

Complete Lighting Solutions for Distribution Centers

aisle and warehouse - mounting height 25' and up



cold storage



exit, egress and emergency



aisle and warehouse - mounting height 15-30'



dock



site, safety and security



aisle and warehouse - mounting height 20' and up



office



parking lot

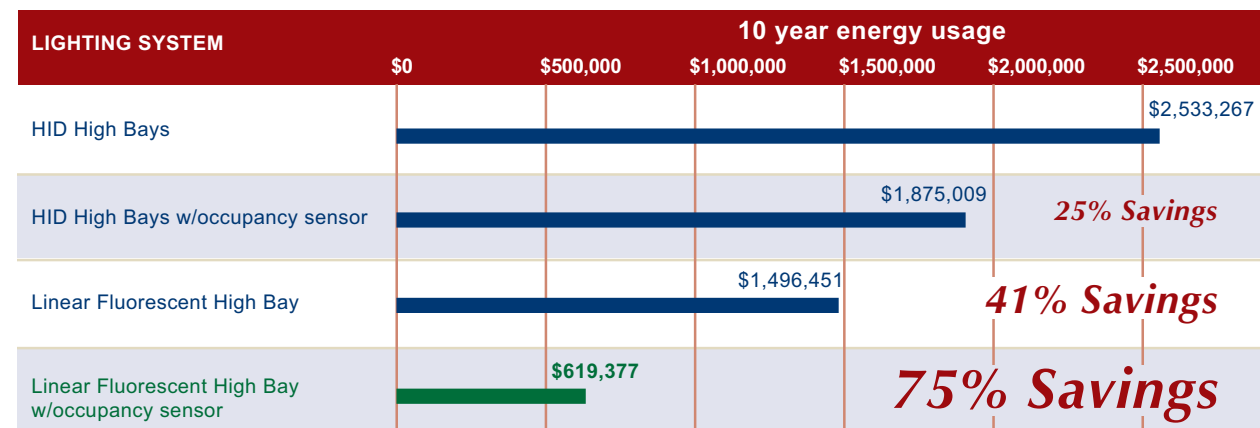


How Ruud Lighting... Saves You Energy

Our Application Engineering department calculated the potential savings for a customer's 700,000 square foot warehouse. We produced layouts and energy calculations comparing four lighting systems:

- 400-watt probe start metal halide (base system)
- 400-watt probe start metal halide with occupancy sensor
- 4-lamp T5HO Linear Fluorescent
- 4-lamp T5HO Linear Fluorescent with occupancy sensor

All systems require 1,507 fixtures which provide approximately 25 average footcandles (calculated using mean lamp lumens) measured at 2.5 feet above finished floor. The graph below shows the costs for operating the four systems in this warehouse for a 10-year period. A more detailed analysis is available on request.



With potential savings of nearly \$2 million over 10 years, it is clear that a T5HO Linear Fluorescent system with occupancy sensors is an excellent choice for this application. Other cost effective choices are also available. Call for details

Assumptions for standard system:

- Fixture height: 28ft above finished floor
- Reflectances: 50-30-10
- 25° C ambient temperature around fixture
- \$0.08/kWh cost of electricity
- Costs include the estimated costs of group re-lamping

Assumptions for two-level system:

- Same as standard system, plus:
- 25% of the time fixtures operate at full power
- 75% of the time the HID fixtures operate at 50% power
- Fluorescent fixtures on low setting use 25% power (2 lamps on in every other fixture)



For more information about fluorescent and HID lighting, call **800-236-7000** today for a copy of our High Bay Lighting Comparison Guide.

Ruud Lighting takes you beyond the “one fixture fits all” approach.

We offer a full range of fluorescent and HID fixtures to provide you with a complete lighting solution. Let us use our expertise to correctly design the lighting package for your unique warehouse/distribution center application.

Ruud Lighting provides solutions that:

- Save energy
- Improve productivity
- Modernize for efficiency
- Enhance safety
- Comply with lighting requirements

Ruud's tailored lighting solution package includes:

- Complimentary layout assistance
- Complete fixture schedule matched to existing specifications
- Recommended value engineering of new or existing specifications
- Energy savings calculations
- Sample fixture program
- Unmatched service, quality and speed of delivery

To see our complete selection of fixtures or learn more about Ruud Lighting, visit: www.ruudlighting.com, call 800-236-7000 or contact your local electrical contractor.

Let Ruud Lighting's Application Engineering Department review your existing systems and prepare cost effective solutions to suit your requirements and budget.



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Let us help you... Save Up to 75% in Energy Costs

