

**Designers Lighting Forum of Los Angeles presents the
Lesley Wheel Memorial Scholarship**

DESIGN PROJECT NO. 12:

**Decorative Wall Sconce
(on free standing display)**

The Challenge

Design and build a decorative wall sconce prototype that is functional, and meets ADA (Americans with Disabilities Act) standards. The fixture must be displayed for the competition in an upright position, as though it were attached to a wall. A space no more than 24" x 24" on a tabletop will be reserved for each fixture display.

Lamp Requirements

Students shall begin with (1) self-ballasted compact fluorescent lamp rated at approximately 19w from any manufacturer. If the exact lamp shown is not available, entrants may use any similar wattage in the same shape. Students will be asked to incorporate a deck of cards to act as a "mock" ballast in the design.

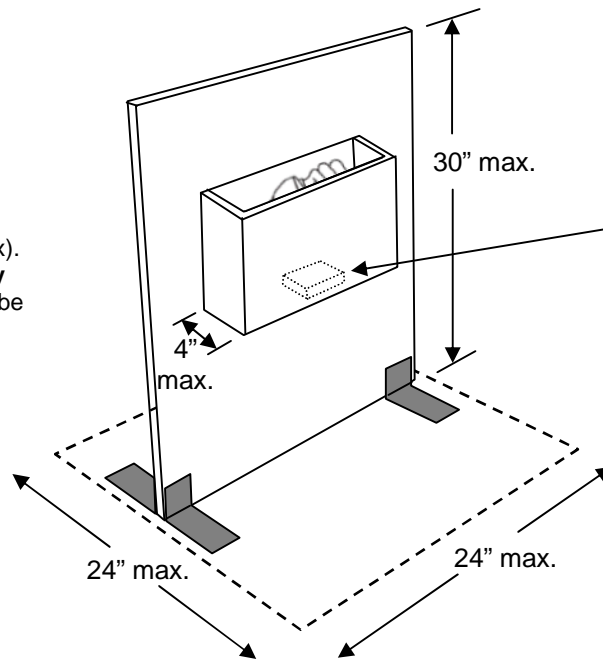
Registration Procedure

To register, visit our website at www.dfla.org and click on Scholarship. All registration forms must be submitted by April 26, 2010. There is no charge to register for the competition. Students are required to procure a self-ballasted compact fluorescent lamp, rated at approximately 19w, from any manufacturer for use as the lamp for their fixture design.



A typical 19w self-ballasted compact fluorescent lamp (equal to a 75w light bulb) and all the parts needed to build your prototype can be found at any home store

Build your model so that the entire fixture fits within the defined space (24" x 24" max). **Fixture must be completely free standing.** Fixtures will be displayed on 30" tables.



Fixture/Sconce shown is for reference only. Students are to design their own fixture style and shape.

A standard commercial fixture would have a ballast, so the students must allow space and design the fixture with a **deck of cards within the fixture.** This will serve as a "mock" ballast for your design.

Compact Fixture/Display must stand 30" or less to the TOP of the display /fixture, and must fit within the maximum 24" x 24" allowed footprint. Maximum weight of fixture with display is 25 lbs

Design Intent

Students are challenged to build functioning prototypes of a Wall Sconce. The design of the fixture is entirely up to the student, however that design must follow competition guidelines.

Fixture Competition Guidelines

1. Entrants shall use a 19w screw-in (self ballasted) fluorescent lamp to create a Sconce.
2. The prototype design must allow space for a ballast. A commercial fixture would have a ballast incorporated into the fixture to run the lamp. Even though, for price and ease of design, you will be using a self ballasted lamp in your Sconce, we want you to deal with the issue of having space for a ballast in the fixture. To that end, you must place a deck of cards (mimics the approximate size of a typical small ballast) hidden within your Sconce.
3. The Display must be free-standing (**do NOT count on leaning the display board against a wall**). The total "foot print" of your Fixture/Display Board may not exceed 24" in length, 24" in width, and the top must be less than 30" high. Fixtures with display may not exceed 25 lbs. in weight.
4. There is no limit to material choices and entrant's imagination, however the fixture must meet ADA requirements for low profile sconces. This means that fixture protrudes a maximum of 4" from the wall. This measurement does not include the junction box, or any part of the fixture that is recessed into the wall surface.
5. The prototype must have an attached power cord minimum 6'-0" long. Locate an inline power switch on the cord within 12" of the fixture, so the fixture may be turned on and off without reaching the floor. Alternately, a switch on the fixture or display will be acceptable.
6. Fixture must be provided with a non-grounded male Edison plug (2-prong). All wiring connections must be made safe. Fixtures with exposed conductors will be disqualified. (hint: because the lamp is low wattage fluorescent, you can use a smaller gauge lamp wire with a snap-on rotary in-line switch, and snap-on ungrounded plug – both available at Home Depot)
7. Prototypes are not intended to operate for extended periods of time. They will be illuminated briefly for judging.
8. Fixture prototype must be accompanied by student-designed Brochure, and "Student Display Placard" (see below for details).

