Student Lighting Design Competition 2021

DESIGN with LIGHT

ABOUT
DesignWithLight is a student lighting design competition organized by the Philadelphia Section of the Illuminating Engineering Society (IES) to raise awareness and understanding of the lighting design profession within the student community.

This year, students will be tasked with developing a custom tabletop luminaire to be displayed as a centerpiece at The Philaments awards banquet - an evening celebrating the local architectural lighting design community. Through this competition the goal is that the student become more aware of the interaction between light and materials and the effect that interaction has on the individual experience. This competition will help students explore various techniques in using light and materials to create a desired lighting effect and emotional response.

In response to the international COVID pandemic, the IES Board of Managers is unable to determine when the next Philaments Awards Banquet will be held. The committee will make its best efforts to acknowledge the winners of the competition at the next live IES event, whenever that may be. The winners of the contest will be invited to this event but are not required to attend. Please email the committee chairs for more details.

SCHEDULE

**Friday, February 26, 2021**  Application Deadline

**Friday, April 23, 2021**  Project Mail In Deadline

**Sunday, May 23, 2021**  Winners Announced

**TBD June 2021**  The Philaments Awards Banquet at The Ballroom at the Ben, 900 Chestnut Street, Philadelphia

COMPETITION GUIDELINES

REGISTRATION:
- Students that wish to participate shall complete the online form by **No Later Than February 26th, 2021**
- Please email Evan Wilson – Committee Chair at ewilson@thelightingpractice.com and Jason Bradshaw - Committee Chair at jason@beamltd.com once you have completed your registration to confirm receipt

INSPIRATIONAL PHOTO:
- Your luminaire design concept shall be inspired by a photo of light.
- The Photo must be taken with your own cell phone or digital camera.
- The Photo must capture the interaction of light in the built or natural environment. Experiment, play, search for something interesting and unique, and have fun.

LUMINAIRE DESIGN AND BUILD
- Contestants are free to use any materials they want to construct their luminaire. Please refrain from using any materials that will rot, decompose or will not be able to withstand shipping. Contestants are advised to use sturdy building materials and fastening methods
- **The use of any 3D printed materials or components is banned and will result in immediate disqualification**
- The Inspirational Photo shall be sent along with the luminaire and the photo shall be printed on an 8x11 piece of paper.

IES Philadelphia Section
COMPETITION GUIDELINES (Cont.)

- The Luminaire shall not exceed the following dimensions: 8” W x 8” L x 12” H  
  Tip: Imagine yourself sitting with 8 others around an 8’ diameter table lined with a white table cloth. Think about the type of lighting that would evoke an interesting conversation. Think about the size and shape of the fixture and not wanting to impair anyone’s view of the person sitting across the table.

- The Luminaire shall be self-sustainable; it should be able to stand on a table without cable or suspension supports.

- The Luminaire shall be self-powered; the light source(s) used shall be battery operated and not require a power cord for illumination.  
  Tip: There are many online sources for procuring battery operated lamps. Be creative and test the product at the beginning of the project.

- The Luminaire shall be innovative in use of materials.  
  Tip: Think about the type and placement of the light source and using papers, acetates and materials that interact with the light in a way to best evoke the same feel and lighting effect found in the photo.

- The Luminaire shall be well crafted.  
  Tip: Think about how the material are held together, how the battery can be concealed and accessible so that they can be replaced or recharged. Think about where the on/off button and/or the remote shall be located for ease of use.

- The Luminaire shall have your name on the bottom of the luminaire. Fixtures which do not have a name shall be immediately disqualified

*All submitted materials will become ownership of the IES Philadelphia section used for public display, publication, and promotional materials. It will be the responsibility of the student to make arrangements to have their luminaire returned.

SHIPPING

Please send all packages to the following address:

ATTN: Evan Wilson

The Lighting Practice
Public Ledger Building
600 Chestnut Street, Suite 772
Philadelphia, PA 19106

IES Philadelphia Section
JUDGING

A panel of three judges shall be appointed to review the entries and determine the awards. Judges will be selected from the Philadelphia-area and be in the lighting, architectural, and/or interior design profession.

The luminaire design will be judged based on the following criteria and point system:

**Project Criteria:**

Luminaire
- Project Guidelines for the luminaire were met, the luminaire was not larger than the dimensions provided, was self-sustaining, and battery operated
- Construction and craftsmanship
- Success in being able to manipulate materials in a way that captures a similar color, texture, and intensity of light as illustrated in the inspiration photo
- Success in designing a luminaire that produces a similar human reaction and emotion response that is found in the inspiration image

AWARDS

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<tr>
<th>Award</th>
<th>Prize</th>
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<tbody>
<tr>
<td>First Place</td>
<td>$2,000</td>
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<tr>
<td>Second Place</td>
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<tr>
<td>Third Place</td>
<td>$1,000</td>
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<tr>
<td>Honorable Mention</td>
<td>$200</td>
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*There are (7) Honorable Mention Positions

**Top ten designs:** Will be invited to attend *The Philaments* awards banquet in downtown Philadelphia (Date TBD), where their luminaires will be displayed.

CONTACT

Should you have any questions about the contest, please email the following parties:

- Evan Wilson – Committee Chair ewilson@thelightingpractice.com
- Jason Bradshaw - Committee Chair jason@beam ltd.com

**IES Philadelphia Section**