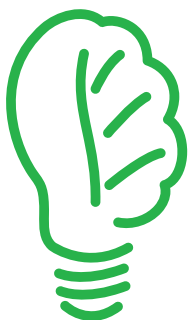




VENTURE LIGHTING®

ENERGY SAVING  
*LIGHTING SOLUTIONS*



METAL HALIDE TECHNOLOGY UPGRADE



VENTURE  
**LIGHTING**

# Energy Saving Solutions

## REPLACE Probe Start **1000 Watt**

With Venture's **875W Pulse Start System**

### Case Study

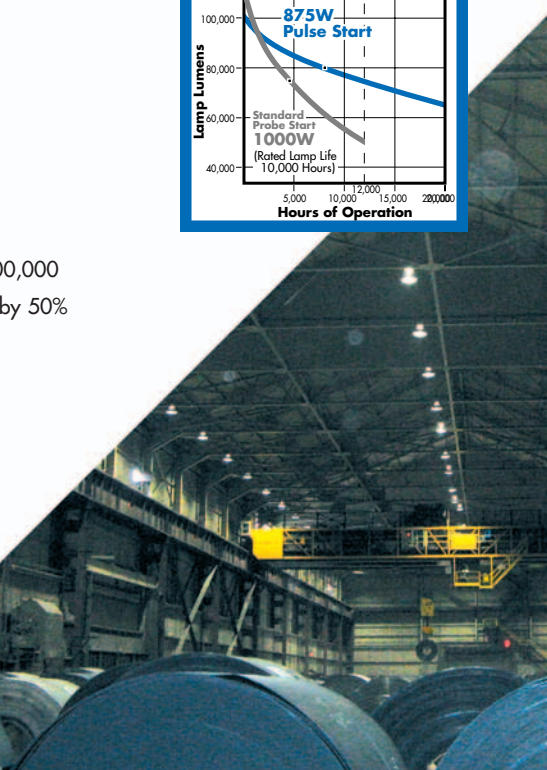
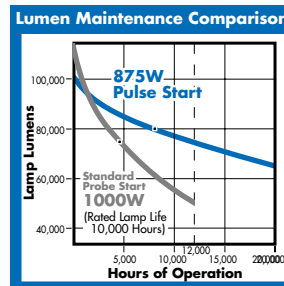
A 1.3 million square foot steel mill located near Gary, Indiana was utilizing (1190) 1000-watt standard probe start metal halide, (340) 1000-watt mercury vapor and (170) 400-watt high pressure sodium high bay lights. Choosing Venture Lighting's superior 875-watt pulse start system, they were able to reduce the fixture count by 44%, resulting in 50% energy savings. Overall, (952) 875-watt pulse start metal halide systems replaced the original (1700) systems, reducing inventory and lighting maintenance costs.

### Comparisons

Venture's 875 Watt Pulse Start	vs	Previous Systems
952	Number of Fixtures	1700
20,000+	Lamp Life Hours	12,000
50	Average footcandles	14
7.3 Million kWh	Energy Consumption	0
	<b>Reduction for Lighting</b>	
50%	<b>Energy Savings</b>	0
\$400,000	<b>Total Annual Savings for one facility</b>	0

### Benefits:

- Twice the light
- Annual savings of over \$400,000
- Reduction of energy usage by 50%



## With Venture's **775W Natural White**

### Case Study

Classic Toyota, located in Northeast Ohio, replaced (121) 1000-watt standard probe start lamps and ballasts in their car lot with 775-watt Natural White lamps and ballasts. This resulted in a huge decrease in energy consumption of over 22%. The lot draws attention to the dealership due to the brighter and "whiter" lighting.

### Comparisons

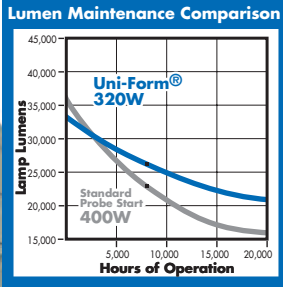
Venture's 775 Watt Pulse Start	vs	Previous Systems
121	Number of Fixtures	121
20,000+	Lamp Life Hours	12,000
22	Average footcandles	13
142,175 kWh	Energy Consumption	0
	<b>Reduction for Lighting</b>	
22%	<b>Energy Savings</b>	0
\$22,374	<b>Total Annual Savings for one facility</b>	0

### Benefits:

- Lamp lumen depreciation of 0.90
- High CRI lighting, 90+ with daylight color: 5000K CCT
- Excellent color uniformity



