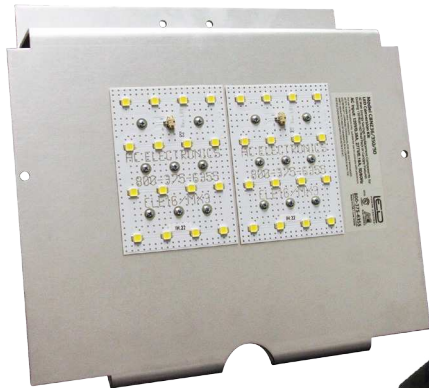


Minuteman 5™

LED Retrofit Kit For Fuel Pump Canopy



DLC Approved LED Replacement Components for HID Fixtures



LED Retrofit Kit Model Number

CBNZ36/350/50-U
 Fits Lighting Housings:
 QSSI™ VN41 or Grandlite® SM012

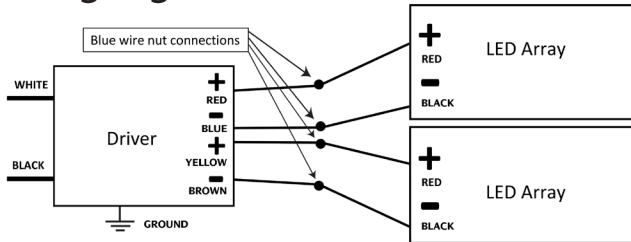
Kit Includes:

- 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

Fits QSSI™ VN41 or Grandlite® SM012



Wiring Diagram



Specifications

Item	Specification
Input Voltage	120-277V, 50/60 Hz
LED CRI	75
Fixture CRI	76.4
LED Color Temperature	5000
Fixture Color Temperature	5137
Fixture Lumens	2557
Kit Lumens (Outside Fixture)	3501
Fixture Efficacy	73 lumen per watt
Lumen Maintenance	≥70% @ 5 years
Zonal Lumen Requirements	0-40°; ≥37% 40-70°; ≥40% 5 years*
Warranty	5 years*
LED Quantity (Brand: Cree MX-6)	32
LED TMP Temperature @ 25°C	64.7°C
Input Power	35W
Driver Efficiency	88%
Power Factor @ 277V	0.999
THD @ 277V	8%
Driver TMP @ 25°C ambient	50.3°C
Noise	<24dB
EMI	FCC part 15
Max Operating Temperature	45°C Ambient
Min Operation Temperature	-40°C Ambient
LED Retrofit Kit Dimensions / Weight	3.25"H X 12"W X 11"D / 3 lbs.



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.

Note: LM79 and ies files are available upon request.

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	35	50,000/ 5.7	307 kWh	\$33.74	79%

