SINCE 1945
KEYSTONE
LIGHT MADE EASY®

KT-EMRG-LED-5C-500-EN /DF

CONSTANT WATTAGE LED EMERGENCY BACK-UP

DESCRIPTION

LED Emergency Back-Up Driver | Dual Flex Conduit | 5W Output | 120–277V Input

- **DRIVER TYPE:** Constant Wattage LED Emergency
- **MAX. OUTPUT POWER:** 5W
- **INPUT VOLTAGE:** 120–277Vac ±10%
- **OUTPUT VOLTAGE:** 20~60Vdc
- **OUTPUT CURRENT:** 250–86mA
- **WARRANTY:** 5 Years

PRODUCT FEATURES

- Drives LED loads at 5W (nominal) for a minimum of 90 minutes
- Meets FCC Part 15 (Class B) consumer limits
- Short circuit overload and open load protection
- Suitable for dry and damp locations
- Saftey Standard: UL 924, Complies with CEC Title 20 Efficiency Standards
- Operating temperature: 0ºC/32ºF to 55ºC/131ºF
- Input frequency: 50/60 Hz
- Test switch/Charging indicator light and wall plate included
- Battery capacity: High-Temperature, Maintenance-Free, LiFePO4 Battery, 9.6Vdc, 3 cell
- Dual flex conduit fits into ½" knockouts
- Listed for field or factory installation: UL 924 and CSA C22.2 no. 141 emergency lighting compliant
- 3A max. pass-through current

ELECTRICAL SPECIFICATIONS

	INPUT CHARACTERISTICS			OUTPUT CHARACTERISTICS		
Family	**Input Voltage**	**Power Factor**	**Max. Current**	**Max. Output Power**	**Rated Output Current**	**Output Voltage**
5W	120–277Vac	≥0.5	0.050A @ 120V 0.035A @ 240V 0.030A @ 277V	5W	250mA–86mA	20~60Vdc Class 2 Compliant

Emergency pack designed to deliver 5W to a constant current LED load. Approximate output is 500 lumens, assuming a nominal minimum efficacy of 100 lm/W.

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	0ºC/32ºF to 55ºC/131ºF
Storage Temperature	-20°C/-4°F to 55ºC/131ºF
Humidity	5% to 95%
MTBF	284,000 hours at 40°C ambient (~55°C/131°F Case temp)
Life Rating	97,500 hours at 120Vac input, 100% load and 55°C/131°F case temperature
Maximum Case Temperature	55°C/131°F

SAFETY AND EMC COMPLIANCE

UL/cUL	UL 924
FCC, 47CFR Part 15	ANSI C63.4:2009 Class B (Consumer Limit)
EN61000-3-2	Harmonic Current Emissions Class C

The Lighting – Super Store
unbeatable prices
unparalled selection
wholesale warehouse club - no membership fees
LightBulbSurplus
Light More, Pay Less

