



# SEEING IS BELIEVING



**Case Studies**  
INDOOR & OUTDOOR LIGHTING

# TABLE OF CONTENTS

## BY APPLICATION



<b>Automotive</b>	PAGES
<a href="#">Stearns Ford</a> .....	5-6
<a href="#">Masano Mercedes Benz</a> .....	7-8
<a href="#">Woodall Nissan</a> .....	9-10
<a href="#">Nichols Dodge</a> .....	11



<b>Healthcare</b>	PAGES
<a href="#">Duke Hospital</a> .....	12
<a href="#">Class A Office Building</a> .....	17



<b>Entertainment</b>	PAGES
<a href="#">Hertz Arena</a> .....	13-14



<b>Recreation</b>	PAGE
<a href="#">Greensboro Country Club</a> .....	15
<a href="#">Brick Landing Pool</a> .....	16



<b>Industrial</b>	PAGE
<a href="#">Leo Gaev Metalworks, Inc.</a> .....	18



## BY PRODUCT TYPE

### OUTDOOR LIGHTING



<b>Area Lights</b>	PAGES
<a href="#">Eagle Series Area Lights</a> .....	3-4
<a href="#">Stearns Ford</a> .....	5-6
<a href="#">Masano Mercedes Benz</a> .....	7-8
<a href="#">Woodall Nissan</a> .....	9-10
<a href="#">Nichols Dodge</a> .....	11
<a href="#">Duke Hospital</a> .....	12
<a href="#">Hertz Arena</a> .....	13-14
<a href="#">Greensboro Country Club</a> .....	15
<a href="#">Brick Landing Pool</a> .....	16



<b>Flood Lights</b>	PAGES
<a href="#">Stearns Ford</a> .....	5-6
<a href="#">Masano Mercedes Benz</a> .....	7-8



<b>Wall Lights</b>	PAGES
<a href="#">Stearns Ford</a> .....	5-6
<a href="#">Brick Landing Pool</a> .....	16
<a href="#">Leo Gaev Metalworks, Inc.</a> .....	18

### INDOOR LIGHTING



<b>Wet Location Retrofit</b>	PAGE
<a href="#">Class A Office Building</a> .....	17



<b>High Bays</b>	PAGE
<a href="#">Leo Gaev Metalworks, Inc.</a> .....	18



# EAGLE SERIES LED AREA LIGHTS

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With millions of older high-wattage HID fixtures currently being used in outdoor area lighting applications, there are virtually limitless market opportunities for the innovative and class-leading Eagle Series LED Area Lights.

These high-performance area lights feature a durable and aerodynamic housing design that is made of 100% pure aluminum. External airflow fins and a separate driver compartment help to greatly reduce operating temperatures and extend fixture life.

Available lumen packages range from 6,000 to 50,000 lumens at up to 152 lumens per watt, replacing existing metal halide fixtures of up to 1,000 watts.



# THE RESULTS SPEAK FOR THEMSELVES

These two neighboring shopping centers highlight the vast differences in light quality and coverage between the Eagle Series LED Area Lights (left) and the competition (right). The photos were taken at the same time.



ATLAS EAGLE SERIES LED AREA LIGHTS



TYPICAL COMPETITOR'S LED AREA LIGHTS

## ADVANCED OPTICS AND DISTRIBUTION PATTERNS

These cutting-edge LED fixtures feature advanced optics and a variety of distribution patterns, ensuring smooth and even light coverage for virtually any area lighting application. Patterns include Type II, Type III, Type V and Forward Throw.



### **Rotatable One-Piece Optics**

*The one-piece optics can be rotated to change the direction of the light distribution pattern. This provides flexibility for layouts and minimizes unwanted and wasted light.*





## STEARNS FORD

Burlington, NC

While the average exterior lighting solutions are installed for safety or security, dealerships install lighting to draw the customer's eye and highlight high-end retail products. With this goal in mind, Stearns Ford located in Burlington NC, turned to Atlas Lighting to assist.

