



Venture Lighting's Line of LED Solutions

*Professional Grade LED
from The Leader in HID*

About Venture Lighting



Driven by the increasing demand for energy efficiency, Venture Lighting has always been a pioneer of light source technology, firstly transforming the HID lighting market with the introduction of the revolutionary Uni-Form® pulse start system with formed-body arc tubes in lamps and more recently taking advantage of the rapid developments in solid state technology to bring a world-class range of LED lighting solutions paired with a best-in-class wireless control system.

Venture Lighting customers are assured:

- The very best technology
- The highest level of service - everything expected from a global leader in the lighting industry.
- Venture's dedicated technical and customer support teams offers full technical support on all of our products.



VENTURE®
LIGHTING

Welcome to Venture LED



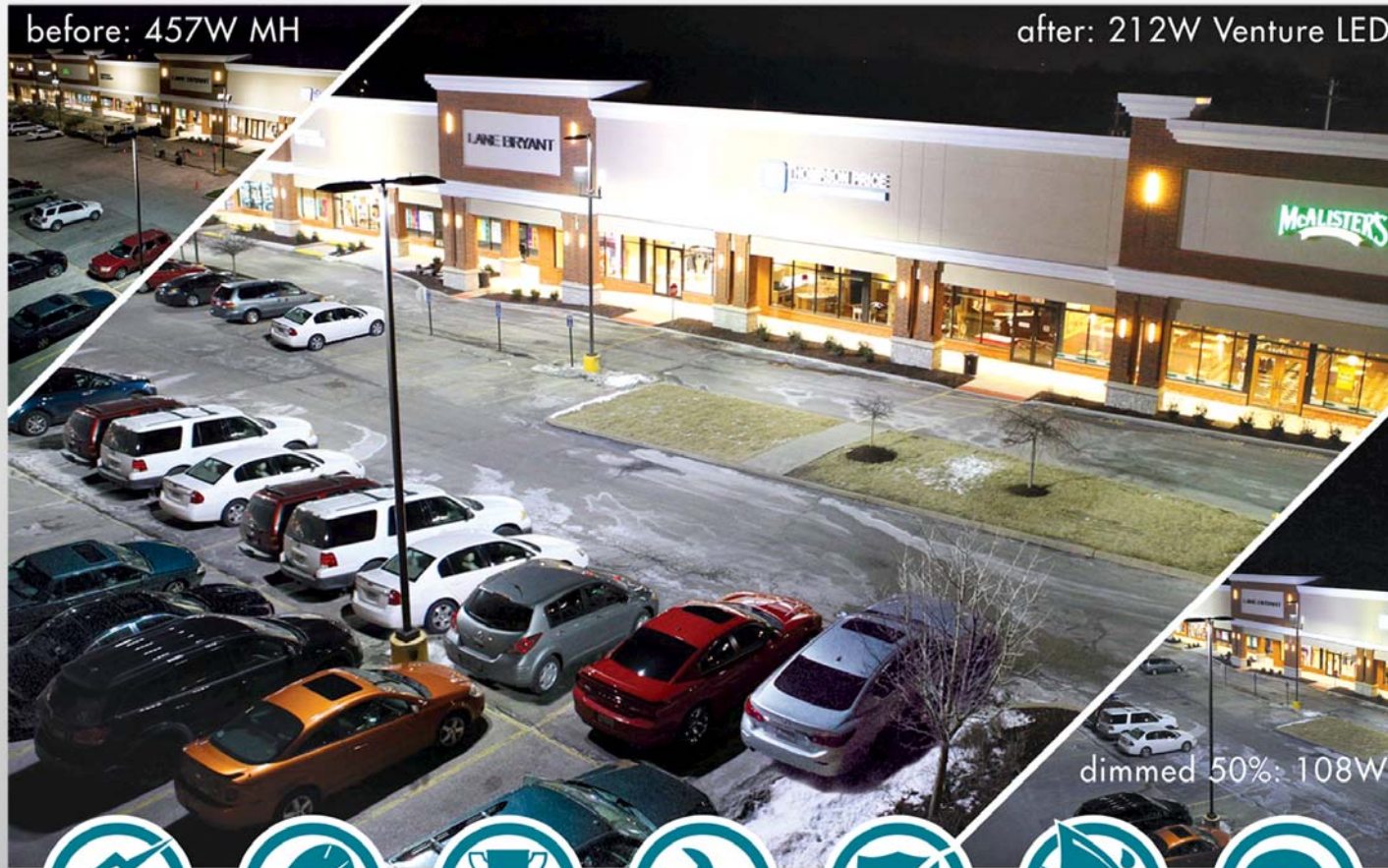
For over 30 years Venture Lighting have built a reputation as the market leader in innovative lighting technology. Customers, large and small, across the world rely on Venture's product innovation, superb quality, world-class service and outstanding technical support, a level that's the envy of the industry.

And now those same high standards are realized in a new range of LED lighting solutions. With Venture LED you're assured the very best solid-state lighting technology coupled with years of outstanding service and passion for excellence.

Contact us today to learn more about Venture LED!



Venture LED



energy saving



longer life



superior performance



easy to install



5 year warranty



all weather



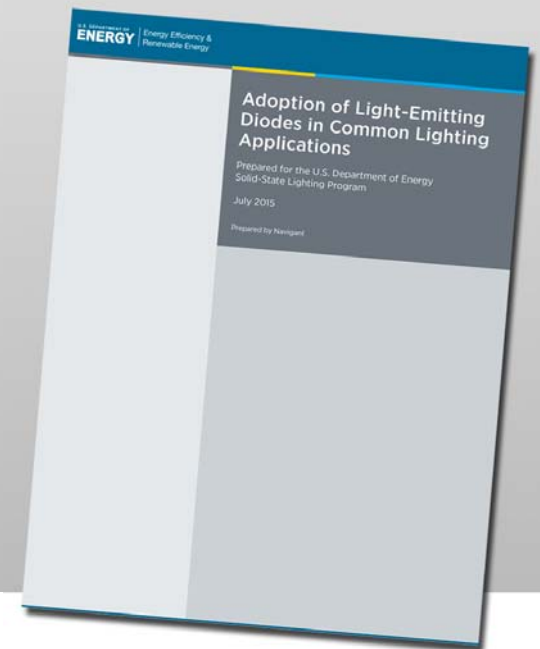
technical support

How Big is the Growth Opportunity?

