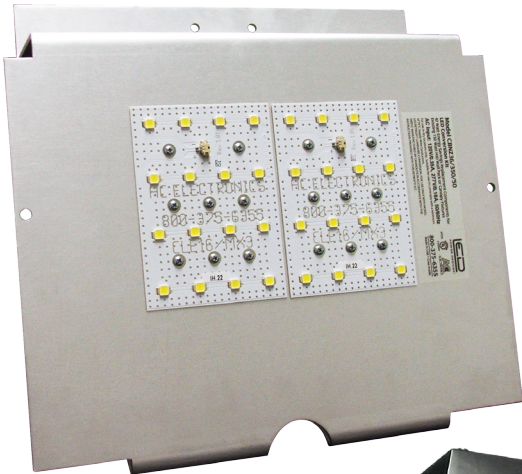


# Minuteman 5™

## LED Retrofit Kit For Garage Canopy

LED Replacement Components for HID Fixtures



## LED Retrofit Kit Model Number CBNZ36/350/50

Fits Grandlite® Lighting Housing SM012

Fits Grandlite® SM012



### Kit Includes:

- Two-Output Channel, Class 2 LED Driver, Model Number: AC-D18C350UVH
- 2 PCB LED Arrays with 32 Cree MX-3 LEDs mounted to industrial grade aluminum LED Driver bracket
- Instructions for Installation
- All required assembly and mounting hardware

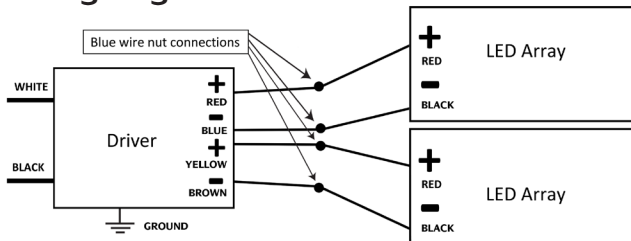
### Specifications

Item	Specification
Input Voltage	120-277V, 50/60Hz
LED CRI	75
Fixture CRI	73.4
LED Color Temperature	5000K
Kit Lumens (Outside Fixture)	3424 Lumen
Fixture Lumens	2602 Lumen
Lumen Maintenance	≥70% @5 years
Fixture Efficacy	58.22 Lumen/Watt
Zonal Lumen Requirement	0-40°; ≥40% 40-70°; ≥40%
Warranty	5 years*
LED Quantity (Brand: Cree MX-3)	32
LED TMP Temperature @25°C	68.3°C
Input Power	42W
Driver Efficiency	88%
Power Factor @277V	0.95
THD @277V	15%
Driver TMP temp @25°C Ambient	64°C
Noise	<24dB
EMI	FCC part 15
Max Operating Temperature	45°C Ambient
Min Operation Temperature	-40°C
LED Retrofit Kit Dimensions / Weight	3.25"H x 12"W x 11"D / 3 lbs.



Note: LM79 and ies files are available upon request.

### Wiring Diagram



### Warranty

LED Retrofit Kit warranty is only valid when it is used in the Grandlite® lighting housing it was designed to be used in unless otherwise approved in writing by AC Electronics. Any other use in any other lighting housing or use with non-AC specified or supplied components will void this warranty. \*AC warrants to the purchaser that this LED Retrofit Kit will be free from defects in material or workmanship for a period of 5 years from date of manufacture, when operated at a maximum ambient temperature of 110°F or 45°C, when properly installed and under normal conditions of use. See [www.aceleds.com](http://www.aceleds.com) for complete warranty policy.

Grandlite® is a registered trademark of Grandlite® International Corporation. AC Electronics is not associated with Grandlite® International.

AC ELECTRONICS



### Tork® 2107 Photocell

Approved For Use With AC LED Retrofit Kits

- 120/277V 1800 VA Ballast Load
- 1 To 5 FC Turn On Light Level
- 3 To 15 FC Turn Off Light Level
- SPST Switch
- 16 AWG 6 Inch Wire Lead Terminal
- Temperature Rating -40 to 140°F
- 1/2" Conduit Mounting
- Not included, available from secondary sources



### AC Electronics LED Retrofit Kit vs. Standard HID Lights

Wall Pack Light Source	Input Wattage	Lifespan Hrs/Yrs	Energy Use (24hrs/day) Annual	Annual Cost (maintenance + electricity) @ \$0.11/kWh	Electrical Cost Savings
HID	165	24,000/ 2.7	1446 kWh	\$159.00	
LED	42	50,000/ 5.7	368 kWh	\$40.49	75%