Atlas conducted a photometric analysis to help ensure the new lighting would meet the latest Illuminating Engineering Society (IES) standards for auto dealerships. Based on the findings, the dealership replaced its 39, 1000-watt metal halide fixtures with Atlas LED SLP luminaires to meet the high lumen output needs for the parking lot merchandising and sales areas, including the front row displays, circulation areas and storage areas.

### Atlas LED Lighting Used



#### Eagle Series Area Light

SLPM18L, SLPM36L



#### Optic Flood Light

PFL2GH20L

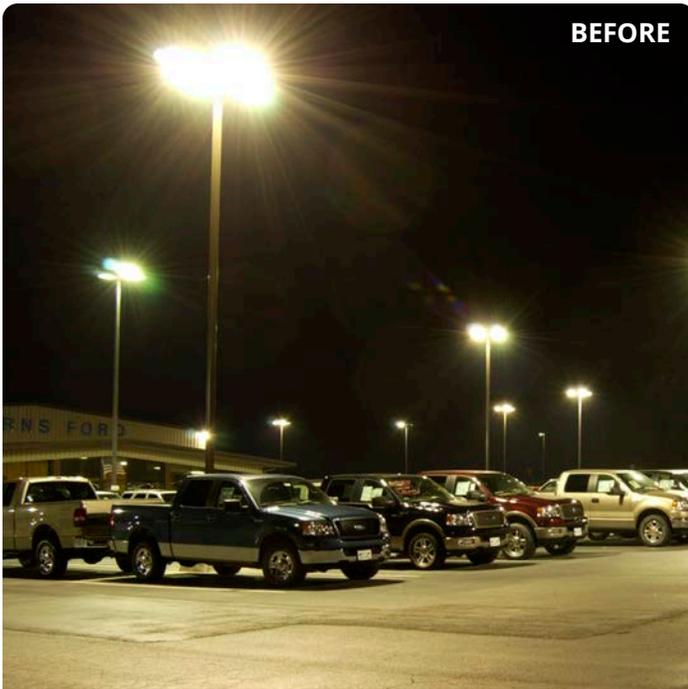


#### Wall Pack Pro

WPL86LED



Visit [atlasled.com](https://atlasled.com) or contact an Atlas representative to learn more.



**71%**

Lifetime Energy Savings

**2.5 YEARS**

Payback (after rebates)

**\$24,402**

Total Yearly Savings

Chosen for the fixture's high lumen output, contemporary look and efficiency the overall performance was ultimately the deciding factor. By using SLP LED fixtures, the dealership could reduce its total number of fixtures and still enjoy superior illumination, allowing customers to better see the cars' distinctive features, details and coloring – key factors in the buying process.

The dealership achieved a total energy savings of up to 60 percent and an overall net energy savings of 66,400 watts while exceeding the stringent uniformity footcandle recommended light levels throughout the site. With a life expectancy of 200,000 hours, the LED fixtures will also save on maintenance costs, eliminating the need for repairs and the inconvenience of moving cars to service the lights.

## THE SAVINGS

PRODUCT	QTY	YEARLY SAVINGS
SLPM18L	24	\$16,500
SLPM36L	12	\$4,200
PFL2GH20L	8	\$2,200
WPL86LED	10	\$1,500
<b>Total Yearly Savings</b>		<b>\$24,400</b>

*Based on 12 hours per day | \$0.10/kWh | Utility rates vary by location*

*"I wish we had done this a long time ago. The difference between what we have now and what we had before is like night and day. I would recommend this change to everyone."*

Dale Stearns | Owner & General Manager, Stearns Ford

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# MASANO MERCEDES BENZ

Reading, PA

While the average exterior lighting solutions are installed for safety or security, dealerships install lighting to draw the customer's eye and highlight high-end retail products. With this goal in mind, Masano Mercedes Benz, located in Reading PA, turned to Atlas Lighting to assist.

