

Minuteman 5™

LED Conversion Kit For Bulkhead Fixture

LED Replacement Components for HID Fixtures



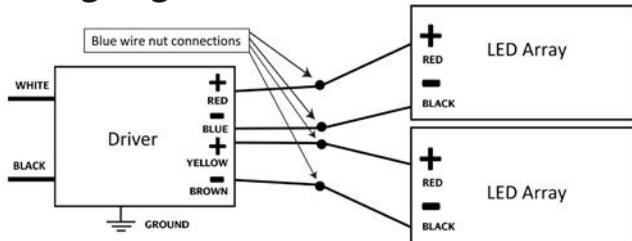
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Inside

LED Conversion Kit Model No:
CBLK36/350/50
Fits Lighting Housing:
QSSI #WPR40GRWH Bulkhead Fixture

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



Specifications

Item	Specification
Input Voltage	120-277V, 50/60Hz
LED CRI	72.7
Fixture CRI	72.5
LED Color Temperature	5572K
Kit Lumens (Outside Fixture)	3004 Lumen
Fixture Lumens	2534 Lumen
Lumen Maintenance	≥70% @5 years
Fixture Efficacy	68 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
Dimensions	10.5"L x 10.5"W x 2.75"D

Warranty

LED Conversion Kit warranty is only valid when it is used in the QSSI™ 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. AC Electronics is not associated with QSSI™ Global.



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%