

Bright Ideas

from



MH-ISP
Gymnasium

Something Old...Something New

Oldest university intramural basketball facility in the country upgraded with new, more efficient lighting.



The oldest intramural basketball facility in the country is located on the campus of the University of Michigan in Ann Arbor, MI. Recently, the university contracted for a new lighting system to be installed over the four courts in the facility with grant monies awarded based on the demonstrated energy efficiency of the new light fixtures from Best Lights.

The four courts were previously lit with 100-400 watt direct fixtures. Not only was energy consumption an issue but the direct light fixtures also produced a glare that was bothersome to the players. University facilities management settled on a new indirect lighting system from Best Lights, Inc., Troy, MI consisting of 32-1,000 watt Pulse Start MH-ISP Indirect Sports Fixtures featuring a patented reflector design that provides up to 35% more light than any other indirect fixture. Light levels increased from 50 to 55 foot candles—a 9% improvement.

The new lighting system generated significant savings for the University of Michigan. With fewer fixtures required there was a direct savings of \$13,800. in installation costs. Energy consumption

Results:

- ◆ Building Size 110' W x 250' L x 44' H
- ◆ 32-1,000 watt BEST Light Indirect Sport fixtures replaced 100- 400 watt direct light fixtures for 28% savings in energy consumption.
- ◆ Light levels increased to 55 foot-candles from 50 foot-candles-- a 9% improvement.
- ◆ Installation cost reduction of \$13,800

was slashed by 28% going from 1.75 to 1.25 watts per sq. foot. In the end, the grant money was more than enough to bring new light into an old building. For more information, contact Nate Willing at 800-545-2928 or 248-588-4980 or e-mail him at nwilling@bestlights.com



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