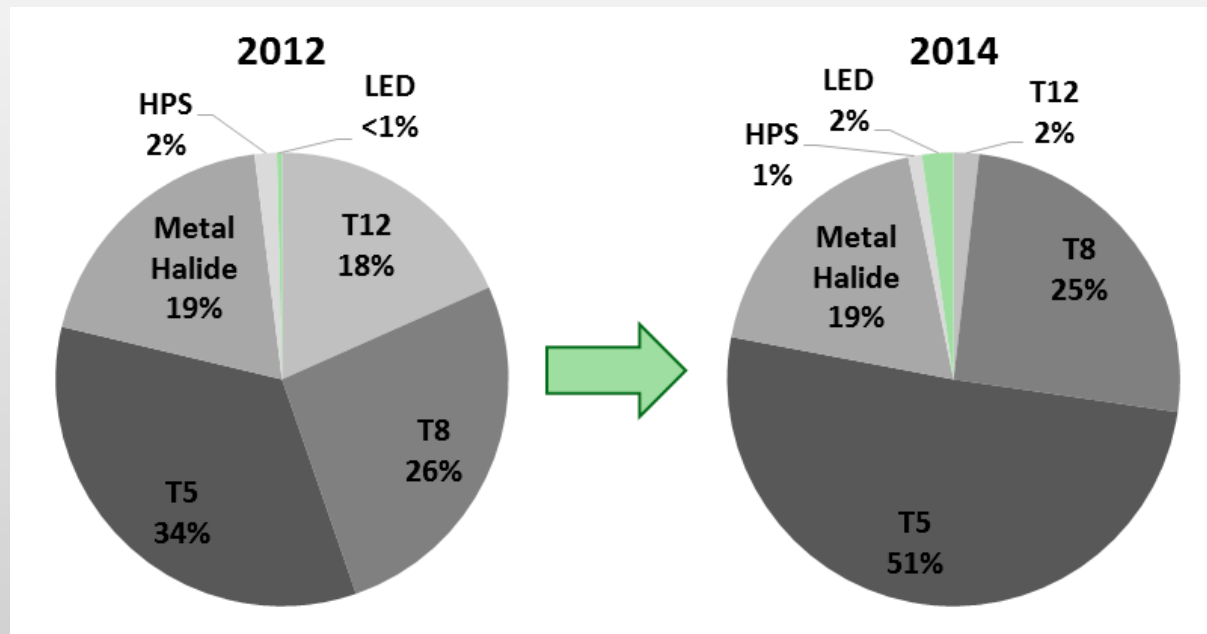


We have only scratched the surface.
According to DOE report, July 2015, the
Market penetration is as follows:

- Lowbay/Highbay -- 2.2% end of year 2014
- Linear Indoor – 1.3% end of year 2014
- Area / Roadway – 13% end of year 2014
- Parking Lot – 9.7% end of year 2014
- Parking Garage – 5% end of year 2014
- Building Exterior – 11.5% end of year 2014



Lowbay/Highbay



- 2012 to 2014 LED increased to 2%
- Large opportunity - second largest energy saving market



