



Night Blossom

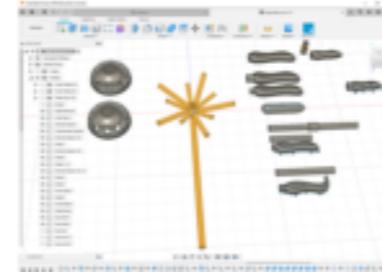
What is it?

The Night Blossom is a unique, hand-made flower that only blooms at night. Its glow comes from 15 separate vials of gaseous, radioactive tritium. Tritium emits electrons through beta decay and is the only radioluminescent light source still in use.

Tritium beta radiation is safe, as it is insufficient to penetrate human skin. The half-life of tritium is about 15 years

Construction

Starting with an original design, 3D printed models for the petals, bud, and stem were created. The petals were then sanded, and a custom-tinted epoxy was applied.



Construction

The vials were inserted into the petals and bud, which were then cemented in place. The stem and was finished in a similar manner and glued to the back to permanently encase the tritium.

