

Minuteman 5™

LED Retrofit Kit + Housing For Garage 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	42	50,000/ 5.7	368 kWh	\$40.49	75%

LED Retrofit Kit



+ LED Lighting Housing



= Minuteman 5™ LED Retrofit Kit + Housing



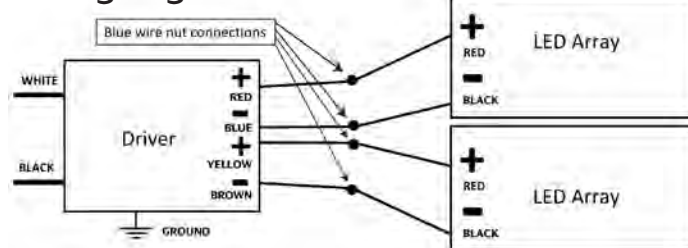
Kit Model Number AC012/36/350

— Includes Grandlite® Housing SM012 —

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® 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.

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	73.4
LED Color Temperature	5000K
Fixture Color Temperature	5161K
Fixture Lumens	2600 Lumen
Kit Lumens (Outside Fixture)	3501 Lumen
Lumen Maintenance	≥70% @5 years
Fixture Efficacy	58.22 Lumen/Watt
Zonal Lumen Requirement	0-60°; 69.4% 60-90°; 27.7%
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	0.959
THD @277V	15%
Driver TMP temp @25°C Ambient	64.0°C
Noise	<24dB
EMI	FCC part 15
Max Operating Temperature	45°C Ambient
Min Operation Temperature	-40°C
LED Retrofit Kit Dimensions	3.25"H x 12"W x 11"D
Assembled Fixture Dimensions	8.9"H x 12.4"W x 12.4"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.

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LED Retrofit Kit



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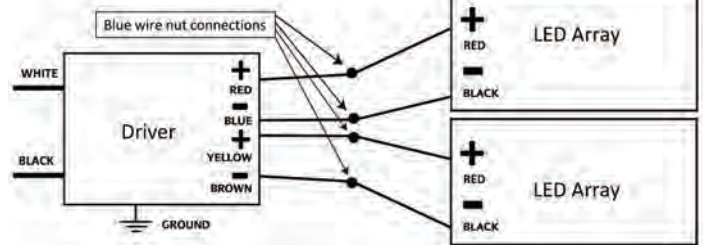
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