# REPLACE Probe Start 400 Watt With Venture's 320W Pulse Start System



## Case Study

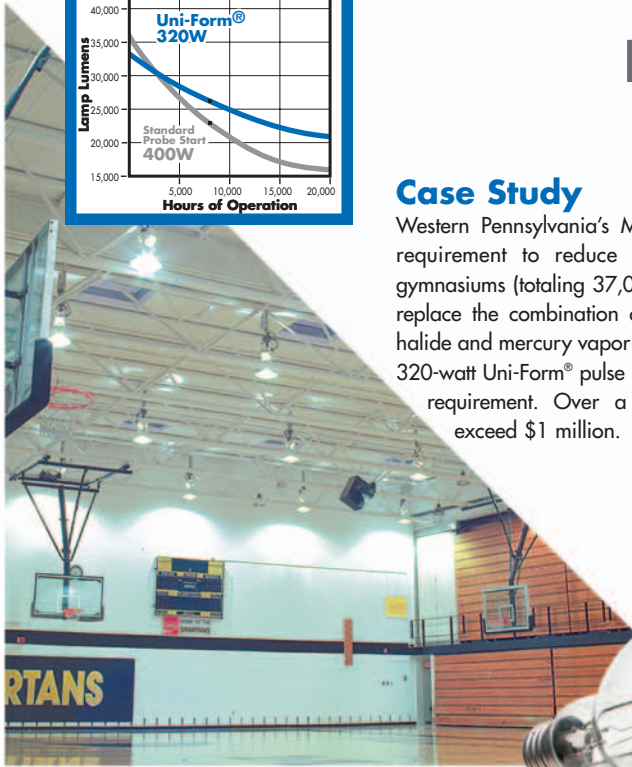
Western Pennsylvania's Montour School District had a requirement to reduce costs by 16% at their five gymnasiums (totaling 37,000 square feet). They chose to replace the combination of 400-watt probe start metal halide and mercury vapor systems with Venture Lighting's 320-watt Uni-Form<sup>®</sup> pulse start systems and exceeded this requirement. Over a 10-year span, savings will exceed \$1 million.

## Comparisons

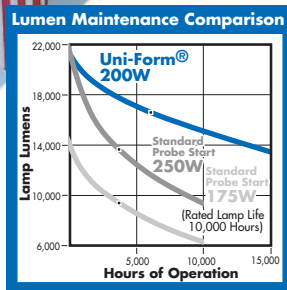
Venture's 320 Watt Uni-Form <sup>®</sup> Pulse Start	vs	Previous Systems
123	Number of Fixtures	123
349	System Watts per Fixture	455
60-64	Average footcandles	40-45
25%	Energy Savings	0
<i>(additional 50% by using bi-level dimming)</i>		
\$100,100	Total Annual Savings	0

## Benefits:

- Saved 25% energy by switching to 320W pulse start
- Saved an additional 50% by using bi-level dimming
- 1.5 times the illuminance level



# REPLACE Probe Start 250 Watt With Venture's 200W Pulse Start System



## Case Study

SuperMall of The Great Northwest, in Auburn, WA is a one-million-square-foot-plus shopping complex serving over 7,000,000 customers annually. Owned by Glimcher Realty Trust, they were in the process of updating lighting in all areas. Paul Hensley, operations director of the mall, was looking for "more uniform brighter light, with energy savings". In the food court areas of the mall, (91) 250-watt standard probe start lamps and ballasts were replaced with the same number of Venture's 200-watt Uni-Form pulse start systems.

## Comparisons

Venture's 200 Watt Pulse Start	vs	Previous 250 Watt Probe Start Systems
91	Number of Fixtures	91
15,000	Lamp Life Hours	10,000
96	Lumens per System Watt	72
235	System Watts	290
\$1,822	Total Annual Savings	0
<i>(food court only)</i>		

## Benefits:

- Brighter, better quality lighting
- Energy savings
- Energy utility rebates, reducing pay-back period
- Excellent color uniformity



# Retrofit Solutions

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## REPLACE Probe Start **175Watt**

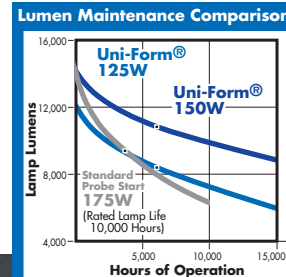
With Venture's **125W** and **150W** Pulse Start Systems

### Case Study

Minneapolis-St. Paul International Airport, with the help of the local power company, Xcel Energy, which offered a substantial rebate, retrofitted their existing probe start systems with Venture's energy saving 125-watt and 150-watt *Uni-Form* pulse start metal halide systems. The six month project involved the installation of more than 4,000 lamps and ballasts in the parking garage structure. "We doubled our light levels!" said Bob Litke, Electrical/General Foreman for the Metropolitan Airports Commission, "and with the substantial energy-savings, we should begin seeing a return on our investment in only one year."

### Benefits:

- Energy savings
- Longer lamp life: reduced maintenance costs
- Double the light output
- Better color rendering for improved security and easier identification of the customers' cars



### Energy Saving Options

Venture has the widest selection and variety of energy saving pulse start metal halide lighting systems. Achieve equal or more light while using less energy compared to older standard probe start metal halide wattages. With so many options available, Venture Lighting has the perfect

Old Standard Probe Start Wattage	Venture's Energy Saving Uni-Form® Pulse Start Solution
1000W	875W 775W Natural White®
400W	350W 320W
250W	200W 175W
175W	150W 125W

energy saving solution for all your lighting needs.

### One Call Warranty

Our warranty program leads the industry in comprehensive system coverage, doubling the warranty period on lamps and ballasts purchased and installed as part of the *Uni-Form* pulse start system.

**One Call  
LIMITED  
System  
Warranty**

Ballasts/Lamps	Product Type	Standard Warranty Period	"One Call" System Warranty
	125W	One Year	One Year
	150W, 175W, 200W	One Year	Two Years
	250W, 320W, 350W	One Year	Two Years
	775W, 875W	One Year	Two Years
	Magnetic Ballasts	Two Years	Five Years
	Electronic Ballasts	Two Years	Three Years

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**UNI-FORM**  
PULSE START METAL HALIDE LIGHTING SYSTEMS



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