

# Custom Lighting Design & Fabrication

## Factory Direct

### “Canoe” Fixtures

Four Winds Casino --- New Buffalo, MI



Lengths: 16, 34 (*pictured*), and 43 feet  
Frame Construction: Structural Aluminum  
Diffuser: Thermoformed Cast Acrylic Sheet  
Lighting: Multiple Technologies

- Cold Cathode
- Festoon Uplights
- Halogen MR16 Downlights

### Pendant Fixtures

Glessner House Museum

Chicago, IL



Body: Satin Nickel Plated Brass  
Shade: Satin Nickel Plated Aluminum  
Dimensions: 32" Diameter x 48" H  
Number of Lights: 3

### “Ball Chain” Chandeliers

Arista Hotel --- Naperville, IL



Frame Construction: Aluminum  
Dimensions: 14' 10" L x 24" W x 18" H  
Bead Material: Nickel Plated Steel  
Number of Lights: 15  
Number of Chains: 2428  
Total Number of Beads: 92264

### LED Cove Lighting

Illinois Science & Technology Park --- Skokie, IL



Frame Construction: Aluminum  
Dimensions: 23' x 14' Oval  
Number of LEDs: 1490

Lumenelle®

## Owner Supplied Light Fixtures Result In Significant Savings:

- ☑ Eliminate outside lighting designer fees. Our design staff can design and fabricate your custom light fixtures from as little as a napkin sketch, concept drawing, or historic photographs.
- ☑ Eliminate any rep and sales commissions.
- ☑ Eliminate any distributor markups.
- ☑ Eliminate any contractor markups.

## Advantages Of Factory Direct Custom Fixtures:

- ☑ Having your custom lighting designed by experienced “product designers” and “industrial designers” skilled in:
  - “Design for Manufacturing” which reduces the number of components and fabrication labor cost. Savings passed on to you.
  - “Design for Serviceability” Eventually, all fixtures require lamp replacement, routine maintenance, and cleaning. Lumenelle designs to minimize total cost of ownership.
  - “Design to Cost” Lumenelle’s design team can help you choose features, materials, finishes, etc. to design lighting products to meet your budget or cost goals.
- ☑ Unknowns and surprises are greatly reduced or eliminated. Rapid prototyping mockups means that you can see what you are getting **before** fabrication begins.
- ☑ Having a Lumenelle technician walk the installation (electrical) contractor through the first installation. This eliminates installation errors and can reduce installation cost significantly.

## About Lumenelle:

Lumenelle also designs and manufactures custom lighting products in styles ranging from vintage to contemporary. Lumenelle has created custom light fixtures for clients from casinos (*Four Winds Casino - New Buffalo, MI*), to hotels (*Arista Hotel - Naperville, IL*), to museums (*Glessner House Museum - Chicago*).

What separates Lumenelle from most other lighting firms is that we can fabricate custom lighting both in our factory, on-site, or a combination of both as is most appropriate for the project. Lumenelle has a well established reputation of integrating our work schedules with that of the other trades. Lumenelle typically works hand-in-hand with the project’s electrical contractor to assure safe and efficient installation of the custom fixtures. Lumenelle’s craftspeople have all had OSHA training and have the appropriate safety equipment for working on construction sites.

Lumenelle also restores and recreates historic lighting fixtures to original appearance using either traditional incandescent lamping or conversion to traditional incandescent, energy efficient metal halide, induction, or fluorescent, or state-of-the-art LED (light emitting diode) where desired and possible. In 2007, Lumenelle was involved in the largest hotel renovation in North American history with our restoration of 23 crystal chandeliers for the Grand and State Ballrooms of Chicago's landmark Palmer House Hilton.

For more information about Lumenelle visit us at:

[www.lumenelle.com](http://www.lumenelle.com)

Lumenelle is a member of Landmarks Illinois [www.landmarks.org](http://www.landmarks.org) and supporter of  
The Association for Preservation Technology International (APTI) [www.apti.org](http://www.apti.org).