

Upgrade your lighting technology...

You could  
save over  
75% in  
energy  
costs

Let us help you...

Take advantage of incentives through local and national energy rebate programs by investing in new technology

**RUUD**<sup>®</sup>  
LIGHTING

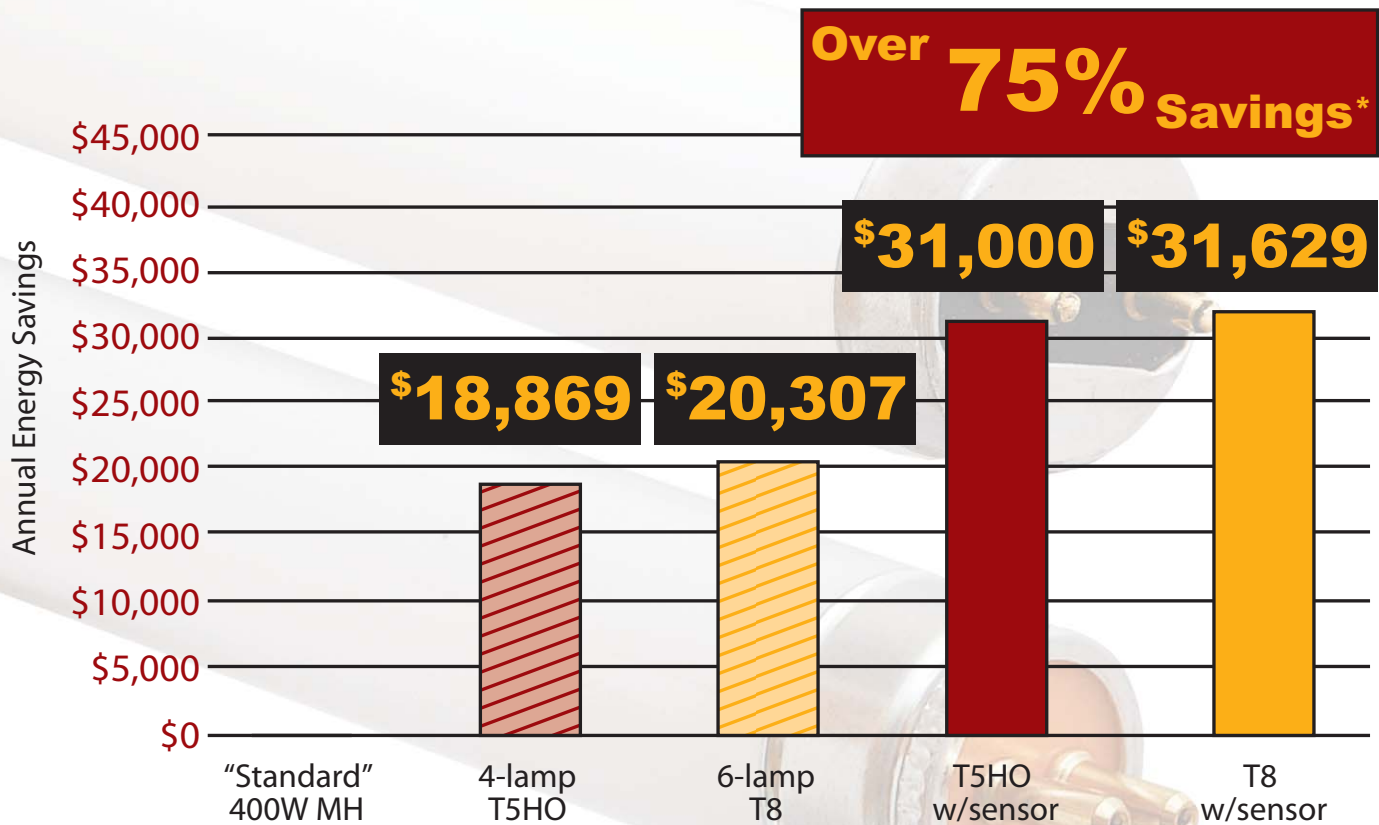
Maximize energy and cost savings with fluorescent technology

The need for energy savings is driving a trend toward fluorescent lighting. In addition, **quality of light output has improved with T8 and T5HO** lamp technology, which are now used in a variety of applications with outstanding results.

