



EnergyLite's Proposed Program: Security Light Upgrade to LED Fixtures

Description

EnergyLite's LED Area Light solutions are specifically aimed at substantially reducing the energy consumed in existing exterior security lighting applications.

As a leading innovator in LED Technology, EnergyLite is a clear choice for implementing a program to replace existing "Area Light" fixtures with LED fixtures.

Benefits

1. 67% reduced energy consumption
2. Significant reduction in maintenance costs
3. Reduces light pollution and limits light trespass
4. LED is a white light source which results in enhanced detail visibility
5. Better quality of light and color rendering
6. Solid state light source with durable design
7. Fixtures are RoHS compliant, free of mercury, lead and substances of very high concern
8. Improved uniformity in light distribution
9. LED fixtures are designed, engineered and manufactured in the USA



GO GREEN!

Summary- Area Light Economic Analysis Per Fixture Data-100W HPS vs. 44W LED

Annual Light Energy Savings	\$36.44
Annual Maintenance Savings	\$42.60
Total Savings	\$79.04

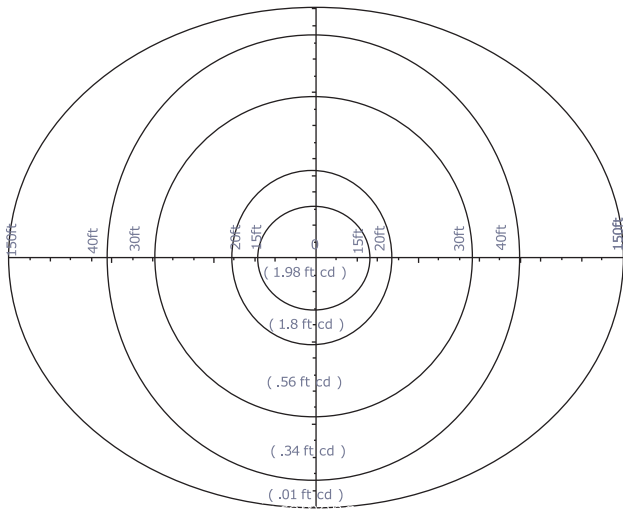
* At \$0.10 kWh Rate

Security Light Fixture Comparison of 100W High Pressure Sodium and EnergyLite LED Area Light

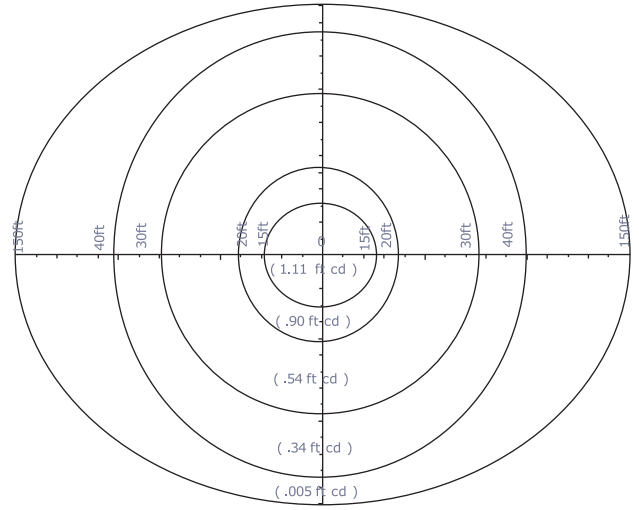
HID Technology	EnergyLite's LED Technology
Typically 138 Watts per fixture	44 Watts per fixture, A 67% Reduction in energy costs
4 Year Lamp Life	Up to 12 Year Life
High Maintenance Cost- Hundreds of Dollars to Repair	5 Year Warranty - Long life, very low maintenance costs
System has hazardous waste	RoHS Compliant
Potential for Light Pollution/Light Trespass	Dark Sky Compliant Minimizing Light Pollution/Light Trespass
Utilizes Less Reliable Photocell	Uses Breakthrough Proprietary Dusk/Dawn Technology to Maximize Reliability



Shown below: 44 w LED Area Light vs 100 w HPS Light Fixture



44W LED Area Light



100W HPS (135 watt total)

EnergyLite LED Area Light