Highbays



IP65

Modern

Wattage	Lumens
90W	11400
150W	18900
200W	25000

Commerce



Wattage	Lumens
120W	14200
160W	18700
200W	23300

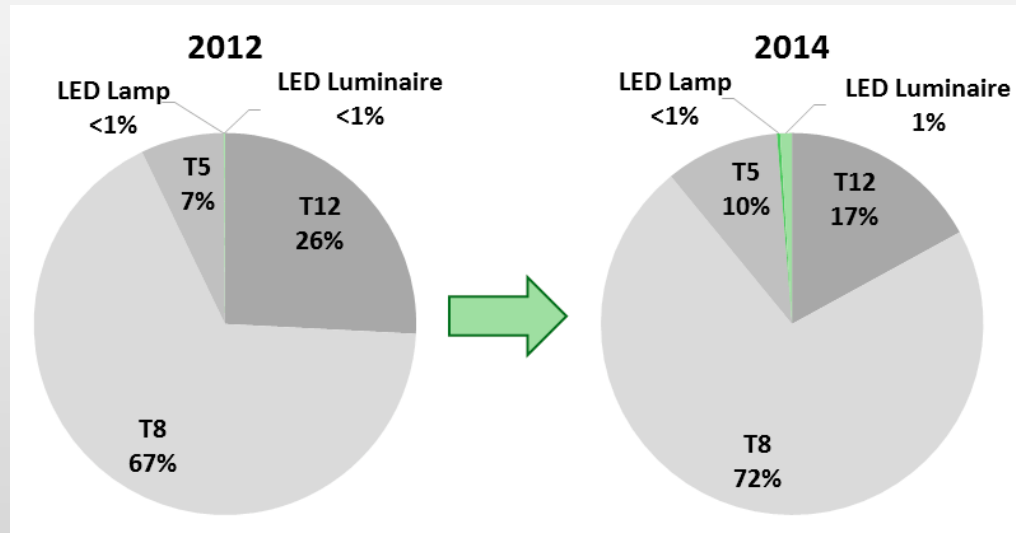
Wave Linear Highbay



IP65

Wattage	Lumens
90W	10100
120W	12900
150W	16500

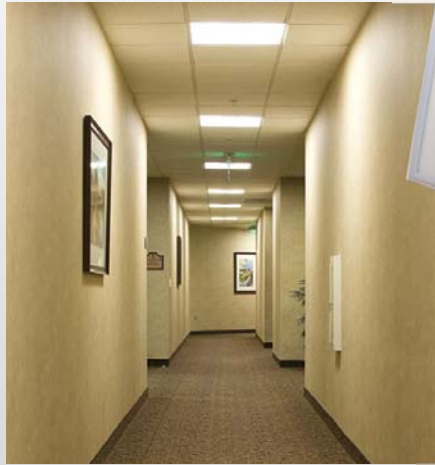
LED in Linear Indoor Market



- Very slow growth
- Huge opportunity – huge energy saving potentials
- Due to long operating hours and large number of units, **linear fixtures consume the most energy**, about 35% of the total energy consumed for lighting applications



LED Panels



LED Panels

Size	Wattage	Color Temp.	Lumens
2x4	52W	5K	5650
2x4	52W	4K	5410
2x2	40W	5K	4180
2x2	40W	4K	4192
1x4	36W	5K	3600
1x4	36W	4K	3350



