

The logo for Optilumen features a stylized sunburst or starburst icon above the word "OPTILUMEN" in a bold, rounded, sans-serif font. The text is colored in a vibrant green. A thin horizontal line passes through the center of the sunburst icon.

# OPTILUMEN

PRESENTATION MATERIAL



# ABOUT OPTILUMEN

Optilumen is a leading edge LED manufacturing company, specializing in the development and production of high end commercial and industrial lighting products, featuring both complete luminaires, and the very best retrofit solutions available today.

*Our roots are in engineering...*

Optilumen Inc., a Pennsylvania USA Corporation, was conceived and born from its roots in the electrical engineering and contracting industry, so you can be assured that each and every one of our products is designed with the contractor and the end user in mind.

*"Simply put, we know what you deal with every day, and our products are designed to make your sales and installations as simple and as profitable as possible."*

## WHY CONTRACTORS CHOOSE OPTILUMEN

From an engineering perspective, we focus on 3 specific areas to maximize efficiency and longevity:

1. Thermal management
2. Drive current
3. Driver efficiency

Heat is the main enemy of LEDs. The hotter an LED runs, the shorter it's life. It's that simple.

No company spends more time on addressing thermal management than Optilumen. In an industry that commonly accepts 70-100C operating temps, we shoot for temps as low as possible. Our RKT linear fluorescent retrofit kit for example has insitu operating temps of 38-42C.

We underdrive chips on every product we make. Underdriving a chips increases its luminous output and exponentially increases its life. Imagine running your car engine at full throttle every second of its life.

*We make our own drivers..... the most efficient drivers commercially available.*

We boast efficiencies as high as 94%, PF of .989, THD of 3%, dual active PFC, the lowest operating temps in the industry, and still offer our products at the lowest price.

