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	37	50,000/ 5.7	324 kWh	$35.65	78%

LED Retrofit Kit
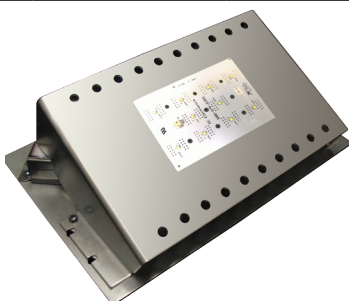
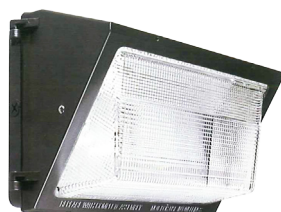**+ LED Lighting Housing**

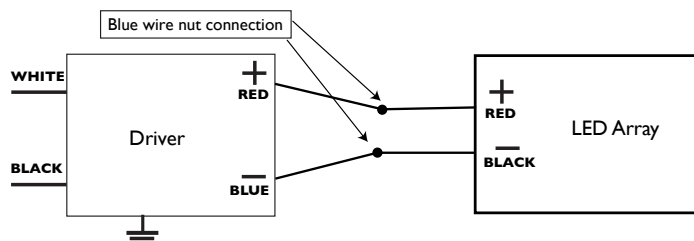**= Minuteman 5™ LED Retrofit Kit + Housing**

Kit Model Number AC106/35/1.0
— Includes Housing —

Includes:

- Single-Output Channel, Class 2 LED Driver, Model Number: AC-35C1.0AUA
- 1 PCB LED Array with 10 Samsung LH351B LEDs mounted to industrial grade aluminum LED Driver bracket

Wiring Diagram

Warranty

LED Retrofit Kit + Housing warranty is only valid when it is used in a fixture it was designed for unless otherwise approved in writing by AC Electronics. Any other use in any 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 for complete warranty policy.

Specifications

Item	Specification
Input Voltage	120-277V, 50/60 Hz
Fixture CRI	73
LED Color Temperature	5000K
Fixture Lumens	3000
Fixture Efficacy	80 lumen/Watt
Lumen Maintenance	≥70% @ 5 years
Zonal Lumen Requirements	Not Measured
Warranty	5 years*
LED Quantity (Brand: Samsung LH351B)	10
LED TMP Temperature @ 25°C	81.5°C
Input Power	37W
Driver Efficiency	84%
Power Factor @ 277V	>0.9
THD @ 277V	<20%
Driver TMP @ 25°C ambient	57°C
Noise	<24dB
EMI	FCC part 15
Max Operating Temperature	45°C Ambient
Min Operation Temperature	-40°C Ambient
LED Retrofit Kit Dimensions / Weight	8"H X 11.75"W X 4"D / 4 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

UL 1598C

RoHS COMPLIANT LEAD-FREE ✓

AC Electronics
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