Atlas conducted a photometric analysis to help ensure the new lighting would meet the latest Illuminating Engineering Society (IES) standards for auto dealerships. Based on the findings, the dealership replaced its aging fleet of 77 1,000-watt metal halide fixtures with energy-efficient Atlas LED Site Lighter Pro luminaires and Optic Flood Lights to meet the high lumen output needs for the parking lot sales areas, including the front row displays, circulation areas and storage areas.

## Atlas LED Lighting Used



**Eagle Series Area Light**

SLPM43L



**Optic Flood Light**

PFXL2G33L



Visit [atlasled.com](https://atlasled.com) or contact an Atlas representative to learn more.



**69%**

Estimated Yearly Energy Savings

**\$44,350**

First Year Savings (after rebates)

## THE SAVINGS

By using Atlas LED fixtures, the dealership was able to exceed the existing metal halide fixtures' performance while drastically reducing energy costs, allowing customers to better see the cars' distinctive features, details and coloring – key factors in the buying process.

The dealership achieved a total energy savings of up to 69 percent and 57,300 watts while exceeding the stringent light uniformity levels throughout the site. With a life expectancy of 200,000 hours, these LED fixtures will also save on maintenance costs, eliminating the need for repairs and the inconvenience of moving cars to service the lights.



ORIGINAL FIXTURES	ATLAS REPLACEMENT	QTY	YEARLY ENERGY SAVINGS
1,000W Metal Halide Shoebox	Eagle Series Area Light (SLPM43L)	60	\$18,900
1,000W Metal Halide Flood	Optic Flood Light (PFXL2G33L)	17	\$6,200
<b>Total Yearly Energy Savings</b>			<b>\$25,100</b>

*Based on 12 hours per day | \$.10/kWh | Utility rates vary by location*

SEEING IS BELIEVING



## WOODALL NISSAN

Danville, VA

While most exterior lighting solutions are installed for safety or security, automotive dealerships install lighting to draw the customer's eye and highlight the latest cars, trucks and SUVs. By using Atlas LED fixtures, Woodall Nissan was able to exceed the existing metal halide fixtures' performance while cutting their energy consumption by over 70%. This conversion pays for itself in Energy, Replacement Parts and Labor in 24 Months!

In addition to significant energy savings and improved illumination performance, Atlas LED Site Lighter Pro area lights were selected specifically for this application because of the proven track record for reliability and longevity.

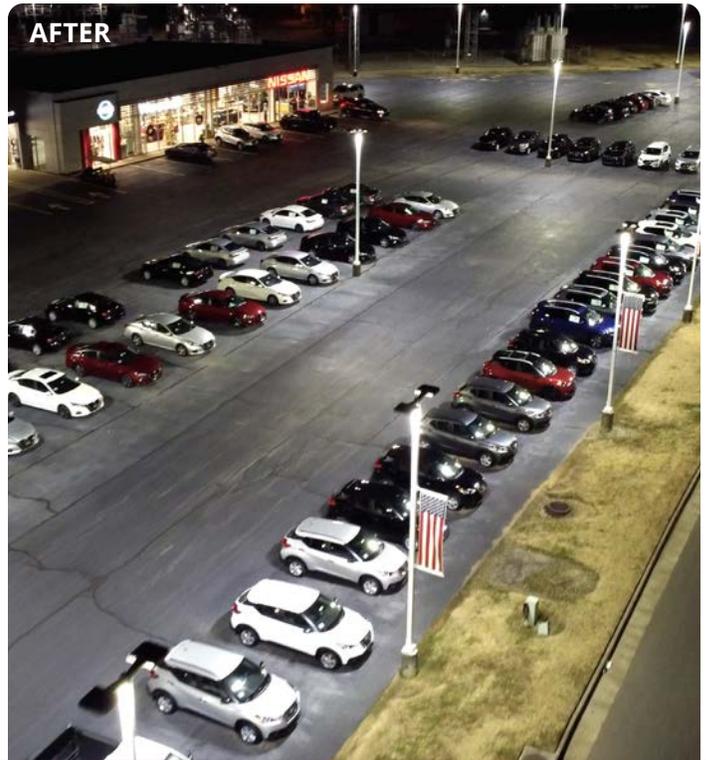
### Atlas LED Lighting Used



**Eagle Series Area Light**  
SLPM43L



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**70%**

Lifetime Energy Savings

**2 YEARS**

Payback (after rebates)

