

Blue Fir Christmas Trees

Creative Paradise Inc.

Materials:

- LF239 Large Fir Tree
- GM267 Conical Drape
- LBGM267 Lamp Base (Optional)
- Suitable Glass Separator/ZYP
- COE96 Glass (See Below)
- Frit Placement Tools
- Acrylic Stains or Other Coloring for Lamp Base (Optional)
- Fairy Lights (Optional)

Suggested Glass:

- | | | |
|---------------------|------------------|-----------------|
| - F1 Powder or | - F2 Fine Frits: | - F3 Medium or |
| F2 Fine Frits: | - Medium Blue O. | F5 Coarse Frit: |
| - Cobalt Blue Opal | - White Opal | - Clear |
| - Pale Blue Trans. | - Pale Blue Opal | |
| - Light Blue Trans. | | |

Example 1:



White Before Blue:

(Ex.1 right, Images 1-5)



Prepare the molds well with suitable glass separator before beginning.
Due to the detailed nature of the LF239, we **strongly** recommend spray-on ZYP.
Always wear a mask when applying spray-on separator or using powder frits.

Image 1:



Fill alternating ornaments with F1 or F2 Cobalt Blue Opal, Pale Blue, and Light Blue. Fill the star with F1 or F2 Medium Blue Opal.

Image 2:



Back the entire mold with a layer of F2 White about 1/4" (~0.64 cm) deep.

Image 3:



Back the White with a 1/4" (~0.64 cm) deep layer of F2 Pale Blue Opal.

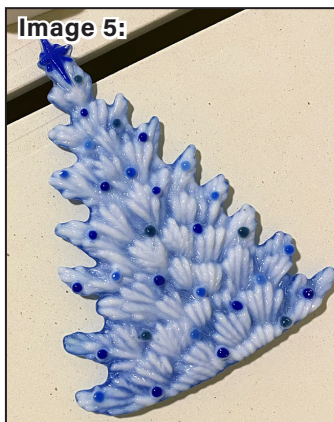
Image 4:



Fill with F3 or F5 Clear until full. If using fill weights, this is about 425 grams of glass.

Sweep the frit back from the edges and mound it towards the center of the mold to help avoid burrs.

Image 5:



Transfer the filled mold to a level shelf in the kiln.
Fire using the suggested schedule in **Table 1** on **Page 2** or your own favorite full fuse.

Blue Before White:

(Ex.1 left, Images 6-10)

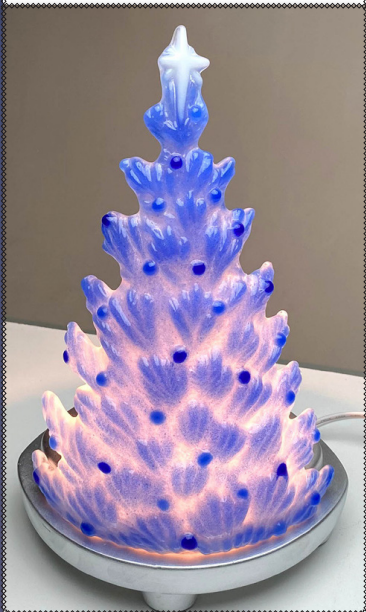


Image 6:

Fill alternating ornaments on the tree with F1 or F2 Cobalt Blue Opal, Pale Blue, and Light Blue Trans. Fill the star with F2 White.



Image 7:

Back the entire mold with a layer of F2 Pale Blue Opal about 1/4" (~0.64 cm) deep.



Image 8:

Back the Pale Blue with a 1/4" (~0.64 cm) deep layer of F2 White.



Image 9:

Fill with F3 or F5 Clear until full. If using fill weights, this is about 425 grams of glass.

Sweep the frit back from the edges and mound it towards the center of the mold to help avoid burrs.



Image 10:

Transfer the filled mold to a level shelf in the kiln.

Fire using the suggested schedule found below in **Table 1** or your own favorite full fuse.

Table 1: Full Fuse *

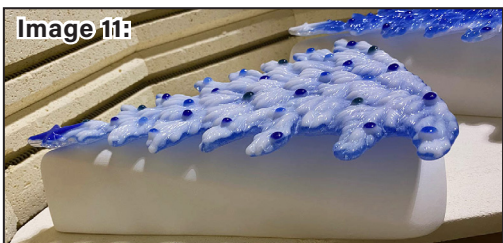
Seg.	Rate	Temp (°C)	Hold
1	167	621	45
2	83	743	20
3	194	793	10
4	Full	510**	60
**If using COE90, adjust this to 482°C			

Once fused, castings can be draped, slumped, or displayed as-is. Continue on to **Page 3** for more on draping on the **GM267 Conical Drape** and displaying on the **LBGM267 Lamp Base**.

*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 for our Important Firing Notes!](#)

Draping:

Image 11:



Place the primed GM267 on a level shelf in the kiln and set the casting on top. Center the tree by aligning the central ornament on the tree's base with the center mark on the mold and aligning the top point of the star with the top point of the mold.

Table 2: Drape *

Seg.	Rate	Temp (°C)	Hold
1	138	688	10
2	Full	510**	60

**If using COE90, adjust this to 482°C

*Before firing, it's important to know your kiln. For more on that, [click here for Important Firing Notes](#).

Image 12:



The casting should be raised about 1/8" (~0.32 cm) from the mold's edge.

Once aligned, drape using the suggested schedule in **Table 2** or your own preferred draping schedule.

If the glass is not draped at a hot enough temperature, it will not fully conform to the bottom edge of the mold and may not stand on its own or lie level on the Lamp Base. If this occurs, the glass can be re-draped (see **Re-Draping**, to right).

Re-Draping:

Image 13:



The glass in **Image 13** did not fully drape, as the very tips of the glass are still angled away from the curve of the mold.

To re-drape it into proper shape (as in **Image 14**), fire using the same draping schedule with an additional 10°F* added to the schedule's top temperature.

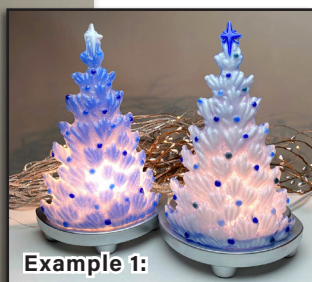
Image 14:



* CONVERSION NOTE:

This is a difficult increment to convert, but approximately 7°C should do the trick at these temps.

Displaying:



Example 1:

Once fully draped, castings can generally stand on their own. They can then be displayed in front of a small candle or votive, or wrapped in thin, battery-operated strands of fairy lights for a more whimsical source of illumination as in **Example 2**.

Castings shaped on GM267 can be displayed on the LBG267 or FLBG267 Lamp Bases. These bases can be decorated with glazes or paints such as the silver acrylic paint used in **Example 1**.

Once the paint dries, insert the light socket through the hole in the bottom of the base. Push it through until the top edge of the socket aligns with the top edge of the top hole of the base. If desired, add a bit of epoxy or hot glue between the base and the glass for a more permanent fixture (or to stabilize a wobbly casting).

For more details on decorating and assembling Lamp Base Kits, [please refer to our Basic Tutorial here!](#)

Example 2:



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Creative Paradise Inc.



LBG267 Lamp Base Kit:
Space for one casting



FLBG267 Kit:
Space for two castings