

Student Lighting Design Competition 2020

DESIGNwithLIGHT

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 Filaments awards banquet – an evening celebrating the local architectural lighting design community. The luminaire design concept should arrive from an inspirational photo of light that the student has taken themselves. 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.

SCHEDULE

Thursday, February 28th, 2020

Application Deadline

Saturday, April 4th, 2020

**Build Day - Center City Philadelphia,
University of The Arts - Gershman Y Building
401 South Broad Street,
Philadelphia, PA 19147**

Sunday, May 17th, 2020

Winners Announced

Thursday, June 6th, 2020

**The Filaments Awards Banquet
The Ballroom at the Ben,
900 Chestnut Street
Philadelphia, PA 19106**

COMPETITION GUIDELINES

REGISTRATION:

- Students that wish to participate shall complete the online form by **No Later Than February 28th, 2020**
- Students that attend a school or university that falls outside a 30 mile radius from Center City Philadelphia will be allowed to participate in the competition via webcam – fixture materials will be sent in the mail for such instances
- Please contact Evan Wilson – Committee Chair at ewilson@thelightingpractice.com and Jason Bradshaw – Committee Chair at jason@beam ltd.com if you are otherwise unable to reasonably obtain transportation to the competition venue

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.

BUILD DAY:

- Students shall arrive no later than 8:00 AM the competition will commence at 8:15 AM. Late comers shall not be allotted extra time to finish their luminaire
- The build event will be held at the following address:

University of The Arts – Gershman Y Building
401 South Broad Street,
Philadelphia, PA 19147

IES Philadelphia Section

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COMPETITION GUIDELINES (Cont.)

BUILD DAY:

- Materials and tools to build the luminaire shall be provided – no student-provided materials other than a light source and electrical components shall be used in the construction of the luminaire
- The use of any 3D printed materials or components is banned and will result in immediate disqualification
- The Inspirational Photo shall be brought to Build Day. The photo shall be printed on an 8x11 piece of paper. Please write your name and the school you attend on the back of the paper. Students participating via webcam should send their photo in pdf format via email to Evan Wilson and Jason Bradshaw by April 1st (include name and the school within the email)
- Participants shall be given (4) hours to complete their luminaire
- Refreshments will be provided during the competition

LUMINAIRE:

- 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.*

- Judging and Awards Listed on Next Page -

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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

First Place:	\$1,000
Second Place:	\$750
Third Place:	\$500
Honorable Mention*:	\$100

Top ten designs: Will be invited to attend *The Filaments* awards banquet in downtown Philadelphia June 6th, where their luminaires will be displayed.