

Minuteman 5™ LED Retrofit Kit + Housing For Wall Pack



Contains LED Retrofit Kit and LED Lighting Housing

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	42	50,000/ 5.7	368 kWh	\$40.49	75%

LED Retrofit Kit



Kit Model Number AC106/36/350

— Includes Grandlite® Housing SM106 —

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
- Grandlite® SM106 Lighting Housing

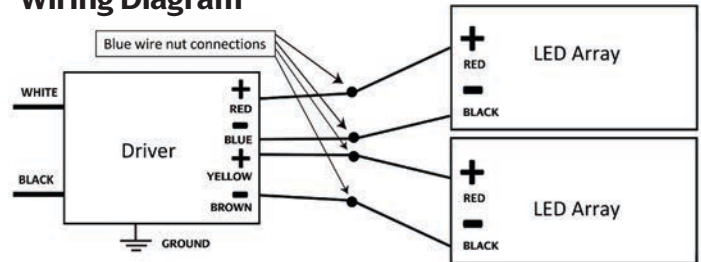
+ LED Lighting Housing



= Minuteman 5™ LED Retrofit Kit + 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.

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

Specifications

Item	Specification
Input Voltage	120-277V, 50/60Hz
LED CRI	75
Fixture CRI	73
LED Color Temperature	5000K
Fixture Color Temperature	5000
Fixture Lumens	2400 Lumen
Kit Lumens Outside Fixture	3501 Lumen
Lumen Maintenance	≥70% @ 5 years
Fixture Efficacy	60 Lumen/Watt
Zonal Lumen Requirement	Not Measured
Warranty	5 years*
LED Quantity (Brand: Cree MX-3)	32
LED TMP Temperature @25°C	70°C
Input Power	42W
Driver Efficiency	88%
Power Factor @277V	0.95
THD @277V	>14%
Driver TMP temp @25°C Ambient	54°C
Noise	<24dB
EMI	FCC part 15
Max Operating Temperature	45°C Ambient
Min Operation Temperature	-40°C
LED Retrofit Kit Dimensions	4"H x 11.75"W x 8"D
Assembled Fixture Dimensions	9.29"H x 14.4"W x 7.13"D



Tork® 2107 Photocell

Approved For Use With AC LED Retrofit Kits

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



NOTE: If you require a completely assembled fixture, we will be happy to provide you with a list of AC approved manufacturers who can supply assembled kits.