Increase the benefits of switching to linear fluorescent high bay lighting by adding **motion sensors**. There is 25% power draw in the low setting compared to the 50% power draw with metal halide systems.

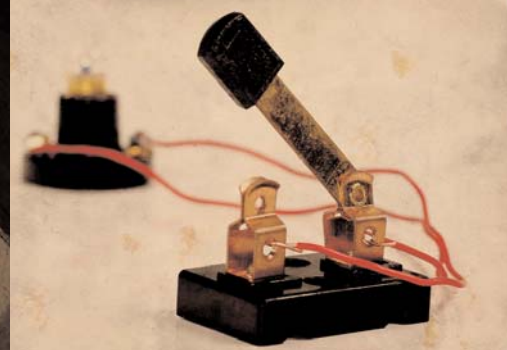
## Annual energy savings - fluorescent

**Significant** energy savings can be achieved by upgrading from metal halide to fluorescent. The addition of motion sensor technology leads to even greater savings.



**Payback period on upgrades:** 2.5 years    2.3 years    2.2 years    2.3 years  
*Does not include applicable rebates*

T8 fixtures with motion sensor only available with program start ballasts due to shortened life on rapid cycle applications.  
 \*Annual energy expense for standard 400W MH system \$40,435



## Utility company rebate programs ...more reason to upgrade

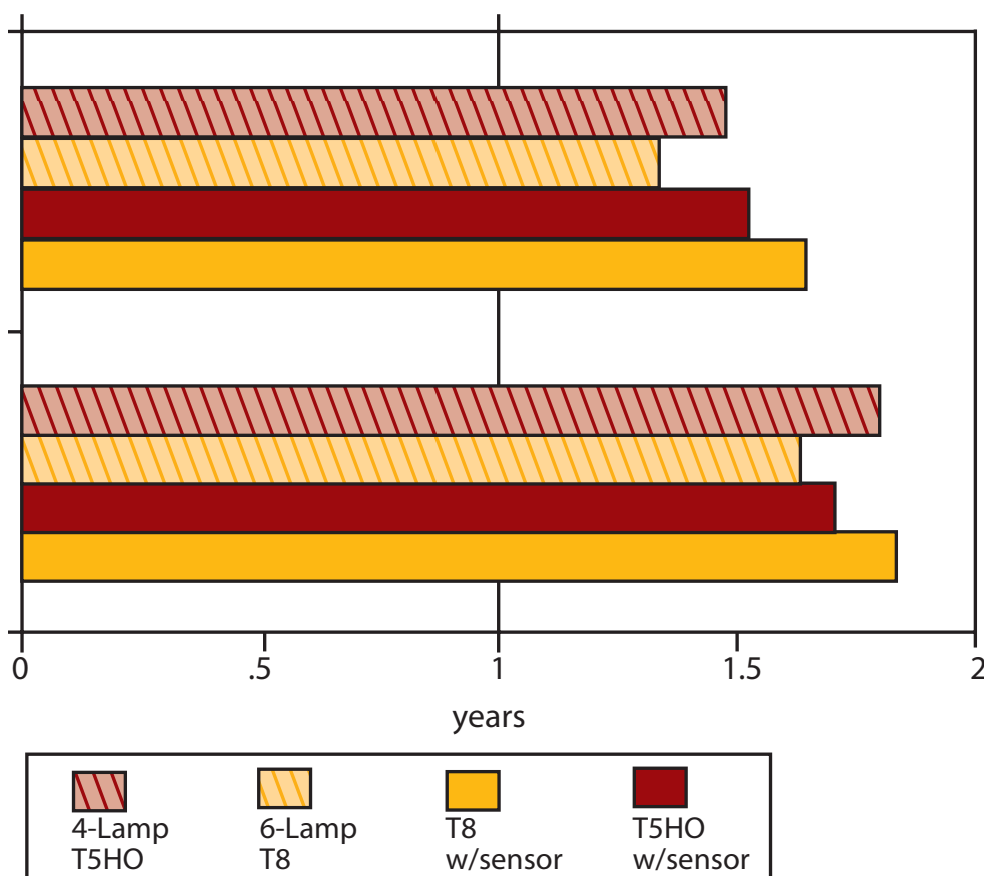
Many utility companies offer incentives to upgrade lighting technology to reduce energy consumption. Often, the value of the rebate program offsets the labor cost of retrofitting your current fixtures resulting in payback in as little as 16 months.

