

# Minuteman 5™

## LED Retrofit Kit + Housing For Fuel Pump Canopy

Contains LED Retrofit Kit and LED Lighting Housing



Made In USA

### AC Electronics LED Retrofit Kit + Housing 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	25	50,000/ 5.7	219 kWh	\$24.09	85%

AC LED Retrofit Kit: CBNZ36/350/50X2



LED Lighting Housing SM012



Minuteman 5™ LED Retrofit Kit + Housing AC012/36/350EX2



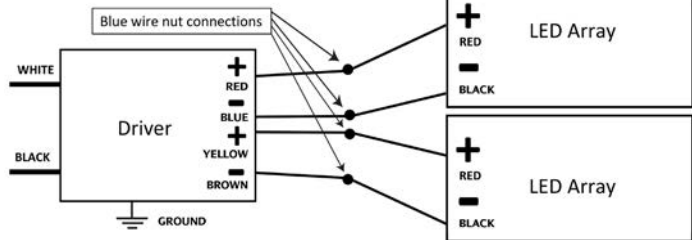
## Kit Model Number AC012/36/350EX2

— Includes Grandlite® Housing SM012 —

### Includes:

- Two-Output Channel, Class 2 LED Driver, Model Number: AC-D12C350UVH
- 2 PCB LED Arrays with 20 Cree XP-G2 LEDs mounted to industrial grade aluminum LED Driver bracket (10 LEDs per array)
- Instructions for Installation
- All Required Assembly and Mounting Hardware
- Grandlite® SM012 Lighting Housing

### Wiring Diagram



### Warranty

LED Retrofit Kit + Housing warranty is only valid when it is used in the Grandlite® fixture it was designed to be used in unless otherwise approved in writing by AC Electronics. Any other use in any other fixture assembly or use with non-AC specified or supplied components will void this warranty.

\*AC warrants to the purchaser that this LED Retrofit Kit + Housing 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.

### Specifications

Item	Specification
Input Voltage	120-277V, 50/60 Hz
Fixture CRI	75
Fixture Color Temperature	4660
Fixture Lumens	2329
Fixture Efficacy	92.9 lumen per watt
Lumen Maintenance	≥70% @ 5 years
Zonal Lumen Requirements	0-40°; ≥40% 40-70°; ≥40%
Warranty	5 years*
LED Quantity (Brand: Cree XP-G2)	20
LED TMP Temperature @ 25°C	52.9°C
Input Power	28W
Driver Efficiency	75%
Power Factor @ 277V	0.967
THD @ 277V	2.2%
Driver TMP @ 25°C ambient	51.8°C
Noise	<24dB
EMI	FCC part 15
Max Operating Temperature	45°C Ambient
Min Operation Temperature	-40°C Ambient
LED Retrofit Kit Dimensions / Weight	3.25"H X 12"W X 11"D / 3 lbs.
Assembled Fixture Dimensions / Weight	8.9"H X 12.4"W X 12.4"D / 8 lbs.



Note: LM79 and ies files are available upon request.

### 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



©2014 • Revised 04/25/14