

Athlite wall control

The high performance, energy-efficient lighting solution for gymnasiums

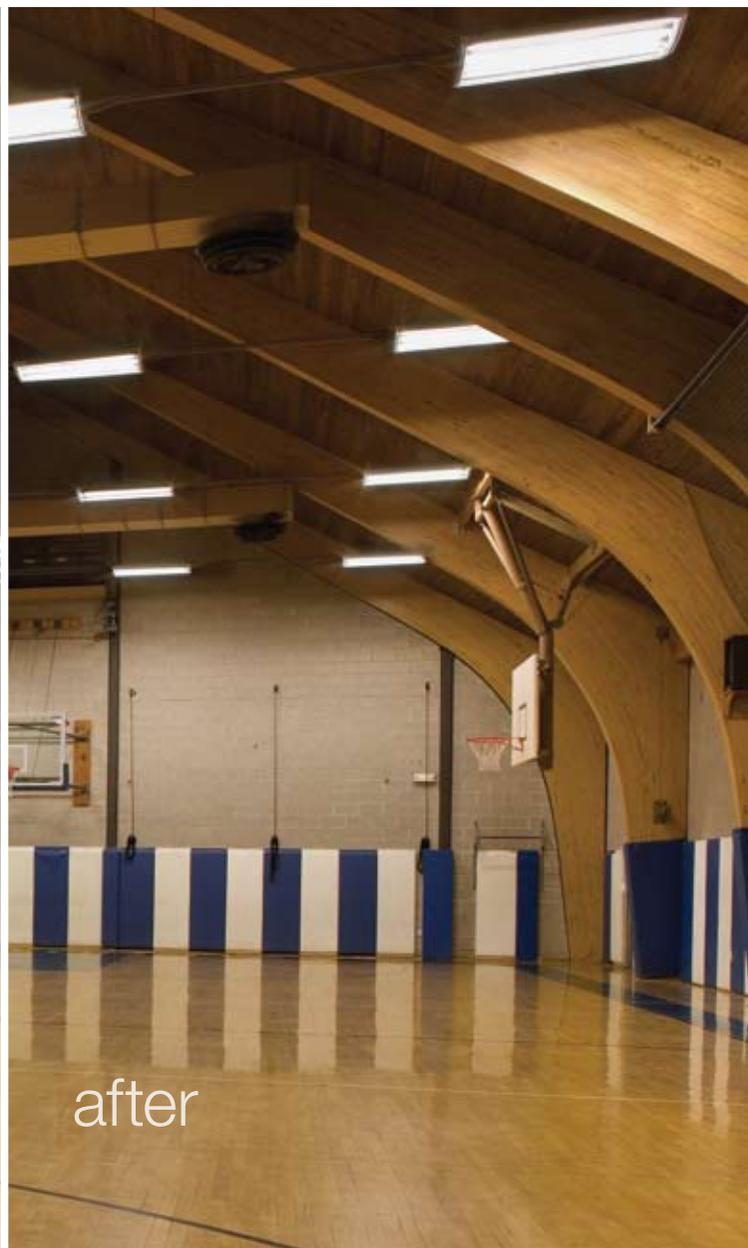
The Lutron Athlite gymnasium lighting control solution combines preset controls and high-efficiency fixtures with fluorescent dimming ballasts to deliver significant energy savings and enhanced light quality.

- Reduce lighting energy consumption by 50 – 80%
- Provide the highest quality lighting for school and community activities
- Increase the flexibility and functionality of your gymnasium
- Create a revenue stream for additional projects

Create the right atmosphere. Provide the right light.

Right atmosphere. Many traditional gymnasium lighting systems can create glare and uneven illumination, known as “hot spots.” Athlite creates a more evenly illuminated surface and reduces overhead glare, providing a high-performance athletic environment for your students and community.

Right light. Most gymnasium lighting is all on/all off, forcing your gym to either be over-lit or in the dark. Athlite provides 4 preset lighting levels, the ability to manually adjust lighting, and all on/off so you always have just the right light to create a flexible, multi-purpose space.

