



energyavengerseries

Presented By:



"An Environmental Alternative"



What is the Energy Avenger

- It really is a simple product
 - A Patented Voltage Reduction Device
 - Meets Illuminating Engineering Society (IES) Lighting Guidelines
 - UL Listed



Benefits



- Works with all new and existing HID lamps and ballasts
 - Extends Lamp and Ballast life
 - Lowest Cost Solution on Market
- Reduces lighting energy consumption by **20% to 35%** Using Your Existing Lamps, Ballasts and Fixtures
- Simple Installation
 - Connects Directly to the Lighting Circuit at the Breaker Panel
 - Lowest Cost Installation on the Market





Benefits



- Defer costs of:
 - Upgrades to existing lamps and ballasts
 - Replacement parts to existing features
 - Labor and maintenance costs
- Reduces indoor AC costs by lowering lighting load
- The Energy Avenger qualifies for the Xcel Energy Rebate Program
- Qualifies for State and Federal Tax Incentives





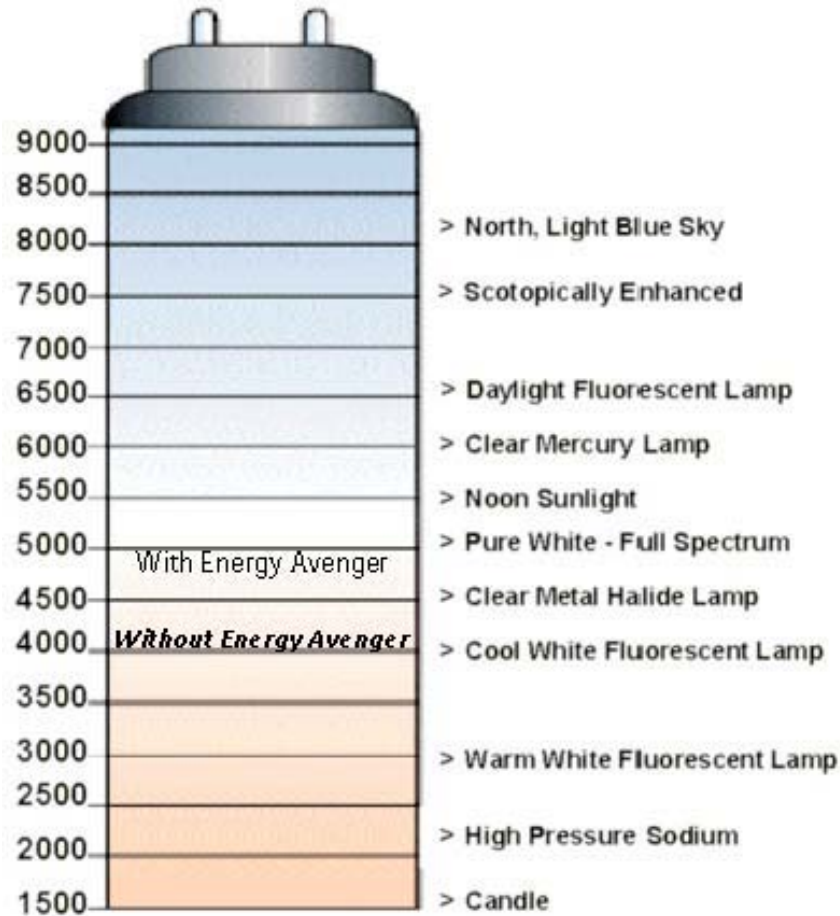
How Does it Work?



- HID Lighting control Takes over after the lights warm up
- Alters the applied voltage to HID lights (Kelvin Shift)
- By applying a reduced voltage to lights, current is reduced
- Provides 20%-35% energy savings

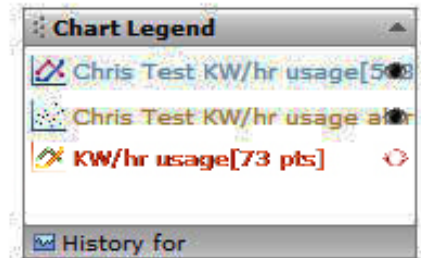


Kelvin Shift



Real Data

History for



Range: 0d 18h 14min 32s
 Data points: 73
 Min: 0.00 kW
 Max: 1.68 kW
 Average: 1.080 kW
 Std.dev.: 0.6156
 Area: 19.71 kWh
 Visible Area: 20.14 kWh

Our real time metering system shows savings within 15 minutes of installation. We will monitor your Proof of Concept for up to 30 days at no cost and show you exactly how much money you are saving.



Environmental Benefits



- Green Energy Product
- Qualifies for LEED Innovation Points
- May qualify for carbon credits
- Reduces Carbon footprint:
 - CO₂, SO₂, NO_x



Applications

Interstate Highway Lights



Gas Station



Applications

Correctional Facility



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Parking Lot





Current Customers



Massachusetts

- Mass. Highway I-93
- MCI Concord MA
Department of Corrections
- Billerica Public Works –
Water Treatment Plant

National

- Diversified Development Malls
- Portland International Jetport

Las Vegas, NV

- Stations Casinos
- Harley Davidson
- Ocean Spray Cranberry
- Saturn of Henderson

California

- US Postal Service
- BMW Dealership
- Port Hueneme



Pre-Installation

1. Identify location for unit installation
2. Electrical contractor conducts audit process (at no cost to the client)
3. Audit analysis and unit determination by
4. Presys Energy and ISI Controls
5. Installed by Licensed electrician

Post-Installation

1. Documented Savings
2. Third party validation for rebate confirmation
3. Presys team reviews savings with customer
4. Sales representative completes the purchase process with customer





Testimonials and Certifications



Mass. Highway Department

Phillips Lighting

Stations Casinos

General Electric Lighting

Saturn of Henderson

Diversified Development Malls

BillERICA, MA Department of Public Works





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