information on using and decorating Lamp Bases, check our [Lamp Base Basics by clicking here.](#)



Image 14

Once the base is dry, use a dry brush to stipple on water-based metallic paint all across the base (silver used here). Allow the base to dry before adding the included hardware.



Image 15

To seat the bulb, insert the metal socket through the bottom hole in the base and out through the top. The wing clips of the socket should hold it firmly in place, and the top of the socket should be level with the top of the base. Screw in the bulb.

Once the draped glass has cooled, place it on the lip around the outside of the base. If using the FLBG267 Lamp Base, two glass pieces will be needed for the full base (**Example 3**). If the glass isn't quite even, a small bit of epoxy or hot glue can be used to adhere it into place.



Example 3



Example 1



Example 4



Example 5

Example 4 used assorted colored powder frits in the ornaments.

Example 5 used Paint Pens to color the ornaments, and is shown on its own in front of a tea light.

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