



# KTET-20-1-LED-FDIM

## COMPACT LOW VOLTAGE LED DRIVER

### DESCRIPTION

Compact Low Voltage LED Driver | 120V AC Input |  
12 AC Output | Phase Control Dimmable

**INPUT VOLTAGE:** 120Vac  $\pm$ 10%

**INPUT FREQUENCY:** 60Hz

**SAFETY STANDARD:** RU, and cRU

**WARRANTY:** 3 Years



### PRODUCT FEATURES

- Compact low voltage LED driver optimized for LED MR16 lamps
- Compatible with Keystone LED MR16 lamps as well as LED MR16 lamps from a variety of other major manufacturers. Contact Keystone for compatibility details
- Minimum starting temperature: 0°F / -18°C
- Maximum case temperature: 167°F / 75°C
- Transient protection meets ANSI/IEEE C62.41 Cat. A
- With short circuit protection
- Class 2 output
- Compatible with TRIAC (forward) and ELV (reverse) phase dimmers
- 3 year limited warranty
- RU and cRU
- Not for use with halogen lamps
- Minimum load for full-range dimming: 7W;  
Minimum load for non-dimming applications: 1W

### ELECTRICAL SPECIFICATIONS

LED MR16 Reference Lamps	Input Watts	Input Current	Power Factor	Output Voltage
7.5W $\times$ 1 pc	7.1W	0.06A	0.95	12Vac
7.5W $\times$ 2 pcs	14.1W	0.13A	0.94	12Vac
7.5W $\times$ 3 pcs	21W	0.19A	0.93	12Vac
7W $\times$ 1 pc	6.9W	0.06A	0.95	12Vac
7W $\times$ 2 pcs	13.6W	0.12A	0.94	12Vac
7W $\times$ 3 pcs	20.5W	0.18A	0.93	12Vac

Compatible Keystone Lamps
KT-LED6MR16-S-8XX
KT-LED7.5MR16-NS-9XX
KT-LED7.5MR16-S-9XX
KT-LED7MR16-S-9XX
KT-LED7MR16-VNS-9XX
KT-LED7MR16-NS-9XX

### COMPATIBLE DIMMERS

**KTET-20-1-LED-FDIM** is found to be compatible with the following dimmers when used with Keystone LED MR16's. Compatibility is defined as stable lamp illumination and driver output during single-lamp load conditions with reasonably smooth dimming appearance and range throughout the dimmer travel. Performance may vary depending on LED MR16 used. Please check with alternate lamp manufacturers (when applicable) for additional dimmer compatibility details.

Leading Edge Dimmers
Lutron SKYLARK SCL-153P
Lutron DIVA DVCL-153P
Lutron MAESTRO MACL-153M
Lutron LUMEA LECL-153P
ELV Dimmer
Leviton Renoir II AWSMG-EA

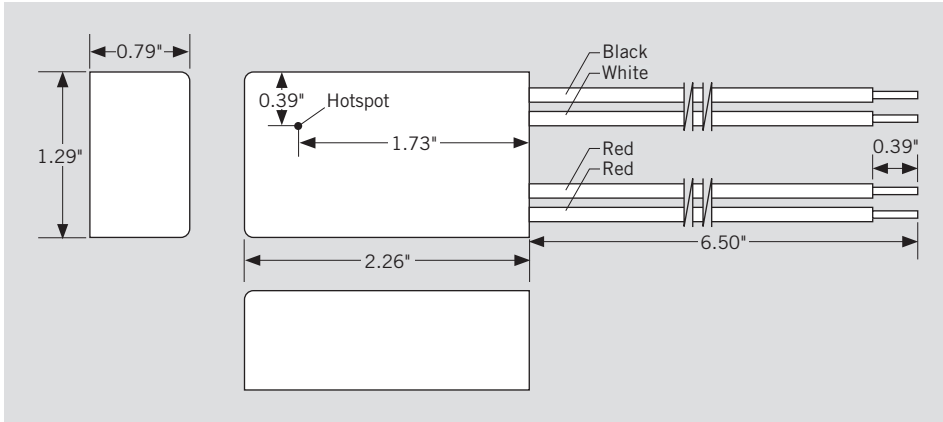
Contact Keystone for further details on compatible dimmers.



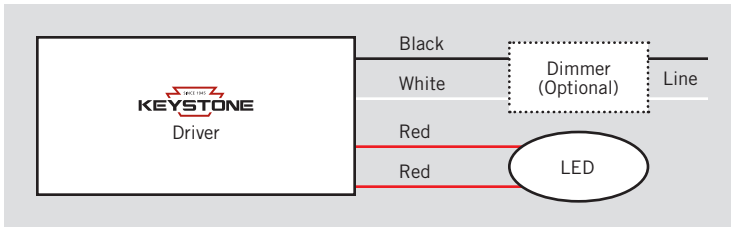
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### PHYSICAL SPECIFICATIONS



### WIRING DIAGRAM



### WIRING SPECIFICATIONS

<b>Input</b>	Black, White: 6"
<b>Output</b>	Red, Red: 9"

### ORDERING INFORMATION

ORDER CODE	CARTON QUANTITY	EASY CODE	UPC
KTET-20-1-LED-FDIM	100	FXB-54	843654131078

### CATALOG NUMBER BREAKDOWN

# KTET-20-1-LED-FDIM

1

2

3

4

5

- 1 Keystone Technologies Electronic Transformer
- 2 Wattage
- 3 120V Input
- 4 LED Specific
- 5 Leading/Trailing Edge Dimming