LED Recessed Downlights

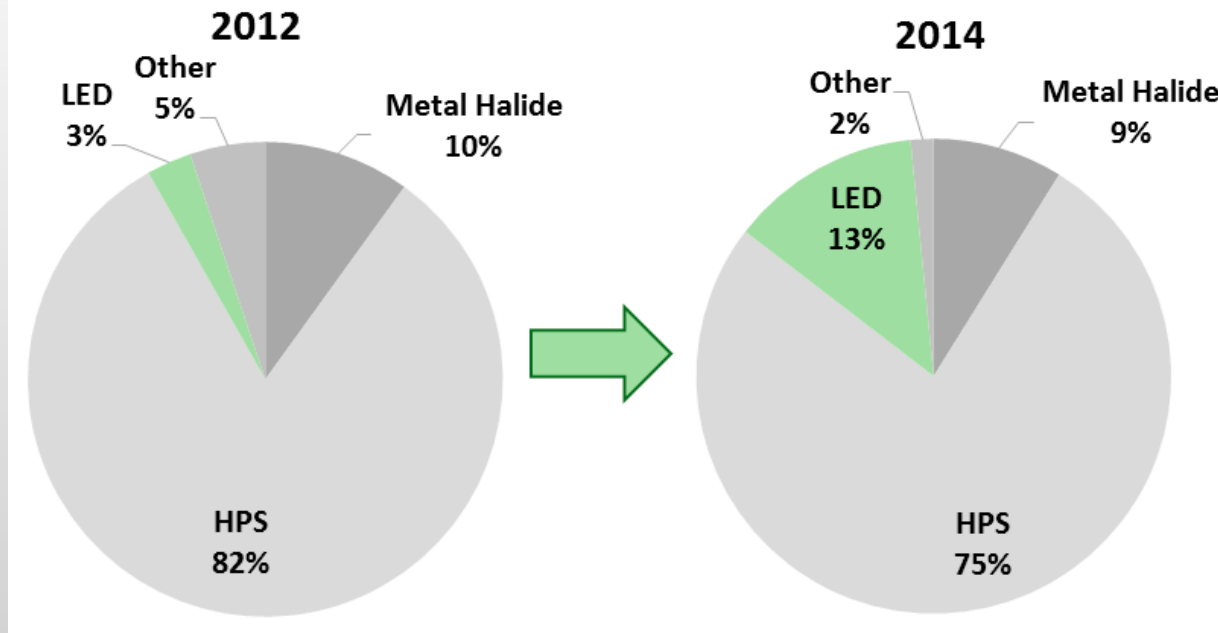


LED Downlights

Size	Wattage	Lumens
6"	18W	1440
8"	40W	2870
8"	54W	4100
10"	54W	3790



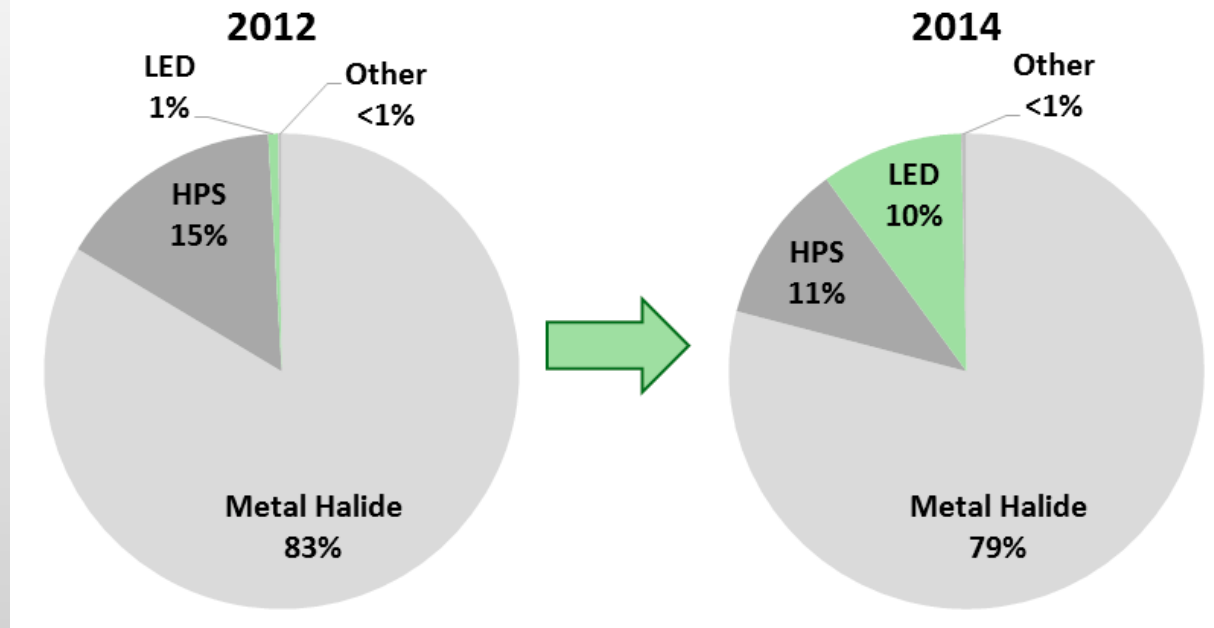
Area/Roadway



- By 2014, LEDs held 13% of the area/roadway market
- In 2012, there were about 1.3 million LED area and roadway installations
- In 2014, it grew more than four times to 5.7 million installations



Parking Lot



- Rapid growth, LEDs are 10% of the parking lot market
- If the remaining HID installations were to switch to LED, it would create annual energy cost savings of \$2.5 billion



Flood/Area Lighting Fixtures



Wattage
121W
212W

V Flood
Lumens
14453
25343

120-277V and 347-480V versions available

Accessories



Straight Arm



U-bracket small



Shorting Cap



Slipfitter



U-bracket large



Photocell



Surge Protector

Area Lighting Fixtures

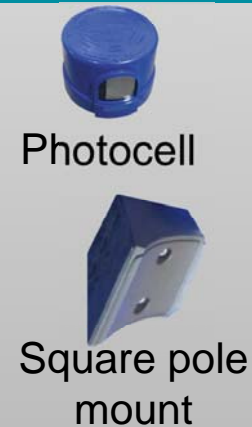


Environ

Wattage	Lumens
120W	13930 TypeV
150W	18831 TypeV
200W	25856 TypeV
<u>Distribution Types Available</u>	
2, 3, 4, 5	

Accessories

Optional motion sensor factory installed



Dusk to Dawn Fixtures



Dusk to Dawn

<u>Wattage</u>	<u>Lumens</u>
40W	4100

Mounting kit included

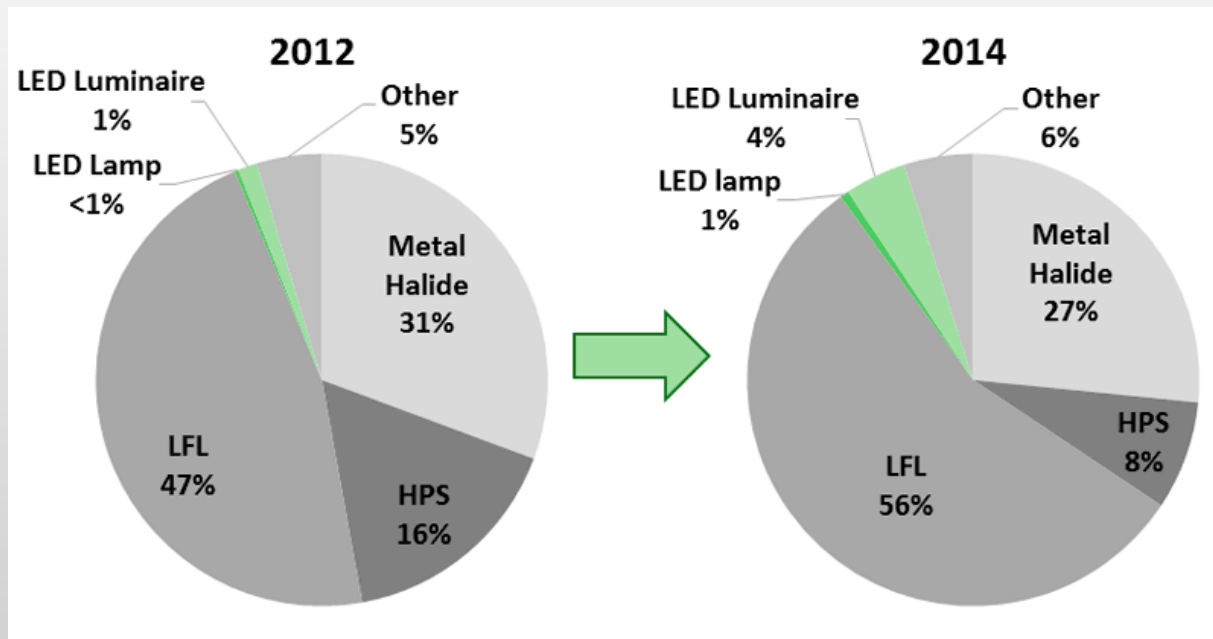
LED Retrofit Modules



Retrofit Modules

<u>Wattage</u>	<u>Lumens</u>
40W	4200
60W	5700

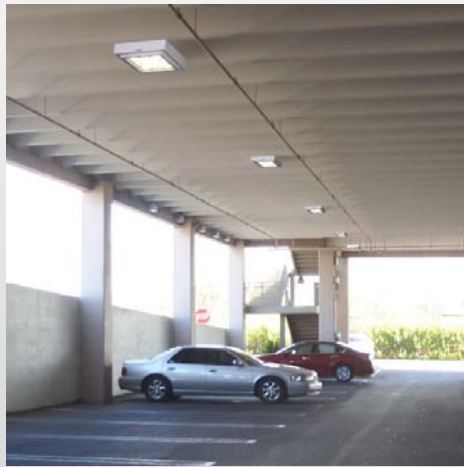
Parking Garage



- By 2014, there were 1.8 million LED applications installed
- Linear Fluorescent, LED and others grew market share



