Minuteman 5™
LED Retrofit Kit For Canopy Light
LED Replacement Components for 150 Watt & 175 Watt HID Fixtures

"Fits Any Canopy Housing
11.7"W x 11.0"H x 2.9"D or Larger"

Made In USA

2.66"D

10.81"H

11.5"W

Wiring Diagram

INPUT   **OUTPUT**

	+ RED
	– BLUE
LED DRIVER	BLACK (LINE)
	WHITE (NEUTRAL)

+ LED
– Array

AC Input

Warranty

LED Retrofit Kit warranty is only valid when it is used in 11.7"W x 11.0"H x 2.9"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 for complete warranty policy

LED Retrofit Kit Model Number
CBNZ35/1.0/50
Fits Lighting Housings:
11.7" H x 11.0"W x 2.9"D or Larger

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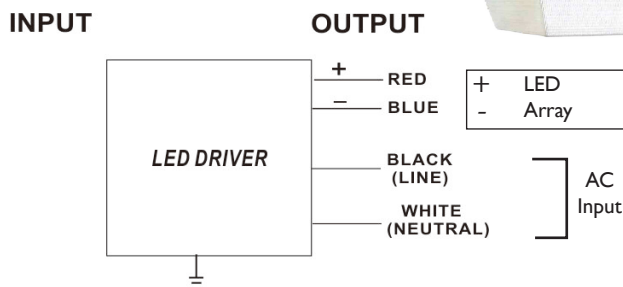
Specifications

Item	Specification
Input Voltage	120-277V, 50/60 Hz
Fixture CRI	73
LED Color Temperature	5000
Fixture Lumens	3000
Fixture Efficacy	80 lumen/Watt
Lumen Maintenance	≥79% @ 5 years
Zonal Lumen Requirements	Not Measured
Warranty	5 years*
LED Quantity (Brand: Samsung LH351B)	10
LED TMP Temperature @ 25°C	81.5°C
Input Power	37W
Driver Efficiency	84%
Power Factor @ 277V	>0.9
THD @ 277V	<20%
Driver TMP @ 25°C ambient	57°C
Noise	<24dB
EMI	FCC part 15
Max Operating Temperature	45°C Ambient
Min Operation Temperature	-40°C Ambient
LED Retrofit Kit Dimensions / Weight	11.7"W X 11.0"H X 2.9"D / 3 lbs.

Note: LM79 and ies files are available upon request.

RoHS COMPLIANT LEAD-FREE

UL 1598C

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%

Tork® 2107 Photocell — Approved For Use With AC LED Retrofit Kits

Also

- 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

ACElectronics™
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