### Rebates shorten payback periods

Examples of Rebates Offered:

\$100 off per fixture

\$70 off per fixture



Check with your local utility company for specific rebates offered in your area – OR visit [www.ruudlighting.com/save\\_energy/index.html](http://www.ruudlighting.com/save_energy/index.html) for links to utility company websites.

**Want to save even more?** The 2005 Energy Policy Act (EPAAct) may allow for tax deductions on energy efficient lighting upgrades. More details regarding the EPAAct and the ASHRAE standards can be found at [www.fsec.ucf.edu/EPAAct-05.htm](http://www.fsec.ucf.edu/EPAAct-05.htm).

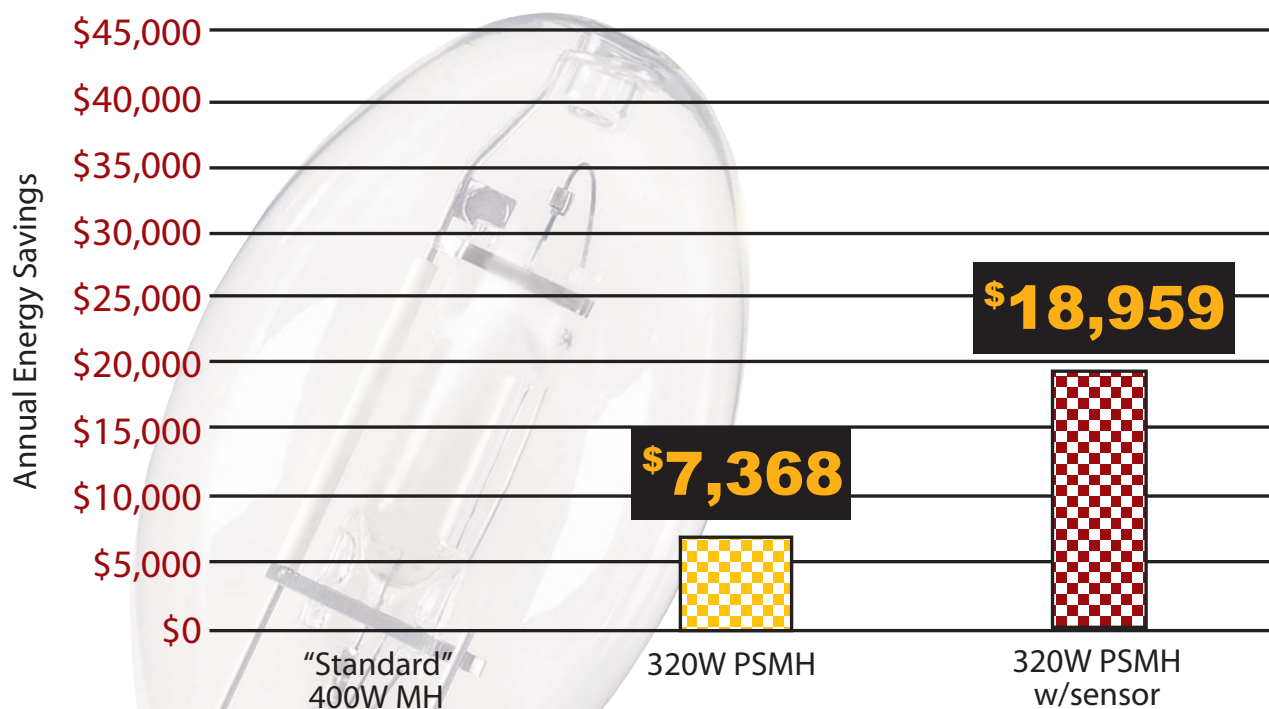
When projects require metal halide technology

Metal halide technology has improved with greater **efficiency and significant gains in lumen maintenance**. Metal Halide is the technology of choice when extreme temperatures are a factor.

