

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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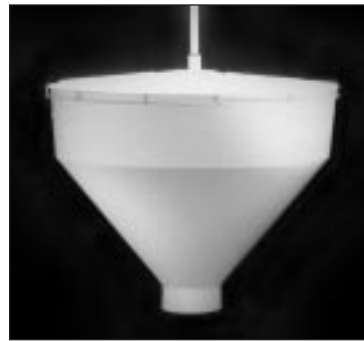
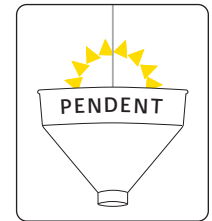
Patented Light Fixture

Indirect Sport Pendant (ISP)

with HID remote ballast

The ISP lights the facility evenly from ceiling to floor, eliminates annoying glares, shadows, and creates a spectacular playing environment. This durable fixture and unique patented design reflects light at specific angles increasing illumination on the playing surface. Ideal for lighting basketball, tennis, volleyball, soccer, and hockey facilities with white ceiling heights from 15-50 feet.

Description: Metal Halide indirect base down bulb fixture pre-wired and assembled. Aluminum 24" outer housing with suspended impact resistant inner aluminum reflector. Internal metal tubing wire raceways. Fixture painted: high temperature polyester powder coating; gloss white. Wire guard, pendant, 4" swivel ball box cover included.



Ordering Information

example: MH-ISP PM8 1000 MT P 277 LI



MH-ISP

Fixture Type	Length	Pendant Length	Wattage	Item Number
	4'	PM4	250	250
	6'	PM6	400	400
	8'	PM8	750	750
			1000	1000
			XXX	XXX Other (specify)

Remote Ballast Options	Multi-tap	480 Volt	Indoor enclosed ballast — Potted	Indoor enclosed ballast — Non-Potted
MT				
480				
P				
NP				

Voltage	250 Watt Quartz Restrike	Lamp Included	Pulse Start
120			
208			
240			
277			
347			
480			

Other Options:
QR
LI
PS

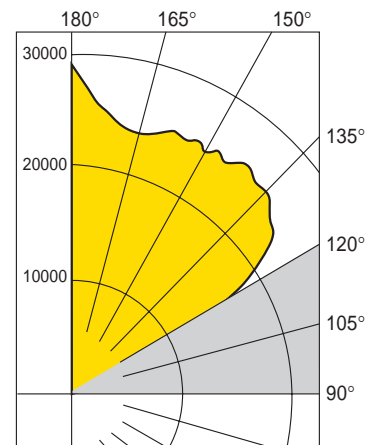
Test Facility: Independent Testing Laboratories, Inc.

Test Number: ITL42258

Lamp: 1000-watt metal halide, base down, 115,000 lumens

Photometrics Test (1,000 Watt)

Light between 90° and 120° is proven non-reflective and does not produce any light at floor levels.



IES Files upon request

Fixture Warranty

Best Lights, Inc. warranty fixtures to be free from defects in material and workmanship under normal use and service for a period of five (5) years from date of shipment. If found to be defective by us, we will replace the non-performing parts. Light bulbs and ballast on separate warranty.



Brilliant Energy Saving Technology

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