

# INDUSTRIAL LIGHTING PROS



## SAVE MONEY using LED lighting upgrades & retrofits from MSC Electrical.

Most office settings use T8 or T12 light fixtures. Assuming a company keeps the lights on for 10 hours per day, 5 days per week, 52 weeks per year, it could be spending upwards of \$3,000 dollars per year on lighting.

### COST COMPARISON - LED vs. T8 & T12

SPECIFICATIONS	LED	T8	T12
<b>Wattage</b>	40 watt kit	4-lamp 4' fixture	4-lamp 4' fixture
<b>Total watts/fixture</b>	40 watts	148 watts	175 watts
<b>Wattage of 100 fixtures</b>	4,000 watts	14,800 watts	17,500 watts
<b>x 10 hours per day</b>	x 10	x 10	x 10
<b>Wattage per day</b>	40,000 watts	148,000 watts	175,000 watts
<b>kWh per day</b>	40 kWh	148 kWh	175 kWh
<b>Utility power cost</b>	0.10/kWh	0.10/kWh	0.10/kWh
<b>Lighting cost per day</b>	\$4.00	\$14.80	\$17.50
<b>x 260 work days per year</b>	x 260	x 260	x 260
<b>TOTAL COST PER YEAR</b>	<b>\$1,040.00</b>	<b>\$3,848.00</b>	<b>\$4,550.00</b>

***MSC Electrical can help you reduce this lighting expense down to just over \$1,000<sup>00</sup> per year.***

**A SAVINGS  
OF 73%**

Switching from  
T8 to LED

**A SAVINGS  
OF 77%**

Switching from  
T12 to LED

***In many cases, the ROI for LED warehouse lighting is well under two years with an additional reduction in your company's service expenses & maintenance costs.***

The calculated estimated cost is an estimate only. The amount you will actually pay annually will depend on your actual consumption of electricity and the plan you are on.

# INDUSTRIAL LIGHTING PROS



**BIG SAVINGS ON FACILITIES**

**WHERE LIGHTS ARE KEPT ON**

**24/7**

*A facility lit 24/7 can reduce the money spent on T8 lighting by as much as 73% and by as much as 77% on T12 lighting annually.*

## 24/7 COST COMPARISON - LED vs. T8 & T12

SPECIFICATIONS	LED	T8	T12
Wattage	40 watt kit	4-lamp 4' fixture	4-lamp 4' fixture
Total watts/fixture	40 watts	148 watts	175 watts
Wattage of 100 fixtures	4,000 watts	14,800 watts	17,500 watts
x 24 hours per day	x 24	x 24	x 24
Wattage per day	96,000 watts	355,200 watts	420,000 watts
kWh per day	96 kWh	355.2 kWh	420 kWh
Utility power cost	0.10/kWh	0.10/kWh	0.10/kWh
Lighting cost per day	\$9.60	\$35.52	\$42.00
x 260 work days per year	x 365	x 365	x 365
TOTAL COST PER YEAR	\$3,504.00	\$12,964.80	\$15,330.00

***MSC Electrical can help you reduce this expense.***

**A FACILITY OPERATING IN A SIMILAR CAPACITY  
CAN SAVE OVER**

**\$11,800<sup>00</sup> per year**

Switching from  
T12 to LED

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