

An Intelligent lighting victory for Gillette Stadium's champions.

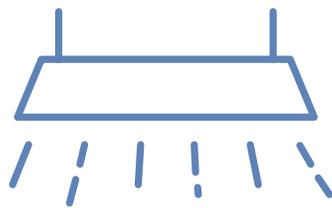
Gillette Stadium Field House in Foxborough, MA is most widely known as the practice facility for world champions. But to its owners, the building has also been a place with high energy consumption and low, uneven light that could be deemed unsafe for players. So they approached us to deploy a lighting solution that's smart, safe, energy efficient—and worthy of real champions.

With the help of Grainger, one of the leading B2B industry distributors used to maintain, repair, and operate facilities—and OpTerra Energy Services, a national energy company providing a unique and extensive set of energy and sustainability management services—we installed Daintree™ controls, our advanced wireless system.

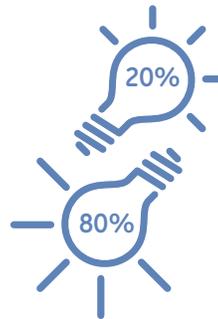
Albeo LED Lighting + Daintree™



SCHEDULING



ENHANCED
VISIBILITY



DIMMERS



OCCUPANCY
SENSORS

The system includes scheduling, enhanced visibility, and dimmers that allow the facility to emulate different field conditions or customize lighting for non-football-related events. To help conserve even more energy, we also installed 29 occupancy sensors—6 mounted on fixture angles at the 50-yard line, and 23 throughout the perimeter of the field.

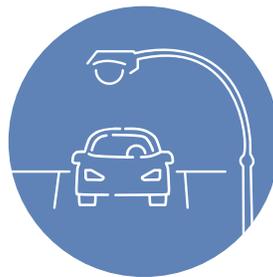
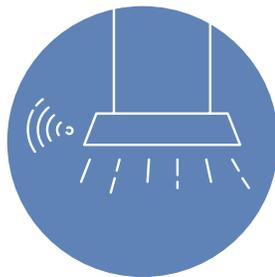
The previous lights required an extensive warm-up time, and needed to be left on throughout the day to assure full brightness at the time of use. So we replaced the 1000w metal halide fixtures with LEDs and sensors to provide an estimated 2000 hours of annual savings with no warm-up time required. Plus, they were task tuned to 70% output (just under 300 watts) for normal operation to save even more.



The results? In addition to providing a safe practice facility for its teams, the Field House has reduced lighting energy consumption by 75% and has even taken advantage of nearly \$100,000 in energy-related incentives through National Grid.

That's why Gillette Stadium Field House is already preparing for phase two of their intelligent system. It will include retrofitted LED lighting and controls for the Atrium, as well as exterior lighting fixtures throughout the parking lots—all of which will save an additional \$250,000 in annual energy costs. Plus, they can continue to build on this investment by adding our suite of productivity and efficiency applications, such as the Energy Management System—which will integrate with existing infrastructure to deliver even more customizable and intuitive energy consumption optimizations.

PHASE 2:



But for now, they can celebrate yet another victory—a smart investment that will have paid for itself with energy savings in just over 5 years.



Want to see how you can
make your environment intelligent?

Contact us to get the conversation started.

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