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Respondent  
1 Lisa Kidd

20:05  
Time to complete

### Instructions:

**NOTE: To remain eligible for SSC funding after the Step 1 application, the SSC strongly suggests that project leads present their proposed projects at a working group meeting BEFORE submitting their Step 2 application. If you have not attended a working group meeting, please do so and then continue the Step 2 application.**

Linked below is our calendar with all of our working group meetings  
<https://studentengagement.illinois.edu/student-sustainability/ssc/calendar/>

If you have any questions about the application process, please contact the SSC at [Sustainability-Committee@illinois.edu](mailto:Sustainability-Committee@illinois.edu).

1. Please select the working group meeting at which you presented. \*

- Energy + Transportation & Infrastructure
- Food & Waste + Land, Air, & Water
- Education & Justice

2. Date of Working Group Presentation: \*

4/9/2024 

3. Project Name: \*

KCPA Cyc light replacement

4. Total Funding Requested from the SSC: \*

168,895.00

5. Project Lead Full Name: \*

lisa kidd

6. Project Lead Department: \*

KCPA Lighting Director

7. Project Lead University Email Address: \*

lisakidd@illinois.edu

8. Are you a student? (NOTE: All student-led projects must have a faculty/staff advisor. \*

- Yes
- No

9. Project Category: \*

- Education & Justice
- Energy
- Food & Waste
- Land, Air & Water
- Transportation & Infrastructure

10. **Project Abstract:**

In 200 words describe the project \*

Krannert Center for the Performing Arts would like to upgrade stage lighting in the theaters to LED fixtures. The fixtures we would like to upgrade first are the CYC lights that wash our Cycloramas. These fixtures are original to the building, and were put into service in April of 1969, that puts the fixtures well past their intended life span and they are extremely inefficient. Now that the LED has proven to be an effective tool in theaters it only makes sense to start upgrading with the oldest and less efficient fixtures. Krannert Center feels it's very important to do our part in helping to reduce the carbon footprint. This project would make a large impact on CO2 reduction for heat for a relatively small investment. This project will impact student productions in a very positive way.

Project Team Member List (Student projects must include their faculty/staff advisor's info)

Project Lead

11. Full Name: \*

Robert Kaylor

12. Department: \*

Theater

13. University Email Address: \*

rkaylor3@illinois.edu

14. Do you have a faculty/staff advisor? \*

- Yes
- No

Project Team Member List (Student projects must include their faculty/staff advisor's info)

Faculty or Staff Advisor

15. Full Name: \*

Trinity Nett

16. Department: \*

Theater

17. University Email Address: \*

tnett2@illinois.edu

18. Do you have additional members? \*

- Yes
- No

### Project Team Member List (Student projects must include their faculty/staff advisor's info)

Additional Member

19. Full Name:

Jasmyn Oliveros

20. Department:

Theater

21. University Email Address:

jasmyno2@illinois.edu

22. Do you have additional members? \*

- Yes
- No

### Project Questionnaire

23. Beyond SSC, do you have other sources contributing funding or support (e.g., staff time, external grants, etc.) to this project? \*

- Yes
- No








24. Do you have a plan for ongoing funding beyond SSC? (SSC does not guarantee ongoing financial support) \*

- Yes
- No

25. Have you spoken with anyone in UIUC's Division of Facilities & Services or a facility's site manager (if relevant) regarding project feasibility and/or approval? \*

- Yes
- No

26. Please attach any letters of departmental commitment or support here along with any other supplemental media that will support your application (presentations, pictures, etc.).

-  LED ROI cyc light calculations 2hrday v3\_Lisa Kidd.xlsx
-  SSC narrative v4\_Lisa Kidd.docx
-  SSC-budget-KCPA step2 v3\_Lisa Kidd.xlsx
-  Color Force II Plus 72™ Spec Sheet V1.1\_Lisa Kidd.pdf
-  Elation Seven Batten 72 - User Manual\_Lisa Kidd.pdf
-  incandescent cyc light\_Lisa Kidd.jpg
-  incandescent lamp close up\_Lisa Kidd.jpg

27. **Project Timeline:**

List your project's timeline and milestones. (NOTE: SSC funding agreements remain active for two years and it is expected that the awarded amount will be spent within the award period.) \*

Submit order ASAP  
Depending on shipping  
Complete depending on shipping 9/10/2024

28. **Project Description:**

Describe your project in sufficient detail such that we can evaluate its merit and feasibility.  
What does your project hope to accomplish?  
What are your project's deliverables? \*

This project hopes to replace very inefficient stage lighting fixtures with new LED fixtures. Also giving the students to opportunity to use standard industry equipment. Once funded the project can move fast. We place the order, depending on manufacturing and shipping the project hopes to be completed and working by the fall semester of 2024.

29. **Environmental Impact:**

How does your project increase environmental stewardship at UIUC?  
If applicable, what is the carbon, water, waste, and/or energy savings? \*

See attached ROI, energy saves between \$42,507.00 and \$108,000.00 annually

30. **iCAP Objective Correspondence:**

Does your project aim to advance one or more of the Illinois Climate Action Plan's (iCAP) objectives? If so, how?

A full list can be found here:  
<https://icap.sustainability.illinois.edu/objectives>

yes 2.1, 2.2, 2.2.2 buy reducing energy consumption. see attached energy savings calculators

31. **Student Impact:**

How many students will be directly impacted by this project? \*

average 22 students in lighting design and technology along with the other students that work for the lighting department from other departments that will work directly with the equipment.

32. How many students will be indirectly impacted by this project? Please be realistic in your estimate. \*

Its really hard to estimate how many students come to shows through out the year. I would say average 200 per week during the school year.

33. How will this project benefit students?

How will students be involved with this project?  
What educational components are in your project? \*

The students will work directly with the new technology for installing. Then they will design their shows using the equipment. CUrrently we have 3 students working directly with the project. They will help with the final testing of equipment before orders are made. We will demo the current specified equipment. They will be involved with that and then the unpacking and install of the new equipment. Once its installed they will be able to design the lighting using it for years to come.


## Project Finances

34. **Please Complete the Attached Budget and Timeline Excel File**

Please be very descriptive when filling out the document. Submit the completed document below.

<https://studentengagement.illinois.edu/student-sustainability/ssc/docs/SSC-Supplemental-Budget-Timeline.xlsx>

\*

 [SSC-budget-KCPA step2 v3\\_Lisa Kidd.xlsx](#)

35. **Project's Finance Manager:**

Must be a fulltime UIUC faculty or staff member\*\* \*

Lisa Kidd

36. Project's Finance Manager's Department: \*

Lisa Kidd

37. Project's Finance Manager's University Email: \*

lisakidd@illinois.edu

38. Has your project and/or project team applied for SSC funding previously? \*

Yes

No