Parking Garage Fixtures



Parkway

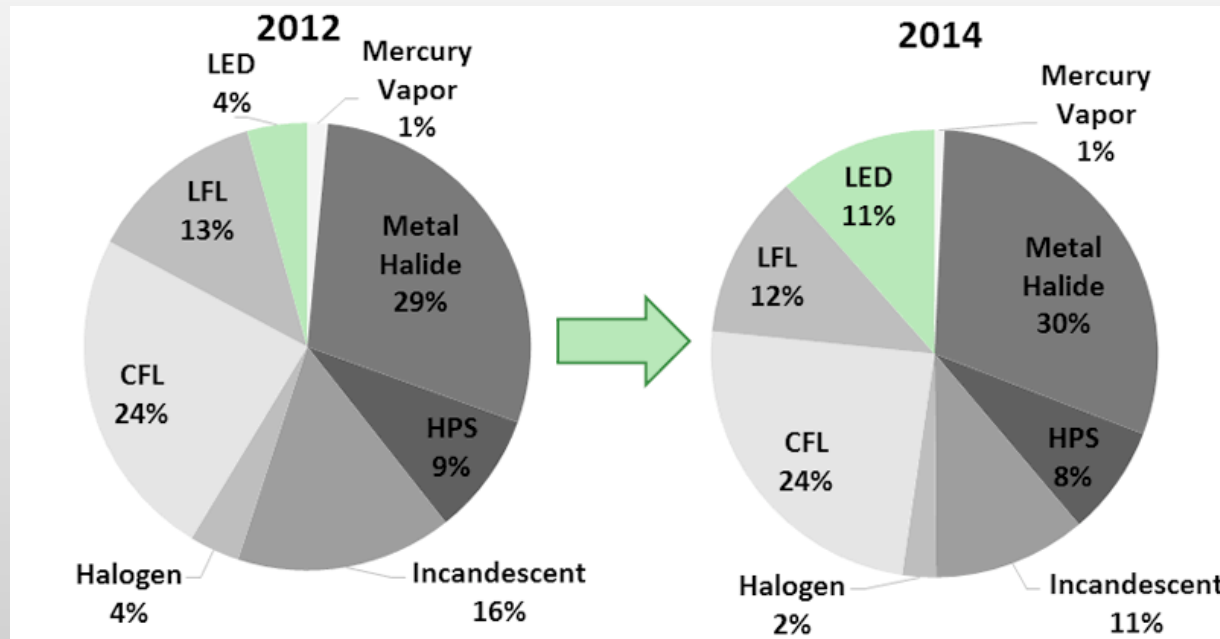
<u>Wattage</u>	<u>Lumens</u>
41W	4576
54W	6142
72W	8126



Greenway

<u>Wattage</u>	<u>Lumens</u>
41W	4576
54W	6142
72W	8126

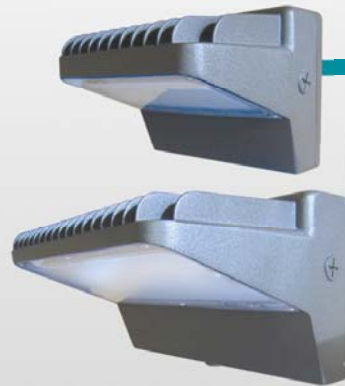
Building Exterior



- By 2014, LED penetration in the building exterior market grew three times the installations



