



# Minuteman 5™ LED Retrofit Kit For Full Cut-Off Wall Pack

*"Fits Any Full Cut-Off Wall Pack Housing  
9.82"H x 11.75"W x 7.67"D or Larger"*

LED Replacement Components for 150 Watt & 175 Watt HID Fixtures

Made in USA with Foreign & Domestic Components

## LED Retrofit Kit Model Number CFCW35/1.0/50

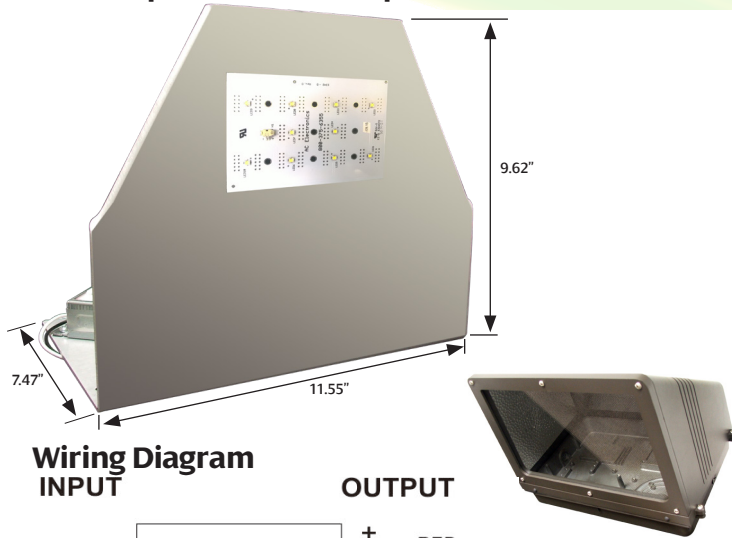
Fits Lighting Housings:  
9.82"H x 11.75"W x 7.67"D or Larger

### Kit Includes:

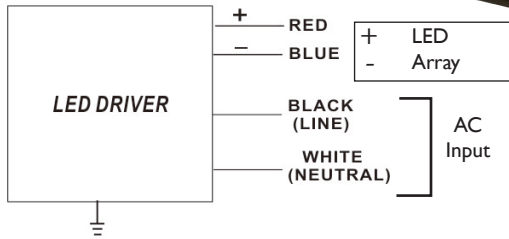
- Single-Output Channel, Class 2 LED Driver, Model Number: AC-35C1.0AUA
- 1 PCB LED Array with Samsung LH351B LED mounted to industrial grade aluminum LED Driver bracket (10 LEDs per array)
- Instructions for Installation
- All required assembly hardware

### Specifications

Item	Specification
Input Voltage	120-277V, 50/60 Hz
Fixture CRI	73
LED Color Temperature	5290K
Fixture Lumens	2986
Fixture Efficacy	80 lumen/Watt
Lumen Maintenance	≥79% @ 5 years
Zonal Lumen Performance	0-90°=100%; 80-90°=0.1%
Warranty	5 years*
LED Quantity (Brand: Samsung LH351B)	10
LED TMP Temperature @ 25°C	81.5°C
Input Power	37.3W
Driver Efficiency	84%
Power Factor @ 277V	>0.9
THD @ 277V	<20%
Driver TMP @ 25°C ambient	57.2°C
Noise	<24dB
EMI	FCC part 15
Max Operating Temperature	45°C Ambient
Min Operation Temperature	-40°C Ambient
LED Retrofit Kit Dimensions / Weight	9.62"H x 11.55"W x 7.47"D / 3 lbs.



### Wiring Diagram INPUT



### Warranty

LED Retrofit Kit warranty is only valid when it is used in 9.82"H x 11.75"W x 7.67"D or Larger 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.

The warranty excludes damage resulting from improper installation or damage caused by fire or severe weather conditions including, but not limited to, lightning and storms. Evidence of direct exposure to water on the failed units voids the warranty.

See [www.aceleds.com](http://www.aceleds.com) for complete warranty policy.

### 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

*Also*

**Approved use option with  
AC Emergency Back-up Battery Backup Pack  
Model # ACE-X10-55-190**

This device will operate the kit for a minimum of 90 minutes in the absence of main power.

- 120/277V, 50/60Hz, 15-55 Output Voltage
- 10W Output Power Rating
- Test Switch
- Charging Indicator Light
- Temperature Rating (Ambient) 32° F to 131° F (0° C to 55° C)

- 6.4V Battery Voltage
- 190mA Output Current

**See Electrical Specifications Sheet for more information**



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