Minuteman 5™
LED Conversion Kit For Wall Pack
LED Replacement Components for HID Fixtures

Made In USA

CREE
Inside

Fits QSSI™ WP15 or
Grandlite® SM106

LED Conversion Kit Model No:
CMOW36/350/50EU
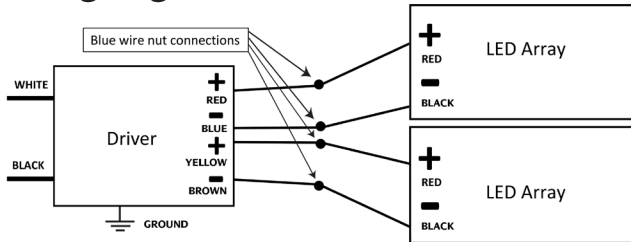### Fits Lighting Housings:
QSSI™ WP15 and Grandlite® SM106

Kit Includes:
- **Two-Output Channel, Class 2 LED Driver, Model Number: AC-D18C350UVH**
- 2 PCB LED Arrays with 60 Cree ML-E LEDs mounted to industrial grade aluminum LED Driver bracket
- **Instructions for Installation**
- **All required assembly and mounting hardware**

Wiring Diagram

Warranty

LED Conversion Kit warranty is only valid when it is used in the QSSI™ or Grandlite® or 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. See www.aceleds.com for complete warranty policy.

QSSI™ is a trademark of QSSI™ Global. Grandlite® is a registered trademark of Grandlite® International Corporation. AC Electronics is not associated with Grandlite® International or QSSI™ Global.

Specifications

Item	Specification
Input Voltage	120-277V, 50/60Hz
LED CRI	75
Fixture CRI	80
LED Color Temperature	4846K
Kit Lumens (Outside Fixture)	3100 Lumen
Fixture Lumens	2630 Lumen
Lumen Maintenance	≥70% @5 years
Fixture Efficacy	71 Lumen/Watt
Zonal Lumen Requirement	Not Measured
Warranty	5 years*
LED Quantity (Brand: Cree ML-E)	60
LED TMP Temperature @25°C	64°C
Input Power	38W
Driver Efficiency	88%
Power Factor @277V	0.95
THD @277V	13%
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 / Weight	8"H x 11.75"W x 4"D / 4 lbs.

UL 1598C

RoHS COMPLIANT LEAD-FREE ✓

Bodine ELI-100-SD Battery Backup Device
Approved For Use With AC LED Retrofit Kits

This device will operate 1 or 2 kits for a minimum of 90 minutes in the absence of main power.
- 120/277V, 60Hz, 100W Max Load
- 120W Input Power Rating

- Test Switch
- Charging Indicator Light
- Temperature Rating (Ambient) 68°F to 86°F (20°C to 30°C)
- Not included, available from Phillips

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

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	38	50,000/ 5.7	333 kWh	$36.63	77%

AC LED POWER DESIGNS