

## CASE STUDY

# MICROPRECISION

### ABOUT THE CLIENT

MicroPrecision is one of the leading suppliers of precision-machined and turned components. Located in Delavan, Wisconsin, they are housed in a 125,000 square foot facility with 25,000 square foot office spaces.

### CHALLENGE

With pre-existing lighting that consisted of 4 Lamp 4' 32W fluorescent tubes, MicroPrecision needed to boost light levels in their production areas because the current lighting was emitting low foot candles with a color temperature of 3,500K. This means the light quality was affecting the working conditions of their staff by providing insufficient visibility.

### SOLUTION

Ingersoll Lighting relamped with 4' 18W 5000K LED tubes to increase the brightness in the MicroPrecision production areas.

### PROCESS

Once Ingersoll Lighting met with MicroPrecision to determine their needs, our team customized a solution plan that fit within their budget parameters before heading into installation. This is what the process that included:

- 1 Discovery Call
- 2 Lighting Audit
- 3 Installation

### RESULTS

After relamping their production areas, MicroPrecision saw an increase in their foot candles by 20 lux while boosting the color temperature by 1,500K.

- Relamped with 4' 18W 500K LED tubes
- Increased light levels by 20 foot candles
- Boosted color temperature by 1,500K

### NEXT PHASE

Due to their successful solution, MicroPrecision requested to have all of their office spaces done. In their office environment, Ingersoll Lighting replaces 4' 32W fluorescent tubes with 4' 15W 4000K LED tubes. This upgrade increased the lighting quality to make staff workspaces a brighter and more inviting atmosphere to accomplish their goals.

### SAVINGS

Because of their customized Ingersoll lighting solution, MicroPrecision has experienced a reduction in energy consumption, operating cost, and maintenance cost by over 50%. Due to these significant decreases, they now receive an annual savings of \$29,087.



50%

LIGHTING  
ENERGY  
REDUCTION



0

MAINTENANCE  
COSTS IN  
RELAMPED  
AREAS



12

MONTH  
PAYBACK

ANOTHER HAPPY CUSTOMER

# CUSTOM SOLUTIONS, QUALITY CARE

## ABOUT INGERSOLL LIGHTING

No one knows your business better than you, and no one knows large-area LED lighting better than Ingersoll Lighting. Our team has over 75 years of combined experience in working with facilities and lighting, which enables us to offer a personalized approach for each project. Our team combines integrity and innovation to provide your business with the best large-area led lighting solutions.

Your business matters, which is why we've found a way to offer you the best products with customized plans at competitive prices. We've spent years weeding out the competition and have built partnerships with the best in our industry. We have exclusive purchasing and labor relationships with vendors across the country giving us the ability to ensure a seamless process from bidding to final installation.

## WE PROVIDE SOLUTIONS

Ingersoll Lighting with you every step of the way providing customized solutions that deliver top-notch results from start to finish.

- Interior LED Lighting
- Exterior LED Lighting
- Building Envelope Energy



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## TURN-KEY SERVICE

Energy and lighting upgrades shouldn't add stress to your business, which is why we offer total turnkey packages that make your solutions straightforward. Ingersoll provides customized LED lighting solutions with a straightforward process. Our turnkey packages deliver complete lighting and energy upgrades without adding anything to your to do list. Let Ingersoll Lighting help your business reduce energy costs with custom solutions and quality care.

- Building & Lighting Audits
- Photometrics
- Financing
- Installation
- Rebates Energy

## ARE YOU READY TO SAVE?

Give us 15 minutes and we'll get you on your way to better lighting with brilliant savings. Based on over 766 satisfied customers, here are the average savings our solutions secure:



55-75%

LIGHTING  
ENERGY  
REDUCTION



\$0

MAINTENANCE  
COSTS



18

MONTH  
PAYBACK