

Case Study: Washington Community High School, Washington, IL



Background

Located about six miles east of Peoria, Illinois, Washington Community High School is a public school that includes grades 9 – 12. The school's curriculum offers the student body more than 100 different college prep, vocational, and general education courses, as well as a robust athletic program. The school mascot is the Panther.



- Displays Site To Scale
- Facilitates Product Selection
- Simplifies Lighting Design
- Creates Photometrics in Minutes

Challenge

Dave Homerin, an agent from Lighting Associates, was called in to this project by contractor Oberlander Electric to help with a proposal for Washington Community High School. The project entailed installing new lighting at the high school.

New lighting was needed to better illuminate a parking lot that's used by parents and students on practice days, gamedays, and during other large outdoor events. Brighter lights would increase safety and security at night and during inclement weather – and would work as a deterrent to any overly exuberant fans.

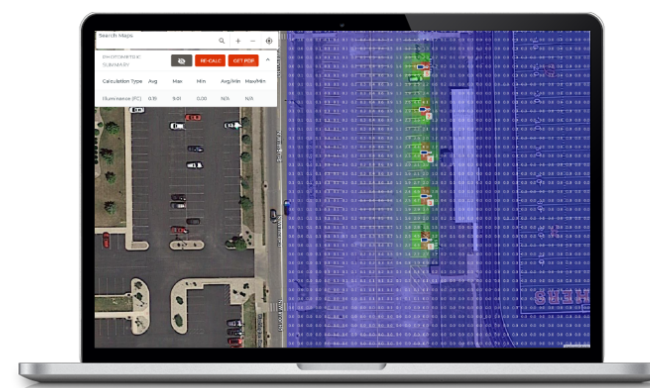
Solution

To save the school money, the contractor wanted to mount the new lighting on the backside of the bleachers and avoid the need for new poles. There was already some electrical infrastructure on the backside of the bleachers, so Dave knew there'd be no problem in finding the right lighting solution within the extensive product line at Cooper Lighting Solutions.

The contractor also wanted to offer an accelerated installation schedule. Again, Dave knew that Cooper Lighting Solutions offers a wide range of ready-to-ship, in-stock products

Results

Light ARchitect made the product selection process simple. Dave used the Light ARchitect App on his laptop to quickly access and show the contractor various in-stock product options. They reached a decision promptly.



Product Used

5 Lumark WPM Wall Pack LEDs

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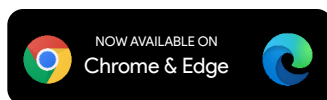
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Creating a to-scale photometric was easy, too. When using the App to access an aerial image of the site from Google, Dave noticed the image didn't show recent changes that had been made to the site. No problem. Dave used the App to quickly update the image while keeping everything to scale.

The photometric helps customers visualize the lighting design. Dave had to design the light so that it was bright enough for the high school without encroaching on the abutting street. The photometric he created with the App clearly indicated the boundaries of the lighting.

The App lets you add recommendations to the photometric for an enhanced view. Dave recommended that the light levels be extended beyond the bleachers and provided two options to consider: budget for new poles for next year or ask Ameren Illinois, the local electric utility company, if they'd allow the new lights to be attached to the existing Ameren poles that run adjacent to the site.

Light ARchitect is the lighting simulation app that makes lighting as mobile as you are. It's free and available for iOS and Android devices as well as web browsers.



Using Light ARchitect was awesome. I could jump on the App, bring up the Google view, and start placing different fixtures. I see how many we could place here, how many we could place there. It makes designing a lot easier.

Dave Homerin, Outside Sales, Lighting Associates