Wallpacks



Wattage

Defender

Lumens

44W

5010

81W

9525



Wattage

VWallpax

Lumens

20W

1780

30W

2650

50W

5420

80W

8710



Canopy Fixtures



Breezeway

Wattage	Lumens
23W	2696
41W	4498
54W	6161
72W	8364



Low Glare - Fairway

Wattage	Lumens
40W	4730

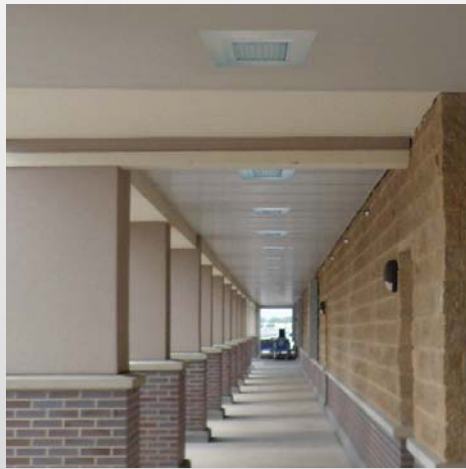


Pavilion

Wattage	Lumens
45W	4532
82W	9325



Recessed Canopy Fixtures



Cascade

Wattage

Lumens

23W

2696

41W

4498

54W

6161

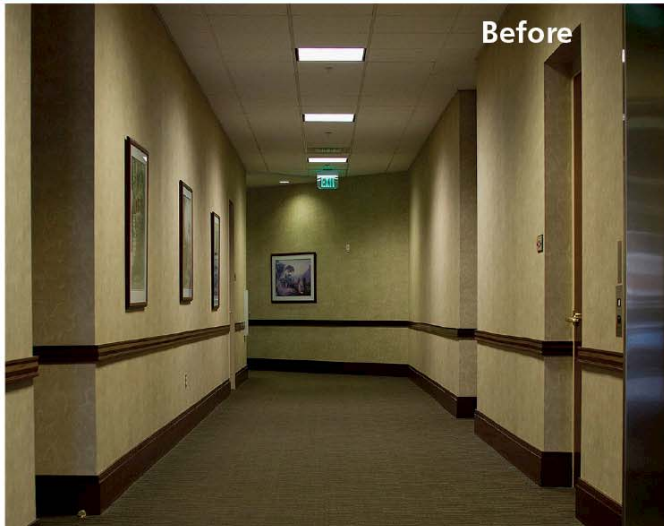
72W

8364



Real Comparisons

Panels

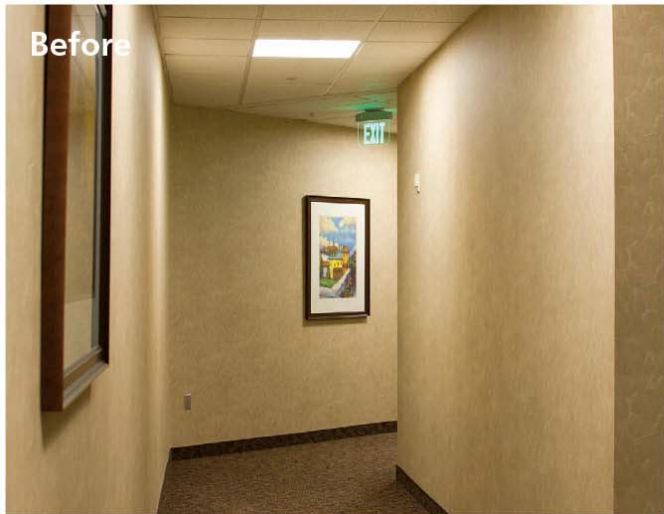


Before

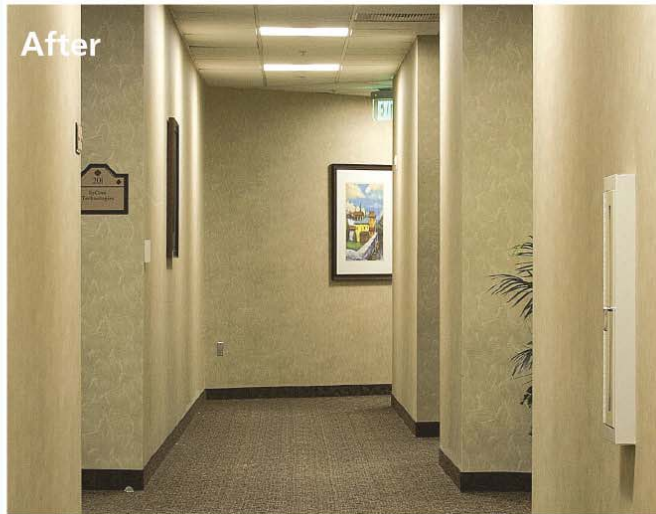


After

9 Office Buildings
Replaced 93W 2x2
fluorescent fixtures
with 40W LED fixture
replacements



Before



After

Area Lighting



Before

400W MH



Area Lighting



After

212W LED



Area Lighting



50% Power – After

108W LED



Area Lighting



Before

400W MH



Area Lighting



After

212W LED



Area Lighting



50% Power – After

108W LED



Area Lighting



Before



After

Shopping Center
400W MH Retrofitted
with 212W LED area
lighting fixture
replacements with
LeafNut wireless
control systems



Before

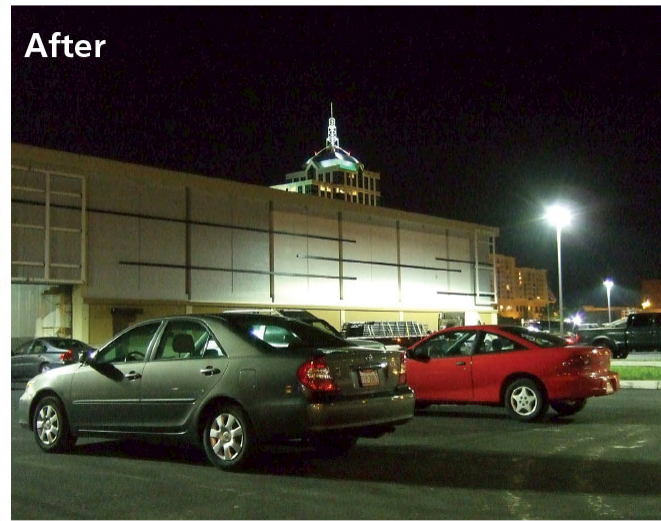


After

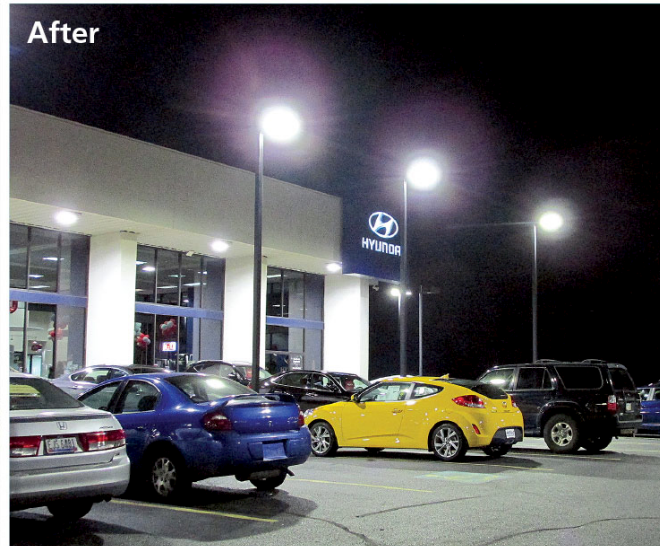
Area Lighting



Shopping Mall
1000W MH
Retrofitted with 212W
LED pole mounted
parking area fixtures



Area - Parking Lot



Auto Dealership
1000W MH fixtures
replaced with 212W
LED pole mounted
parking area fixtures