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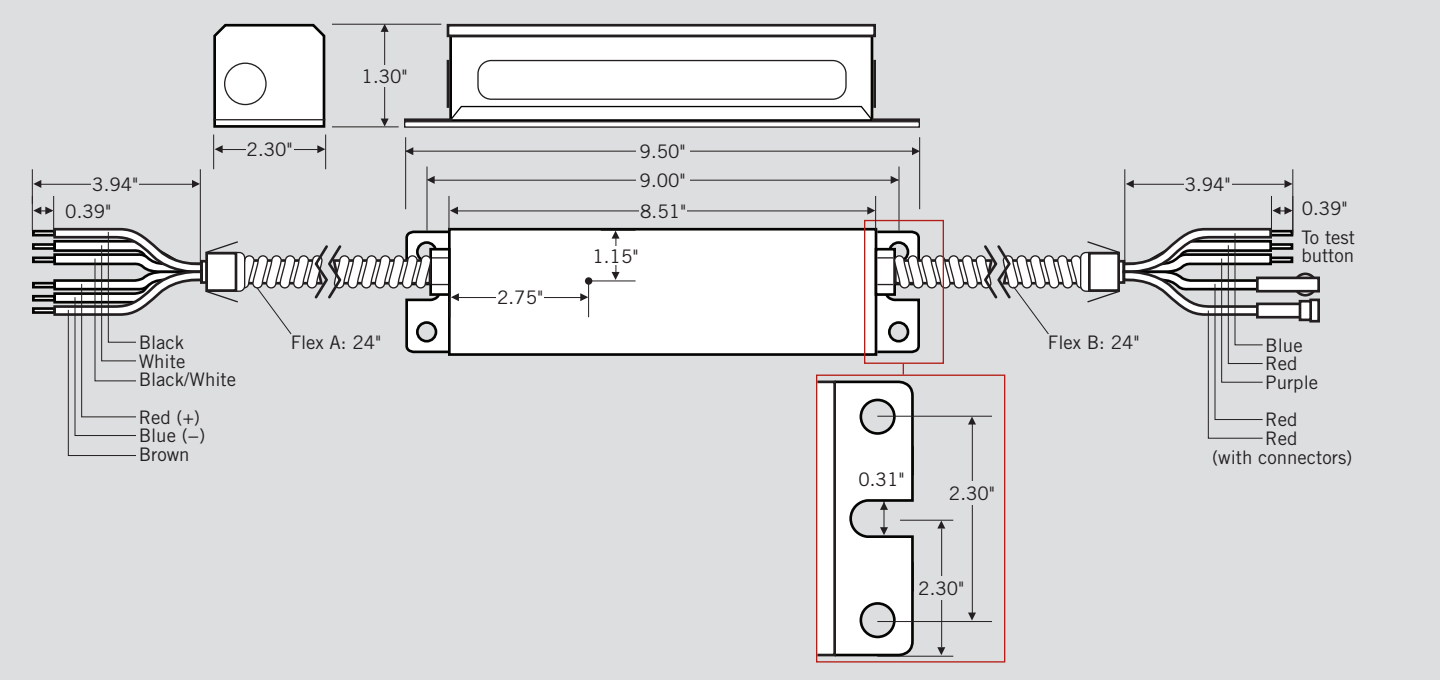
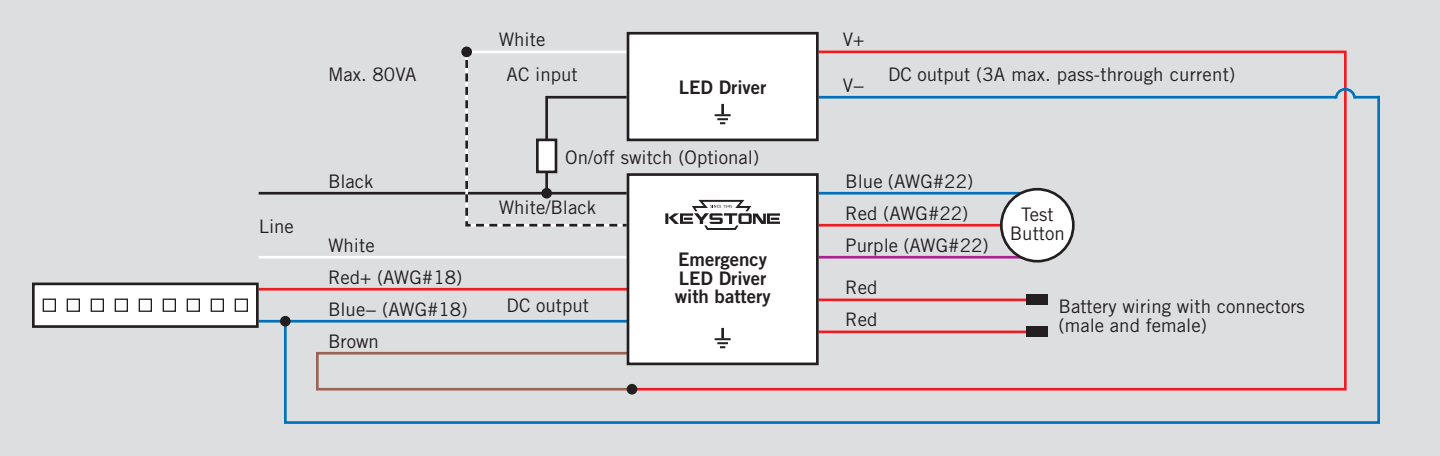
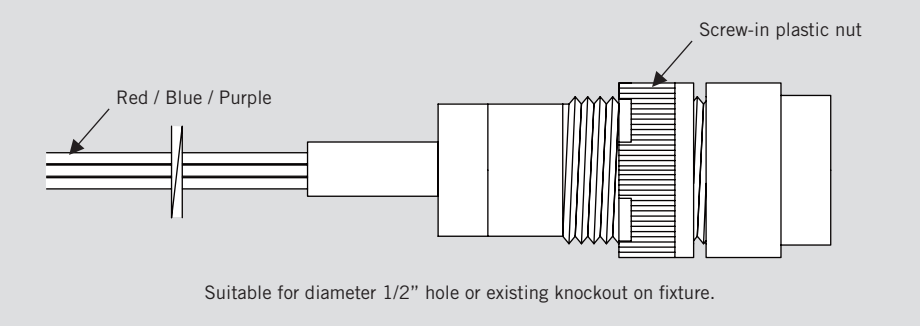
PHYSICAL SPECIFICATIONS



WIRING SPECIFICATIONS



TEST SWITCH



Suitable for diameter 1/2" hole or existing knockout on fixture.

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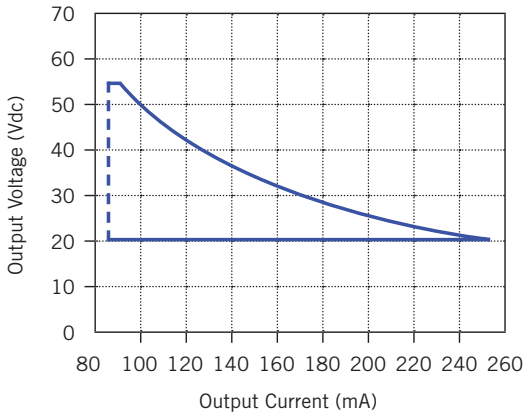
DRIVER OUTPUT WINDOW



ORDERING INFORMATION

ORDER CODE	DESCRIPTION	PACK QUANTITY	EASY CODE	UPC
KT-EMRG-LED-5C-500-EN /DF-IP	1-Piece LED Emergency Back-up with Dual Flex Conduit	1	RAR-74	843654132433

CATALOG NUMBER BREAKDOWN

KT-EMRG-LED-5C-500-EN /DF-IP

1 2 3 4 5 6 7 8

1 Keystone Technologies
2 Emergency Back-up Driver
3 LED Driver
4 Wattage Family
5 Nominal Lumen Output
6 1-Piece Enclosure
7 Dual Flex Conduit
8 Packaging Style

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