



## ENHANCING SAFETY WITH LEDs

Proper outdoor lighting enhances **safety** and **livability** in parks, schools, buildings, and other surrounding areas.

Effective outdoor lighting designs incorporate performance and architecturally relevant aesthetics while remaining sensitive to the growing environmental demands of light control.

**Light-emitting diodes (LEDs)** are the most **sustainable** and **economical** choice for commercial property, outdoor recreation, neighborhoods, streets and highways.

## CONTACT US

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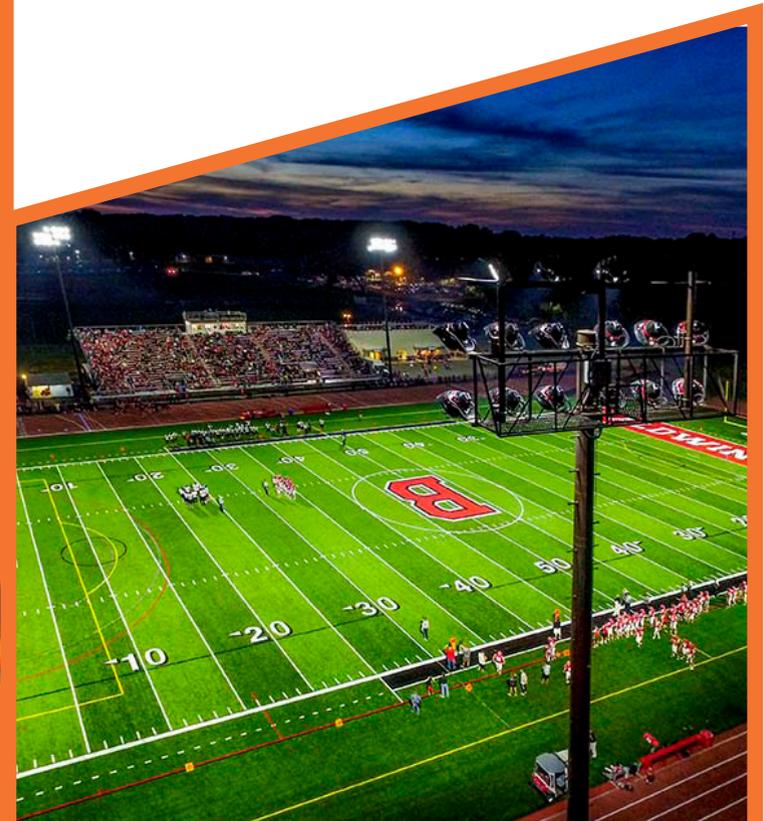
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# OUTDOOR LIGHTING

CHOOSE THE RIGHT LIGHT





## INSTALLATION TIPS

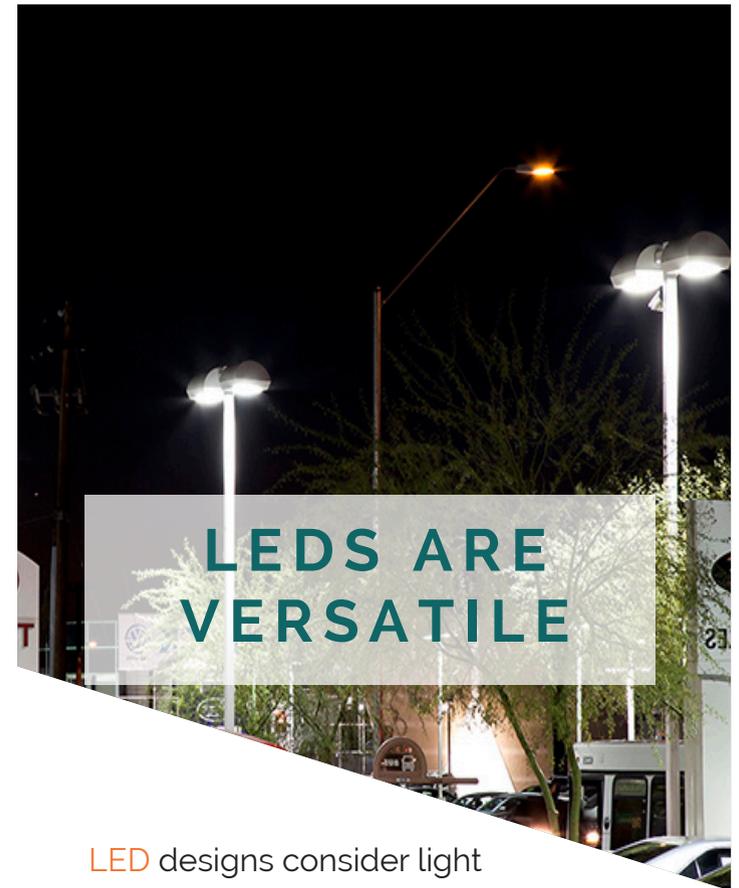
Engineered lighting designs consider a range of key variables unique to a given environment. The design and installation of exterior lights should fit the needs of the application and location.

- Use lighting controls such as motion sensing or dimming
- Use precise optical engine to send the correct amount of lumens exactly where needed
- Restrict illumination to the task or target area (e.g., shield light to curtail up-light, glare, and light trespass)
- Design for minimum energy consumption and required light level
- Always consider lighting controls for your lighting systems as part of the design and operation

## TEMPERATURE OF COLOR

LEDs are available in a range of colors. Optimal color selection can improve safety, visibility, and comfort. LEDs emit no more blue light than other sources at the same correlated color temperature. They are not inherently more hazardous to human health than any other light source.

**Choose the right light** for a safe and secure environment.



LEDs ARE VERSATILE

LED designs consider light distribution, quality, color and glare control, operating and maintenance costs, and public safety. Lighting controls at night enhance user experience, increase safety and optimize the energy utilization with advanced hardware and software that provides real time report of energy consumption, the status of light, GPS location, and more.

The Department of Energy agrees that LEDs offer a high degree of control over the evenness and pattern of light on the ground.