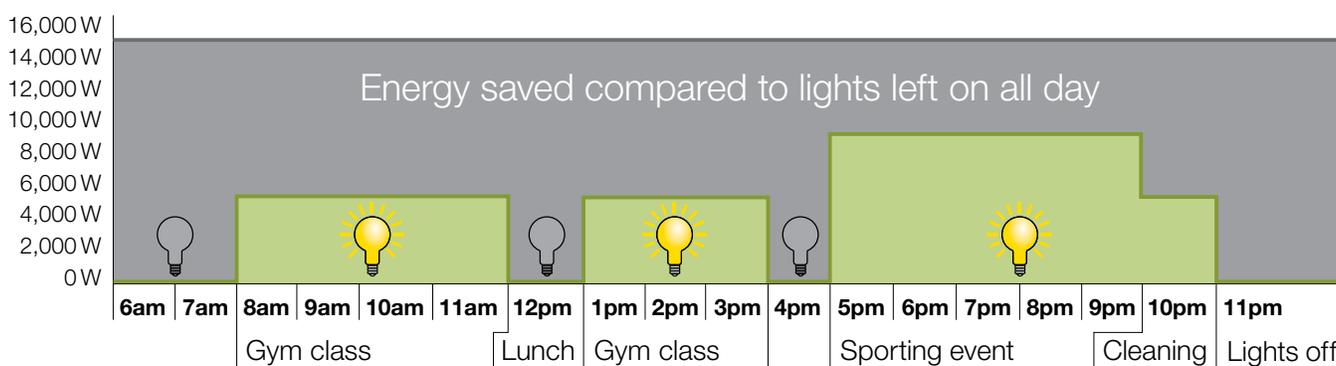


Save energy and improve efficiency

Install an Athlite system in new gyms, or easily replace less efficient HID (High Intensity Discharge) lighting in existing gyms.

Traditional HID Systems	Athlite Lighting and Control Solution
Lights require warm-up time – are typically left on all day	Lights turn on instantly when you need them – no need to warm up
High wattage fixtures, less efficient	Athlite fixtures reduce initial wattage by 45 – 50%, saving energy
Lights are at “full on” all the time	Provides the just the right light for any activity and saves energy

Athlite allows you to reduce the initial wattage of each fixture and turn lights off when the gym is not in use, ultimately saving 50 – 80% versus HID lighting.



Go green and grow green

By providing a more visually appealing, flexible space, Athlite gymnasium solutions can help create a revenue stream by enabling your gymnasium to host athletic events, dances, and community activities.

Implementing the Athlite gymnasium upgrade program					
Number of Gyms	Energy Consumption (KWh)		Operating Cost		Savings per year
	Metal Halide	Athlite	Metal Halide	Athlite	
1	44,553.60	13,680.58	\$4,455.36	\$1,368.06	\$3,087.30
5	222,768.00	68,402.88	\$22,276.80	\$6,840.29	\$15,436.51
10	445,536.00	136,805.76	\$44,553.60	\$13,680.58	\$30,873.02

* Calculations based upon 32 metal halide fixtures (400W) per gym vs. equivalent Athlite solution, operating 180 days per year at \$.10/KWh.

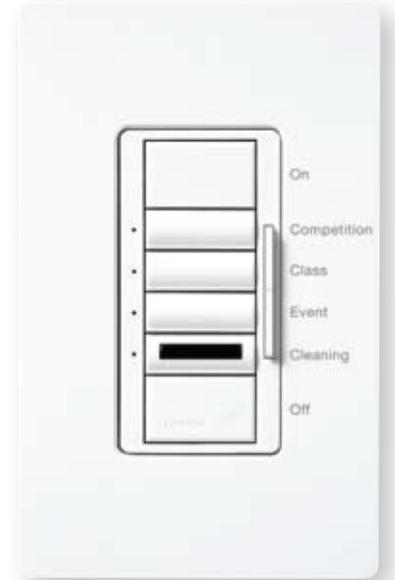
Athlite control packages

Each Athlite package includes a bus supply with mounting enclosure, and 1, 2, 3, or 4 Athlite keypads and faceplates. Athlite fixtures and optional controls are sold separately (see following pages).