Brochure Criteria

The prototype is to be accompanied by a 2-page brochure (8.5" x 11").

- Page 1 - A specification sheet including line drawings, construction materials, wattage, voltage, lamp life, etc. Please create a name for your fixture or product and include it in your brochure.
- Page 2 - An 'advertising' tool, this page should include images showing the intended uses of the fixture and any additional "sales" information that would make your fixture appealing.
- Include your name only on the back of each page. Do not list your school here.
- Hint: Use a plastic sheet protector to keep your documents together and clean.

Student Display Placard

This form is attached as part of this document. It contains identification information for the student, and will also serve as a marker during the competition. Please fill this form out and bring with you on the day of the judging.

Entry Checklist

- Fixture meets all size and weight requirements
 - Fixture has at least a 6'-0" power cord with a 2-prong un-grounded plug
 - Fixture has a switch located on the power cord within 12" of the fixture, or a switch located on the fixture or display itself
 - Top of fixture/display is 30" high or less.
 - Lamp is 19w self-ballasted compact fluorescent "twist" style
 - Fixture is ADA compliant and projects from the wall 4" or less
 - Fixture incorporates a deck of cards hidden within to serve as a "mock" ballast
 - Fixture is provided with both a fixture brochure and a fixture specification sheet.
- Don't forget to name your fixture!**
- Student is prepared for a verbal presentation should they reach finals judging
 - Student display placard is filled out and submitted with fixture

WHAT TO EXPECT THE DAY OF JUDGING

Fixture Drop Off - Fixtures are to be delivered on May 4, 2010 to GAM Products at:

GAM Products Showroom
4975 W. Pico Blvd.
Los Angeles, CA 90019
(323) 935-4975

Fixtures must arrive no later than 1:30 pm or they are subject to disqualification. Free parking is available in the parking structure below the building (accessed from the alley behind the building). The fixture will be evaluated by two sets of judges. Finalists from the afternoon judging will be notified that afternoon by phone, and then expected to present their prototype fixture at the meeting that evening.

Fixture will be placed on narrow banquet tables with the documentation displayed in front of the fixture. These tables will NOT be placed against a wall, so all fixtures MUST be completely free standing.

Verbal Presentation – Each entrant should prepare a five-minute presentation to explain the benefits and design process of their fixture. Entrants will then field questions from the evening judges and audience members. Only the finalists will be required to make the presentation at the evening judging session at 7:00 pm. This will serve as the final phase of the judging process.

Disposition of Projects - All projects must be collected that evening, May 4th, after the DLF program (approx. 9:00pm). The DLF-LA will not be responsible for any fixtures left behind. The DLF scholarship committee will retain finalist's prototypes for display at the Lumen West Awards Banquet on June 26, 2010 in Los Angeles. Finalists are invited to attend this banquet, as guests of the DLF-LA and White Associates, where the scholarship winner will be announced. If a finalist you would like to bring a guest, additional tickets for the Banquet will be available for purchase.

Fixture prototypes will be judged on:

Aesthetics

Performance

Design concepts - including creativity of design

Clarity and creativity of brochure

Clarity and creativity of verbal presentation

Please note: If we cannot locate you on May 4th between 4:00 and 6:00 pm to let you know you are a finalist, and eligible for the verbal presentation portion of the contest, you will not be able to complete the competition. To ensure we can reach you, make sure you fill in a phone number where you can be reached on the "Place Card" page.

If you have any questions, please contact:

Lauri Maines 626-579-0943; lmaines@elplighting.com

Student Display Placard

This form must accompany your entry or your project will not be accepted for judging. The phone number must be a number where you may be reached the day of the competition. If we cannot locate you to let you know you are a finalist, and eligible for the verbal presentation portion of the contest, you will not be able to complete the competition.

Phone number where student may be contacted on May 4, 2010 between 4:00 – 6:00pm

Name: _____

School: _____

Field of Study: _____

Product or Fixture Name: _____

Entry Number: _____