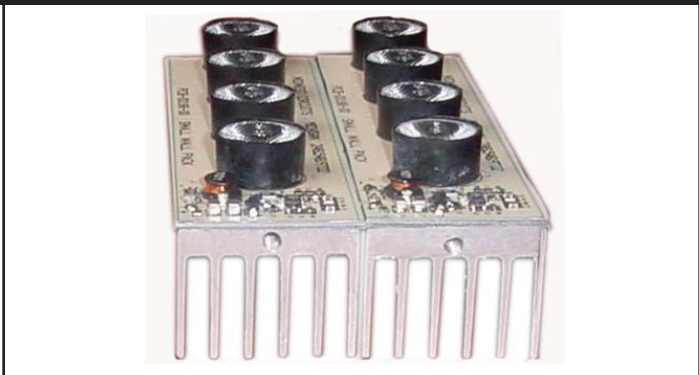


# LED GARAGE RETROFIT KIT

**Reduce Energy – Up to 18 Year Maintenance Cycle**



**Retrofit uses 65 watts**

**Heatsink controls LED junction temperature**

## FEATURES

- 50-60% energy reduction
- 70% maintenance reduction
- Customized retrofit assembly
- Lower cost than new fixtures
- Premium American LED's
- Thermal protection circuit
- Parallel LED operation
- White 4100K – 70% CRI

## BENEFITS

- Qualifies for Utility Rebate
- Lower owning cost
- Easy installation
- Re-use existing product
- Best components
- 60,000 hour expected life
- Light stays on if 1 fails
- Excellent color

## APPLICATIONS

- Parking garage
- Canopy
- Walkway lighting

## Specifications/Features

### GENERAL

- U.S. Manufactured Premium LED Module
- Retrofits up to 250 watt fixtures
- Patent pending LED optical system
- Variety of IES distributions
- 60 to 100 watts of LED's

### CONSTRUCTION

- Luxeon LEDs
- 8 oz finned aluminum heat sinks
- 24 volt operation
- LED sections wired in parallel
- Active thermal control protection
- Easily installed retrofit assembly

### OPTICAL PERFORMANCE AT GROUND

- 20'x30' spacing, 8' MH

Avg.	3.2 FC
Max	4.7 FC
Min	1.3 FC
Max/Min	3.6 to 1
Avg/Min	2.5 to 1

### ELECTRICAL/WARRANTY

- 120 to 277 volt operation
- 5 Year limited warranty
- -40°F starting
- Electronic LED power supply and driver
- UL recognized power module
- 30% lumen depreciation over 60,000 hours
- Instant on after power outage
- Optional 0-10 volt dimming

### PROCEDURE

- Qualify Project with customer service
- Send fixture to Guth for evaluation
- Mock-up retrofitted fixture on site
- Obtain owner approval

### PROJECTS

- University of Buffalo
- Manchester Township, New Jersey
- Southwest Illinois College
- North Richland Hills, Texas

Note: The retrofit module is shown installed in a KIM LIGHTING® HID garage fixture.