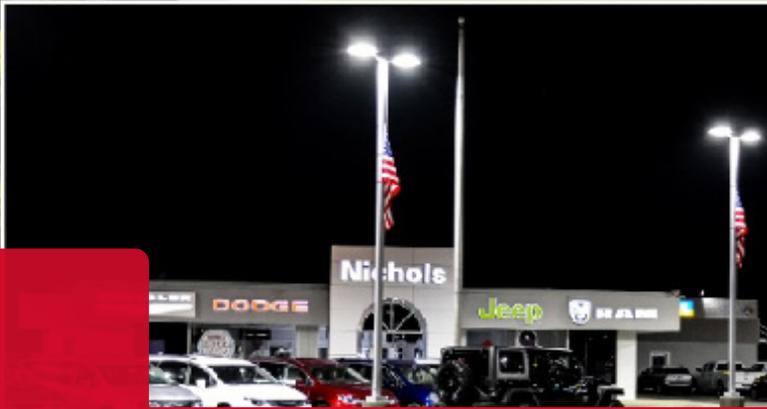
**\$17,231**

Total Yearly Savings

## THE SAVINGS

PRODUCT	QTY	SAVINGS
Eagle Series Area Light (SLPM43LT54K)	22	\$6,650
Eagle Series Area Light (SLPM43LFTL4K)	16	\$4,837
Eagle Series Area Light (SLPM43LFTR4K)	16	\$4,837
Eagle Series Area Light (SLPM43LFT4K)	3	\$907
<b>Total Yearly Savings</b>		<b>\$17,231</b>

*Based on 12 hours per day | \$.10/kWh | Utility rates vary by location*



# NICHOLS DODGE

Burlington, NC

While the average exterior lighting solutions are installed for safety or security, dealerships install lighting to draw the customer's eye and highlight high-end retail products. With this goal in mind, Nichols Dodge located in Burlington NC, turned to Atlas Lighting to assist.

Atlas conducted a photometric analysis to help ensure the new lighting would meet the latest Illuminating Engineering Society (IES) standards for auto dealerships. Based on the findings, the dealership replaced its 102 - 1000-watt metal halide fixtures with Atlas LED SLP luminaires to meet the high lumen output needs for the parking lot merchandising, and sales areas, including the front row displays, circulation areas and storage areas.

## Atlas LED Lighting Used



**Eagle Series Area Light**  
SLPM43L



# DUKE CHILDREN'S HOSPITAL

Durham, NC

Duke Children's Hospital improves lighting, virtually eliminates maintenance, consumes less energy, and upgrades aesthetics with the installation of Atlas' Eagle Series area lights.

Duke Children's Hospital, located in Durham, North Carolina, is ranked among the top 50 children's hospitals nationally in nine specialties by U.S. News & World Report and provides care for thousands of patients annually.

With their conversion to LED, Duke Children's Hospital has been able to increase the visibility in the Parking Lot, while creating a safer and more secure environment, while cutting their energy consumption by over 70%. This conversion pays for itself in Energy, Replacement Parts and Labor in 24 Months!

## Atlas LED Lighting Used



**Eagle Area Light**  
SLPM43LT34K



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# HERTZ ARENA

Estero, FL

Hertz Arena improves lighting, virtually eliminates maintenance, consumes less energy, and upgrades aesthetics with the installation of Atlas' Eagle Series area lights.

The Hertz Arena, located in Estero Florida, was built in 1998, and as was common to that era, Parking Lots and Roadways were originally designed using High Pressure Sodium, and the Whiter Metal Halide light sources. The existing fixtures in this Parking Lot burned over 1100 watts of energy per each.

For the Arena, Frontier Lighting proposed and in turn had installed the Atlas Eagle Series using a 348 Watt LED fixture head.