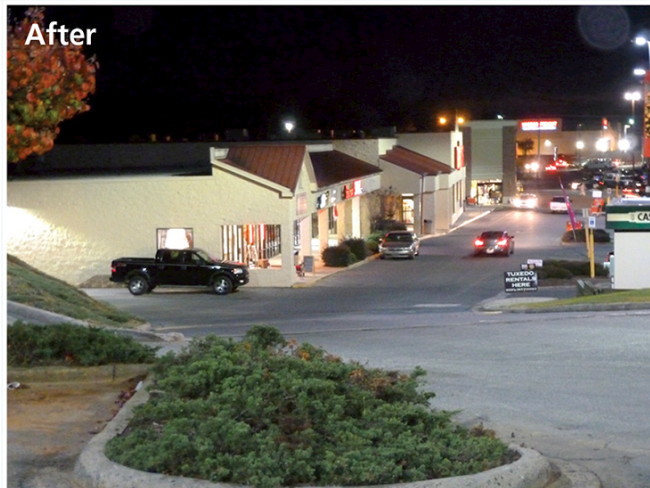
Building Exterior



**Shopping Center
Receiving Area**
400W MH Retrofitted
with 81W LED
wallpacks



Area - Parking Lot



Shopping Center
1000W MH pole
mounted fixtures
retrofitted with 212W
LED systems

Venture LED Advantage



- Energy Saving
- Longer Life
- Superior Performance
- Easy to Install
- 5 Year Warranty
- All Weather
- Technical Support





LED Lamps

Retrofit Lamps



Retrofit Lamps

<u>Wattage</u>	<u>Lumens</u>
8W	960
10W	1200
14W	1680
18W	2160
22W	2640
27W	3240
36W	4320
45W	5400
54W	6500
100W	11000

- Mogul and medium base
- Change just the lamp and start saving
- Available in 4000K and 5000K

T8 Lamps



Ballast-free **LED T8 Lamps** (Fluorescent ballast bypass)



Wattage	Length	Lumens
9W	2 ft.	925
18W	4 ft.	2000

Note: Direct wire to 120-277V input

Instant Start Fluorescent Ballast Compatible

LED T8 lamps (Direct replacement)



Wattage	Length	Lumens
17W	4 ft.	1926

Note: Instant start ballast only

All Fit Ballast Compatible

LED T8 lamps (Direct replacement or ballast bypass)



Wattage	Length	Lumens
18W	4 ft.	2212

Note: All Fit lamps are Instant start, Programmable and Rapid Start ballast compatible and can be wired directly to 120-277V by bypassing the fluorescent ballast

- Change just the lamp and start saving
- Direct wire, Instant Start Ballast compatible, or both



Lighting Controls

Take Control of Your Lighting



WIRELESS LIGHTING CONTROL



INGENIOUS CONTROL



LeafNut for Outdoor



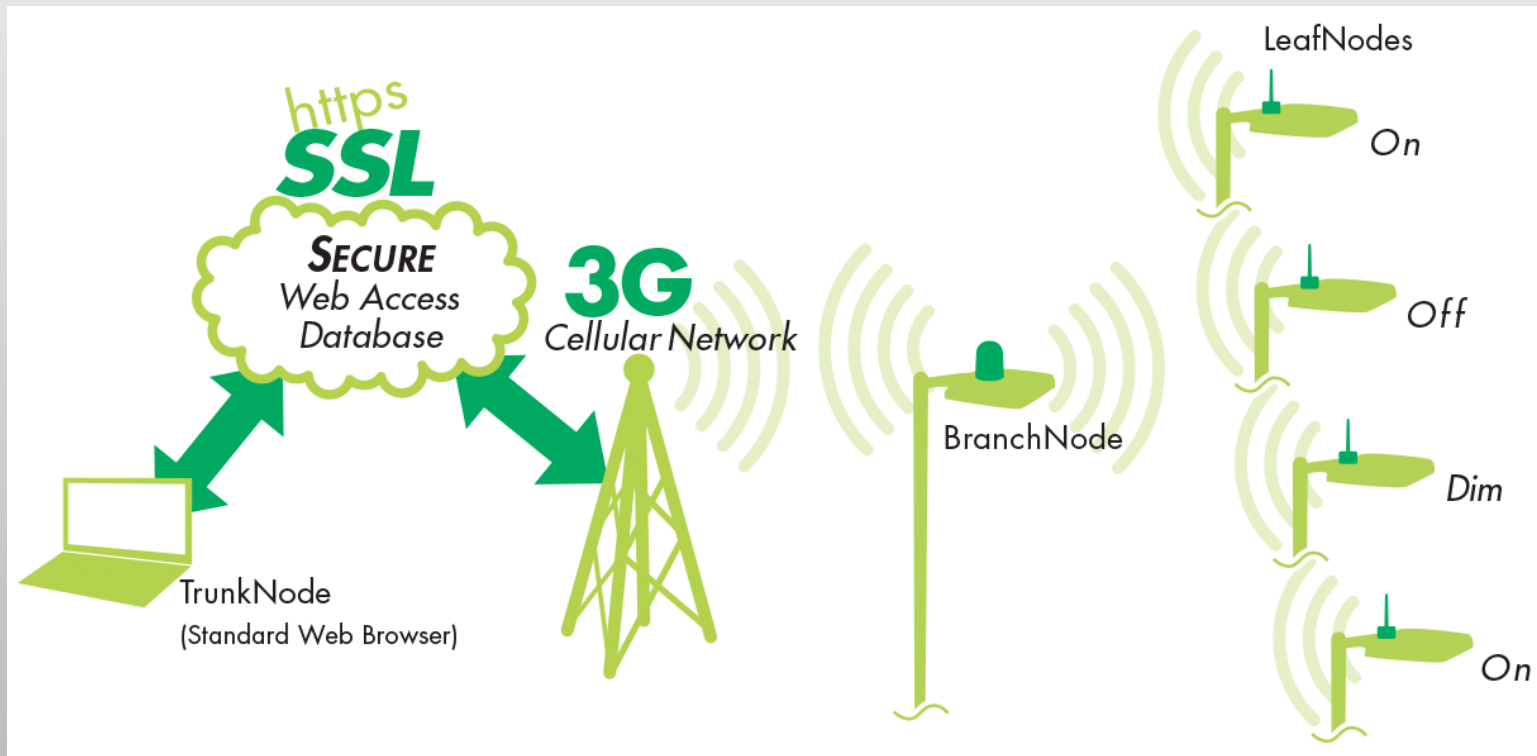
BranchNode and UniNode

- **No software** to buy or download
- **Web based** – access from any computer, anytime
- Multi-level Username and Password **protected**
- **Real Time** Leaf Node/Fixture testing
- **Energy** Use reports
- **Live Status** Google Mapping via GPS
- **24/7** Control and monitoring
- Remote multi-site monitoring (many properties on one website)

