

LANDSCAPE LIGHTING

Description: The student (maximum of one individual per school) will design and install a small “residential” lighting. The design may include pathway lighting, up lighting, and down lighting. The lighting system must “work”, meaning that all lights must illuminate and provide the effect required by the design.

Pre-Event Qualifying Test: There will be a proctor monitored online test held onsite at NCLC. The testing center will be open Tuesday, March 12 from 10 am – 10 pm and Wednesday, March 13 from 7 am – 7 pm. See the schedule for room assignments. Results will be posted on Wednesday night at 9 pm.

Time: The student will have one hour to complete the online qualifying exam. The top 12 scorers will move on to compete in the lighting installation event. Time used to complete the exam will be used as a tiebreaker.

Limits: The sponsor reserves the right to limit the number of teams that will compete, due to time constraints. Schools will be entered into the lottery based on the date their registrations were received and paid for. (Registrations that are received late or have not been paid will be placed on a waiting list.)

JUDGING CRITERIA

Points: 100 possible points for the individual score, the individual score is doubled toward the team score for 200 possible points.

Points will be assigned based on the following criteria:

1. Proper placement of lights to ensure client goals are addressed and safe egress through the “landscape” is achieved.
2. Lights are properly installed, wires attached accurately, and all lights illuminate.
 - a. Proper wire connections
 - b. All fixtures are within proper voltage operation range
 - c. Fixtures are placed and focused to achieve all the client’s needs
 - d. Transformer/Timer is correctly programmed per client’s instruction

Time will only be used as a tiebreaker.

Students should bring the following materials to the event: Wire cutters and strippers, volt meter and multi-screwdriver

Sponsor is required to supply the following materials for the event:

- Wire nuts
- Electrical tape
- Fixtures
- Wire
- Any other items deemed necessary for this event