## Atlas LED Lighting Used



**Eagle Area Light**  
SLPM43LFT5K



Click here to  
watch the video



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**70%**

Lifetime Energy Savings

**2 YEARS**

Payback (after rebates)

**\$15,211**

Total Yearly Savings

With their conversion to LED, the Hertz Arena has been able to increase the visibility in the Parking Lot, while creating a safer and more secure environment, while cutting their energy consumption by over 70%. This conversion pays for itself in Energy, Replacement Parts and Labor in 24 Months!

In addition to significant energy savings and improved illumination performance, Atlas LED Eagle Series area lights were selected specifically for this application because of the proven track record for reliability and longevity.

## THE SAVINGS

PRODUCT	QTY	YEARLY SAVINGS
SLPM43LFT5K	41	\$15,211
<b>Total Yearly Savings</b>		<b>\$15,211</b>

*Based on 12 hours per day | \$0.10/kWh | Utility rates vary by location*

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# GREENSBORO COUNTRY CLUB

Greensboro, NC

The Greensboro Country Club, located in Greensboro, North Carolina, was built in 1909. It has the largest tennis facility in the Triad area, featuring seven outdoor courts and two platform tennis courts.

The Greensboro Country Club wanted to light their new platform tennis courts that had gained so much popularity that they wanted to extend the hours of play.

Using Atlas' Site Lighter Pro area lights on 18' custom poles, the performance numbers were off the chart. The average fc on the court was 75Fc, the center had reads of 90-95Fc, and we held an uniformity ratio of less than 2:1 on the max/min.

## Atlas LED Lighting Used



**Eagle Series Area Light**  
SLPM43L



**Eagle Series Area Light**  
SLPM36L



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## BRICK LANDING POOL

Shallotte, NC

Established in 1984 Brick Landing is nestled Between Wilmington, North Carolina And Myrtle Beach, South Carolina And Situated On The Intra-Coastal Waterway.

The installed lighting meets and exceeds all requirements on the deck and inside the swimming pool for night time use. The layout places the poles and fixtures on the perimeter reducing glare on the water and providing smooth and uniform lighting throughout the area. The installed lighting allows for a safer environment and extends the usable hours of the pool and the surrounding area.

