Minuteman 5™
LED Conversion Kit For Full Cut-Off Wall Pack
DLC Approved LED Replacement Components for HID Fixtures

DESIGNLIGHTS CONSORTIUM

Made In USA

CREE®
Inside

Fits QSSI™ WPC15 or
Grandlite® SM311

LED Conversion Kit Model No:
CFCW36/350/50-U
Fits Lighting Housings:
QSSI™ WPC15 and Grandlite® SM311

Kit Includes:

- **Two-Output Channel, Class 2 LED Driver, Model Number: AC-D18C350UVH**
- **2 PCB LED Arrays with 32 Cree MX-6 LEDs mounted to industrial grade aluminum LED Driver bracket**
- **Instructions for Installation**
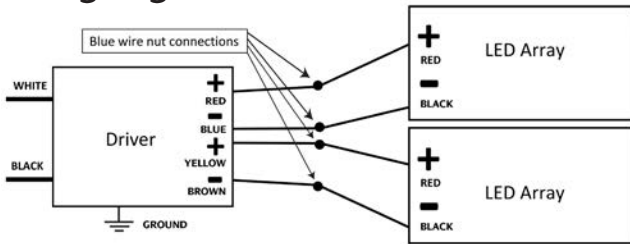- **All required assembly and mounting hardware**

Specifications

Item	Specification
Input Voltage	120-277V, 50/60Hz
LED CRI	75
Fixture CRI	74.7
LED Color Temperature	5000K
Kit Lumens (Outside Fixture)	3501 Lumen
Fixture Lumens	2526 Lumen
Lumen Maintenance	≥70% @ 5 years
Fixture efficacy	73 Lumen/Watt
Zonal Lumen Requirement	0-90°; 100% 80-90° <10%
Warranty	5 years*
LED Quantity (Brand: Cree MX-6)	32
LED TMP Temperature @25°C	61.9°C
Input Power	34W
Driver Efficiency	88%
Power Factor @277V	0.999
THD @277V	8%
Driver TMP temp @25°C Ambient	48.2°C
Noise	<24dB
EMI	FCC part 15
Max Operating Temperature	45°C Ambient
Min Operation Temperature	-40°C
LED Retrofit Kit Dimensions / Weight	11.375"H x 9.55"W x 6.758"D / 3 lbs.

Note: LM79 and ies files are available upon request.

UL 1598C

RoHS COMPLIANT LEAD-FREE

Wiring Diagram

Blue wire nut connections

WHITE — Driver — RED +, BLUE –, YELLOW +, BROWN – ... GROUND

RED +, BLACK – **LED Array**
RED +, BLACK – **LED Array**

Warranty

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	34	50,000/ 5.7	298 kWh	$32.77	79.3%

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