KT-EMRG-LED-5-500
CONSTANT WATTAGE LED EMERGENCY BACK-UP

KEYSTONE
SINCE 1945
LIGHT MADE EASY

c**UL**us   **RoHS** Compliant   **5 YEAR** WARRANTY

DESCRIPTION

LED Emergency Back-Up Driver **I** 5W Output **I** 120-277V Input

DRIVER TYPE: Constant Wattage LED Emergency	
MAX. OUTPUT POWER: 5W	
INPUT VOLTAGE: 120-277Vac ±10%	
OUTPUT VOLTAGE: 12~41 Vdc	
OUTPUT CURRENT: 400mA-100mA	
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
- Type 1 Outdoor, Suitable for Dry and Damp Locations
- Evaluated to UL 924 Standards

- Operating Temperature: 32ºF/0ºC to 122ºF/50ºC
- Input Frequency: 50/60 Hz
- Test Switch/ Charging Indicator Light
- Battery Pack with Quick Connect; NiCd or NiMH
- Battery Capacity: 1200mAh

Emergency Pack does not meet CEC T20 requirements. Not to be sold or offered for sale in California, except when sold wholesale in California for final retail sale outside the state.
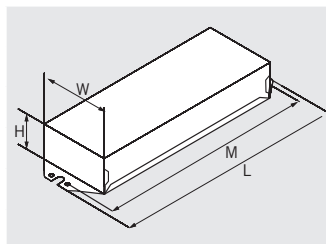
ELECTRICAL SPECIFICATIONS

	INPUT CHARACTERISTICS			OUTPUT CHARACTERISTICS		
Family	**Input Voltage**	**Power Factor**	**Max. Current**	**Max. Output Power**	**Rated Output Current**	**Output Voltage**
5W	120-277Vac	≥0.5	0.03A @ 120V	5W	400mA-100mA	12~41Vdc

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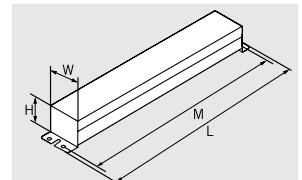
MECHANICAL SPECIFICATIONS

CASE DIMENSIONS

LENGTH	6.46"
WIDTH	1.37"
HEIGHT	1.00"
MOUNTING	6.00"
CASE STYLE	L7
CASE MATERIAL	METAL

STANDARD LEAD LENGTHS*

WHITE	12"
BLACK	12"
WHITE/BLACK	12"
RED	24"
BLUE	24"
BROWN	24"

*Consult Keystone for special lead length requirements.
Lead wires are 18 AWG 105ºC/600V.

BATTERY SIZE

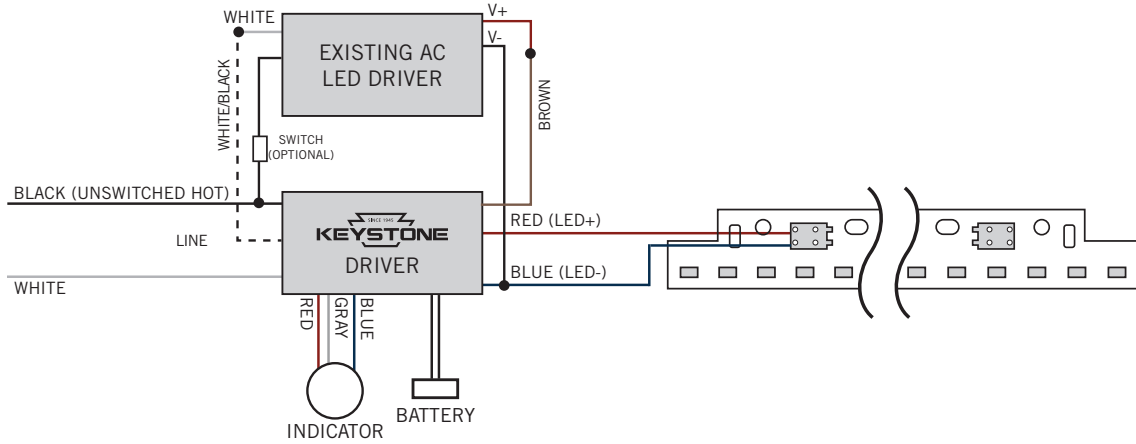|	
LENGTH	8.10"
WIDTH	1.97"
HEIGHT	0.98"
MOUNTING	7.57"

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WIRING DIAGRAM

ORDERING INFORMATION

ORDER CODE	DESCRIPTION	PACKAGING STYLE	PACK QTY.	ITEM STATUS
KT-EMRG-LED-5-500-IP	LED Emergency Driver with Battery	Individually Packaged	1	Active

CATALOG NUMBER BREAKDOWN

KT-EMRG-LED-5-500
1 **2** **3** **4** **5**

1 Keystone Technologies
2 Emergency Back-up Driver
3 LED Driver
4 Wattage Family
5 Nominal Lumen Output