Metal halide fixtures in low traffic aisles can be set to 50% power to reduce energy consumption by adding **motion sensors**. This is especially appropriate for distribution centers and warehouse applications.

## Annual energy savings - metal halide

**Moderate to substantial** energy savings can be achieved by upgrading from standard metal halide (probe start) to pulse start metal halide. Adding a motion sensor further increases the energy savings.



**Payback period on upgrades:**

**5.8 years**

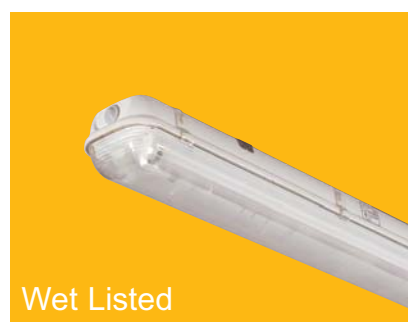
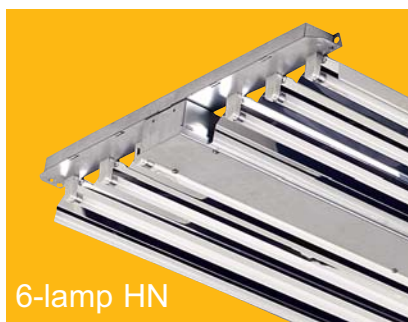
**3.7 years**

Assumptions for all calculated values on energy savings and payback tables: The "Standard" technology example assumes a space lit by 200 400W metal halide prismatic (probe start) fixtures, fixture height of 28ft above floor, 25° C ambient temperature around fixture. Annual operating hours of 5616 = 18 hours /day x 6 days/week (2 shifts) at a cost of \$.08 per kwh. MH Low Mode: consumption approximately 50% of total. Fluorescent Low Mode: every other fixture at 50% for net 25% total consumption. The proposed technology upgrades assume a one-for-one replacement of existing 400W probe start metal halide fixtures. Payback periods are calculated based on estimates of Ruud Lighting factory direct fixture costs for PSMH and Linear Fluorescent fixtures, average contractor installation labor and mark-up, with sensors integral to the fixture.

Consider  
Ruud  
for all  
of your  
lighting  
project  
needs!

Whether you're lighting a distribution center or a warehouse space, Ruud has the fixtures you need. We offer products to suit all ceiling heights and ambient temperatures in linear fluorescent high bay, wet-listed linear fluorescents, PSMH high bays and indirect linear fluorescent fixtures.

## Ruud now offers an even broader range of energy efficient fixtures:



# Let us help you select the best fixtures for your application



## Linear Fluorescent High Bays

- Energy savings
- Short payback period on upgrade
- Comparable light levels to MH
- Ideal for aisle applications
- Long lamp life
- Excellent lumen maintenance
- Effective retrofit for MH fixtures
- Easy installation and maintenance
- May qualify for energy utility rebates
- Many lamp color temperatures and CRI choices



## PSMH High Bays

- Low initial cost
- Adjustable light distribution
- Maintenance time reduced
- No temperature limitations, ideal for unconditioned spaces
- Lamp unaffected by 2-level system switching
- Energy savings with PSMH vs. Standard MH



Ask your local electrical contractor to work with Ruud Lighting to customize a cost saving alternative for your business.

To see our complete selection of fixtures or learn more about Ruud Lighting, visit:

[www.ruudlighting.com](http://www.ruudlighting.com) or call 800.236.7000.

**RUUD**<sup>®</sup>  
LIGHTING

9201 Washington Avenue  
Racine, Wisconsin 53406-3772  
800.236.7000

  
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