



**R. J. BESAL SCHOLARSHIP  
2008 – 2009**

**RECOMMENDATION FORM**

Instructions: Part A of this form should be completed by the nominee  
Part B should be completed by an appropriate individual of the nominee's choice  
(Please check the appropriate box)

- A faculty member who can discuss the nominee's potential for a career in the lighting sciences
- A faculty member in the nominee's field of study
- Another individual/faculty member who can attest to the nominee's potential for a career in Lighting

This letter of recommendation should be returned to your Besal Scholarship Campus Liaison. Letters of recommendation must be included with the other official nomination materials.

Part A  
Nominee

\_\_\_\_\_  
(Please print)                      Last                                      First                                      Email

Part B

The Student named above has been nominated for a Besal Scholarship. Scholarships will be awarded on the basis of academic performance as well as demonstrated interest in and commitment to a career in lighting sciences

The Besal Fund would like your evaluation of this nominee's ability, characteristics, motivation and potential for a career in the lighting sciences, or in engineering.

Your evaluation must include the following: On what criteria do you base your judgments? How does the nominee meet your criteria? Be as candid as possible, citing any incidents that illustrate the nominee's maturity, initiative, and potential.

After returning this and other completed materials to the Campus Liaison, they will forward the completed Nomination Packet via email to [phornor@lithonia.com](mailto:phornor@lithonia.com). Your evaluation will become part of the nominee's confidential file, intended for the use by the Besal Scholarship Review Committee.

Name of Person Making Recommendation \_\_\_\_\_ Date: \_\_\_\_\_

Email Address: \_\_\_\_\_ Phone: \_\_\_\_\_

Affiliation: \_\_\_\_\_ Title: \_\_\_\_\_

How long have you known the nominee? \_\_\_\_\_ In what capacity? \_\_\_\_\_

**You may attach a document here or submit it as a set of documents attached to an email.**

## R.J. BESAL SCHOLARSHIP

2008 – 2009

### Lighting Design Project Form

Name of Nominee: \_\_\_\_\_

University: \_\_\_\_\_

#### **Directions:**

Present your ideas and any product descriptions, etc. via one (1) pdf file with as many pages as necessary. Forward to your Campus Liaison for submission.

The insight you bring to this discussion is as important as your logic and your creativity.

**After reading the essay below, describe the elements of your proposal to the client. The proposal should clearly identify options so that they can evaluate the financial and non-financial tradeoffs as they finalize their renovation plans. They are especially interested in understanding what the renovated spaces will look like as well as reducing energy costs and their environmental impact.**

You have received a contract to provide the lighting design for a major U.S. banking corporation who is focusing on office renovations. Their multi-story offices have significant window area around the perimeter are typically a 9-foot ceiling with white ceilings and tan carpeting. Open office areas include 8' x 8' cubicles, 5' tall with a dark blue fabric. Interior walls are painted with an off-white color. Private offices are generally located around the perimeter of each floor and vary in size.

The client is very interested in the "green movement" and is interested in reducing their environmental footprint. They have also heard that a tax incentive is available for energy efficient lighting, but do not understand what is required or what the financial benefits are. The architect has discussed LEED CI certification, but they are not sure whether the lighting renovations can help them obtain LEED credits. They also have an interest in creating a work environment for their employees that improves employee satisfaction. They are a publicly traded company with a strong focus on financial performance. They have identified a target for a 3-year payback for the lighting renovations. They are willing to consider your thoughts regarding renovation of the space layout and furnishings as well as non-tangible financial benefits associated that may improve employee morale or public image.

The current power density of their offices is typically 1.5 watts/sf, with 80 horizontal foot-candles using recessed lensed troffers with T8 lamps. The open office area is controlled with a building energy management system that turns the lights off late at night and on early in the morning. All cubicles include two T8 under-cabinet task lights. Private offices typically include lighting with more aesthetic appeal and some accent lighting – controlled with manual wall switches or wall-boxed dimmers. The first office on their renovation plans is in an area with an average energy rate of \$0.10/kWh, however peak demand can jump to as much as \$0.15/wWh.