- Each keypad control is programmed to accommodate 4 preset light levels as well as manual lighting adjustment, plus on and off
- Faceplates are engraved with *On*, *Competition*, *Class*, *Event*, *Cleaning*, *Off*, making it easy to recall any scene with the touch of a button
- Packaging utilizes recycled stock, and is 100% recyclable



Athlite bus supply, shipped in metal mounting enclosure (CS-1L-WM), supports communication for up to 32 fixtures per module.



Athlite keypad (CC-4BRL-WH) with engraved faceplate (EDU-ATH-1-CW-EGN).

Ordering Athlite packages

All Athlite packages are ordered based on the number of control locations required.

Package Model Number	Description
EDU-ATH-1	includes bus supply with enclosure, 1 keypad and 1 faceplate
EDU-ATH-2	includes bus supply with enclosure, 2 keypads and 2 faceplates
EDU-ATH-3	includes bus supply with enclosure, 3 keypads and 3 faceplates
EDU-ATH-4	includes bus supply with enclosure, 4 keypads and 4 faceplates

Athlite fixtures

Athlite high bay gymnasium fixtures are shipped with Lutron EcoSystem® digitally addressable dimming ballasts, wire guards, and protective polycarbonate lenses.

- Available for use with T5 HO and T8 lamps; 120 V and 277 V models
- Provide energy-efficient alternatives to HID fixtures on a one-to-one basis

Fixture Model Number*	Description
FXHB63224EU	Athlite high bay, 2 x 4, 6-lamp 32W T8
FXHB45424EU	Athlite high bay, 2 x 4, 4-lamp 54W T5 HO, high output
FXFBR63224EU	Athlite high bay recessed, 2 x 4, 6-lamp 32W T8

* Standard fixture model numbers shown. For more information, visit www.lutron.com and search "lighting fixtures".

Optional controls

To further enhance energy savings, integrate optional Lutron® environmental controls into the Athlite system.

- **High Bay Occupancy Sensor** ensures that lights are not left on when the space is unoccupied. Sensor has a coverage ratio of 1.4:1 (42-ft radius at a 30-ft mounting height)
- **Daylight sensor** allows lights to be dimmed or turned off when daylight is sufficient for the activity

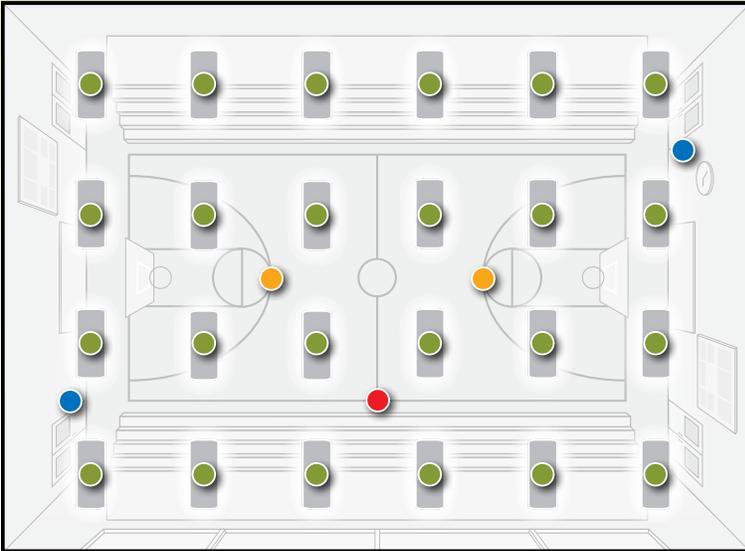


High bay occupancy sensor



EcoSystem daylight sensor

Typical gymnasium lighting control layout



Athlite™ 4-scene
preset wallstation



Athlite fixture with EcoSystem®
digitally addressable dimming ballast

Additional control options



EcoSystem daylight sensor



High bay occupancy sensor

www.lutron.com/athlite

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