

Case Study: Museum Lighting

Project: **Appleton Museum of Art**

Location: Ocala Florida

Client: Energy Focus, Inc.

Synopsis: The Appleton Museum of Art is a 65,000 square-foot, three-building cultural complex in Ocala, Florida. It is home to over 18,000 pre-Columbian, Asian, and African artifacts and 19th-century objects d'art. In 2006 the museum elected to replace all of the lighting in the public spaces in an effort to reduce operation costs.

Challenges: Replace existing halogen luminaires with an energy efficient source of high quality white light while eliminating ultra violet and infrared radiation.

Solution: High Efficiency Distributed Light (fiber optic) system connected to custom luminaires.

Results: 75% Energy Savings (Lighting)
Reduced Maintenance Costs
Improved Color Rendering
Elimination of Infrared and Ultra Violet Radiation
without additional lenses or filters



WEBERANALYTICS: **Preliminary Audit**

Exhibit Space Survey

**Lighting Design, Lighting Calculations,
and Modeling**