LeafNut for Outdoor



How it works



EyeNut for Indoor



INGENIOUS CONTROL

Benefits

- Wireless and ideal for retrofit as well as new construction
- Easy to install without hiring an expensive specialist engineer and easily configurable
- Intuitively controllable through a graphic user interface
- Suitable for multi-building or multiple site control as well as for small installations
- Monitoring and reporting capability with sophisticated energy mapping
- Able to integrate with building management systems
- Compatible with other control gear

Components



EyeNut Hub



EyeNut Gateway



EyeNut Adaptor/Driver



Switches

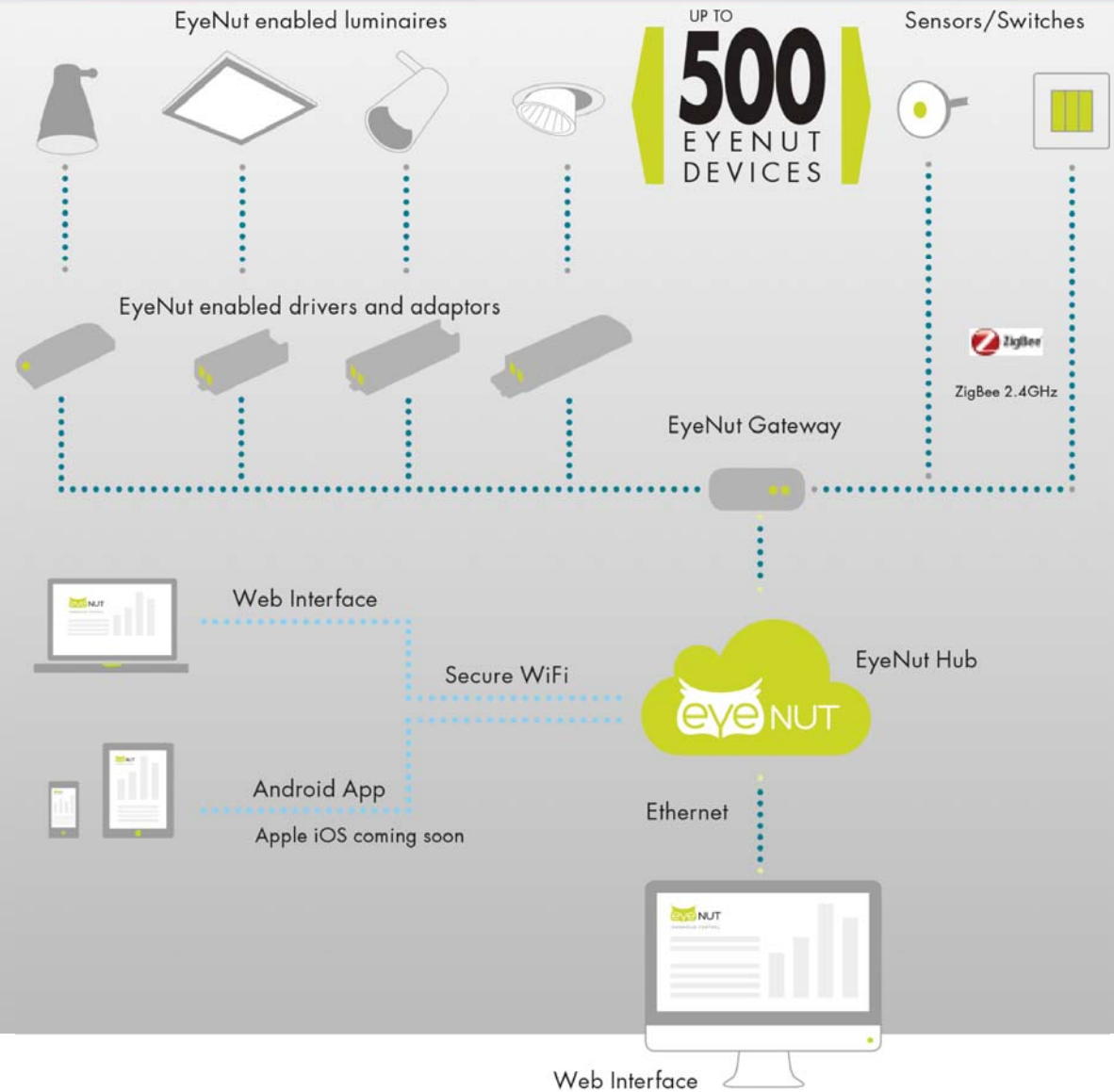


Sensors

EyeNut for Indoor



How it works





The Venture LED Assurance

Warranty Information



Warranty on all LED Fixtures

5 Years



Warranty on all LED Retrofit Kits

5 Years based on 12 hrs/day annual use



Warranty on LED Lamps

T8 lamps **5 Years** 50,000 hours life, based on 12 hrs/day annual use

PAR lamps **5 Years** 25,000 hours life, based on 6 hrs/day annual use

Retrofit lamps **5 Years** 50,000 hours life, based on 12 hrs/day annual use



**Professional Grade LED
from The Leader in HID**