### Atlas LED Lighting Used



**Eagle Area Light**  
SLPM18LFT45K



**LED Classic Wall Light**  
WLM64LED

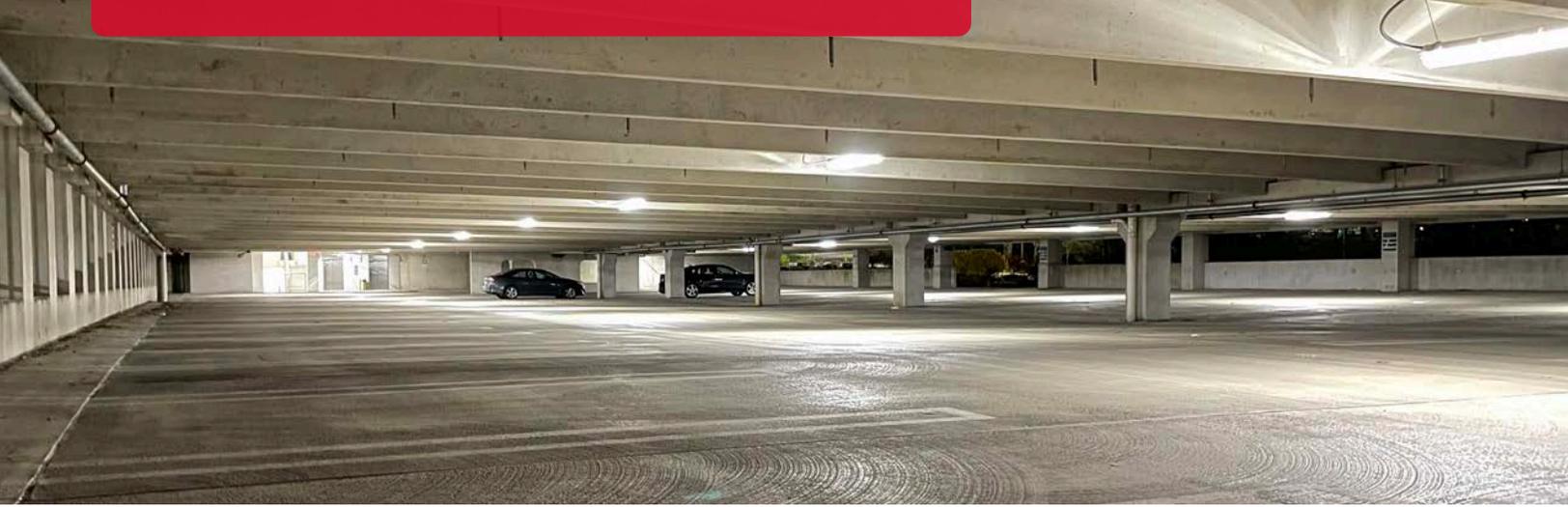


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# CLASS A OFFICE BUILDING

Plymouth Meeting, PA

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**64%**

Lifetime Energy Savings

**9 MONTH**

Payback (after rebates)

**\$11,688**

Total Yearly Savings

A \$3b REIT with Class A office building in Plymouth Meeting selected American Energy & Lighting to convert and upgrade their garage to LED.

In order to increase the visibility in the Parking Garage, while creating a safer and more secure environment, its aging fluorescent fixtures were retrofitted with the Potomac Series Wet Location LED Retrofit Kits from Atlas. These upgrades enhance light quality and improve security.

The Potomac Series Wet Location LED Retrofit Kits provide the look, feel and performance of a complete fixture replacement. These retrofit kits are quick and easy to install, saving both time and money.

- Existing fixtures were 2 lamp T5 fluorescent
- 64% energy savings
- Payback of 9 months
- 150 fixtures were retrofitted in half a day

## Atlas LED Lighting Used



### Potomac Retrofit Kit

ILWRK

PRODUCT	QTY	YEARLY SAVINGS
ILWRK	150	\$11,688
Total Yearly Savings		<b>\$11,688</b>

*Based on 12 hours per day | \$0.10/kWh  
Utility rates vary by location*



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# LEO GAEV METALWORKS, INC.

Chapel Hill, NC

Leo Gaev Metalworks, Inc. creates one-of-a-kind architectural metalwork for residential and commercial clients nationwide.

In order to reduce glare and improve the quality of light inside the shop, its aging HID fixtures were replaced with new LED Linear High Bays from Atlas. These upgrades lead to significant energy savings and smoother, glare-free light for this talented local metalworking company.

*"I am so excited for these new lights; they are exactly what we needed and for a good price. Installation was a snap; we installed 12 lights in a few hours."*

Leo Gaev | Owner, Leo Gaev Metalworks, Inc.

## Atlas LED Lighting Used



**LED Linear High Bay**  
(12) ILH418LL



**LED Classic Wall Light**  
(8) WLM43LED

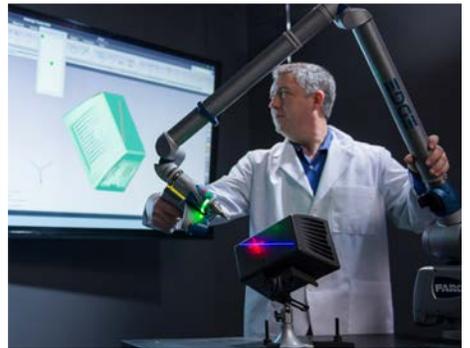


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Our performance and durability testing goes beyond UL & DLC requirements to ensure unmatched product quality



quick SHIP



Rain Test | Salt Test | Paint Test | Faro Arm

Supporting Vets



THE INDEPENDENCE FUND

A portion of the proceeds from every Independence Series product sold will be donated to **The Independence Fund**





STEARNS FORD



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