INFINITY

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Robert Bruce Thompson Student Lighting Competition 2017
INFINITY light fixture

Infinity is forever, and is most characterized by the use of no boundaries. This INFINITY light fixture will symbolize the limitless quality of life, and the infinite amounts of time it has, which will be shown through triangles. Unfortunately, life is not infinite for us. This loss will be shown through the voids that appear in the perimeter of the triangle. However, the continuation after the gap shows how the memory and light of those lost will always continue on.

INFINITY symbolizes the joy of being alive, and the spirit of those lost that remain alive in our hearts. The fixture itself is an abstract version of the word ALIVE, with each fixture representing a letter. This fixture comes in separate parts that snap together, which allows for a greater use of flexibility within the museum. Each part can also be customized in different sizes for the user’s particular need, and to serve other functions in the museum.

INFINITY is user friendly can be seen as an art installation that people can walk through and touch, and is easily movable for changes. The material is a transparent metal that allows illumination changes based on daylight levels, making it energy efficient. Color-changing OLED panels are built into this fixture, allowing light to emit from 360°, creating a soft, mesmerizing glow that is able to change colors depending on the event taking place. The CRI value is 85+, in order to ensure quality lighting for the artwork as well as visual comfort.
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**Elevation Front View**

**Elevation Side View**

**Technical Drawings**

**Section Detail of Panel**

- Low-Voltage OLED Panel
- Transparent Metal Panel
- Bracket to hold OLED in place

**Fixture Components**

- **A**
  - A-1
  - A-2
  - A-3
  - A-4

- **L**
  - L-1
  - L-2

- **I**
  - I-1
  - I-2

- **V**
  - V-1
  - V-2
  - V-3
  - V-4

- **E**
  - E-1
  - E-2
  - E-3
  - E-4

**Module Connector**

**Photo-Sensor**

**Driver**

**Junction Box**

**RGB Controller**

**Surface Glow Rod Connector**

**Electrical Conduit**

**Transparent Metal Panel**

**Bracket to hold OLED in place**
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Color-Changing Examples

Daytime View Showing Less Illumination

Nighttime View Showing Brighter Illumination