

# light it up

LIGHTING CAPABILITIES  
& LIGHTING DESIGN



## Green Bay Bridges Lighting Project, Green Bay, Wisconsin

Viking Electric provided the Phillips Color Kinetics LED lighting systems for two bridges in the City of Green Bay, Wisconsin.

The previous bridge lighting systems hadn't been upgraded since 1998, so the city decided to install color changing LEDs because the technology has improved so much since the late 1990s. It's more affordable, more reliable, and it lasts longer than traditional lighting.



## LIGHTING CAPABILITIES

Lighting design, lighting audits, lighting retrofit, control, programming and commissioning

**Viking Electric** offers you the complete lighting solution for your project. Whether you are looking at replacing a few lamps or designing the indoor and outdoor lighting for a new building, Viking Electric will be there to make sure you get the best value for your lighting dollar. Our industry leading suppliers, partnered with our experienced project team, will help you select the correct solution to satisfy your energy and safety concerns.

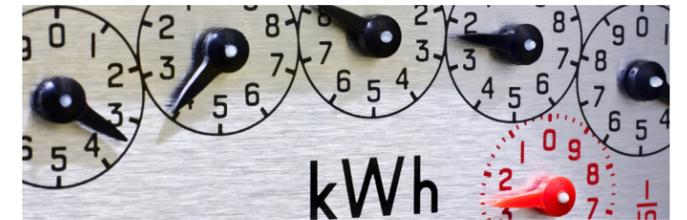
### Lighting Design

Our experienced project team will help you design a lighting solution and support the design with industry leading software and tools such as AGI and AutoCAD. We can provide light level documentation as well as energy consumption estimates for your documentation.



### Lighting Audits

Viking Electric will work with you and your utility representative to offer the most efficient solution for your requirements. We strive to offer an energy efficient lighting upgrade supported by the highest utility rebate available.



### Lighting Retrofit

Viking Electric partners with quality manufacturers providing products that meet your performance specifications with warranty support. Working with our experienced lighting team ensures that the products selected will perform to your expectations now and in the future.



### Lighting Control

Realizing that energy efficient, quality lighting leads to savings, Viking Electric offers expertise in occupancy and daylight harvesting control to complete the equation. Our product recommendations are supported by application experience and documentation, which assures you maximum savings.



### Programming and Commissioning

Viking Electric carries a variety of white and color-changing LED fixtures. Our lighting experts can help turn your project into reality by assisting you with product selection, application, programming and start-up. We continue to support your installation after the sale to ensure you are satisfied with your purchase.



Our experienced project team will help you design a lighting solution and support the design with industry leading software and tools such as AutoCAD and AGI. We can provide light level documentation as well as energy consumption estimates for your documentation.

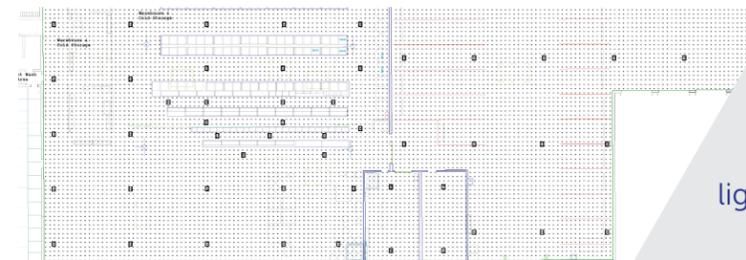
## Job site Rendering

Providing the option of realistic renderings of lumen levels.



## Lighting Power Density

Offering fixture placement and lighting level point-to-point values.



Project 1  
 Area = 41932 Sq.ft  
 Total Watts = 10664  
 Lighting Power Density = 0.254 Watts/Sq.ft

## Helpful Information

- **Do you have electronic drawings for the project?**  
 DWG, .DWF, .PDF
- **Desired foot-candle levels at what plane?**  
 Floor, parking area or work level
- **What are the fixture mounting heights?**
- **Do you need an occupancy sensor?**
- **Do you have a set of specifications?**
- **Any limitations on fixture schedule?**  
 Specific code compliance  
 Manufacturer preference or type
- **Would you like a comparison?**  
 Good, better, best? Source comparison  
 HID/Fluorescent/LED?
- **Would you like an electronic or printed copy, or both?**



**IDS Relamping Project, Minneapolis, Minnesota**  
 Viking Electric provided the Phillips Color Kinetics LED lighting systems for the IDS tower.

# LIGHTING DESIGN

Just one of the services available from Viking Electric

**The St. Paul Hotel Lighting Project, St. Paul, Minnesota**  
Viking Electric supplied the Acclaim color-changing LEDs and provided the lighting design and training for the project.



**Project Management**

When you place your order with Viking Electric, a dedicated Project Manager is assigned to support you during all phases of your project. Our Project Managers are here to provide timely and accurate information. Our goal is to take the surprise factor out of the equation.

We're here to support you with the following services:

- Manage submittals and approvals from start to finish, highlighting requirements and key concerns prior to the release of orders.
- Constantly monitor the project's expected delivery date and billing, while communicating relevant information in a timely fashion.
- Proactively resolve issues that impact job site productivity. This ensures that product is delivered on-time and meets your expectations.



**Light Fixture Carts**

Viking Electric's light fixture carts provide a convenient way to receive and transport multiple light fixtures on the job site. These carts can be delivered and placed on the job site according to floor, wing, or room. In addition, we can remove and recycle product packaging before it reaches the job site, which can help increase your productivity and reduce job site waste. Viking Electric light fixture carts can carry most types of lighting fixtures and components including troffers, recessed cans and trims, emergency exit fixtures, surface mount linear fixtures, under-cabinet fixtures, and many more.

**Inventory Management**

When space at your job site is at a minimum or specific daily delivery is critical to your construction schedule, Viking Electric has a solution. Using our Project Inventory Management program, your complete bill of materials, from all factories, is delivered to your nearest Viking Electric Distribution Center.

- Your product is stored in our secured warehouse until you need it. We will make specific deliveries to your job site using Viking Electric trucks, based on your daily needs.
- Project inventory levels and tracking of shipments are available as needed for the duration of your project.
- All deliveries are sorted and clearly marked for ease of identification on your job site.



**STORED & DELIVERED**



**INVENTORY & SHIPMENT TRACKING**



**ORGANIZED IDENTIFICATION METHODS**

**PROJECT SUPPORT**

When it comes to detailed project management, the solutions we provide are time tested and proven

