



Phil Everitt

Lighting and Controls Specialist

IAC Supply Solutions

SPONSORED BY:





LED Lighting Efficiency

Phil Everitt



IAC Supply Solutions, Inc



- Leading electrical & industrial wholesale distributor headquartered in Memphis, TN
- Locally owned and managed for 34 years with roots back to 1895
- Serving Electrical/Automation, Industrial, Commercial and Residential Construction Markets
- 8 Locations in West Tennessee, Arkansas and Mississippi employing 140+ employees
- Over \$13+ Million inventory
- State-of-the-Art Customer Training Centers in Memphis, Bartlett, Blytheville and Jonesboro.
- Best in Class Automation, Electrical and Industrial Product Lines



IAC Supply Solutions Core Values



Services and Solutions

- **Automation Support Team (AST)**
- **Project Solutions Group (PSG)**
- **Industrial Supply Specialists**
- ***SupplyMaster* – Asset Management and VMI Solutions**



Project Solutions Group (PSG)

- Design
 - Lighting and Controls
 - Gear and Distribution
- Quotations
 - As Specified
 - Value Engineering
- Construction Management
 - Order Management
 - Material Tracking



LED Lighting Technology:

*The Changes in Lighting Technology:

- Incandescent
- HID
- Fluorescent
- LED (Light Emitting Diode)

*LED Lighting Technology:

- Life Span (50,000 – 100,000 Hours)
- 2-4 times longer than Fluorescent & HID
- Up to 20 times longer than Incandescent



LED Lighting Technology Continued:

*LED Energy Efficiency:

- LED consume very low amounts of power
- Lumens Per Watt
- LED Retro-Fit projects can result into 60-75% improvement in Efficiency
- Better Color Rendering
- LEDs generate Directional Emissions
- Environmentally Safe
- Control Capabilities
- ROI (Return on Investment)



LED Lighting Controls:

- * Ways of Lighting Controls:

- Switching
- Occ Sensors
- Dimming
- Integration

- * Markets for Controls:

- Industrial
- Commercial
- Residential



LED Lighting Controls Continued:

* Flexibility of Lighting Controls:

- Single Room Controls
- Building Controls
- Campus Controls

* Why Lighting Controls:

- Energy Savings
- Longevity Life Span
- High-End & Low End-Trimming/Dimming
- Occ Sensing

