

# Universal Voltage LED IN-LINE dimmer LNE-DRT60U



## INSTALLATION INSTRUCTION

### WARNING : ELECTRIC SHOCK HAZARD

Hazardous voltage maybe present at the output of the dimmer despite setting the dimmer to zero brightness level. Look out and tag the input circuit before accessing the wiring connections. Failure to follow this warning can result in death or serious injury.

### FEATURES :

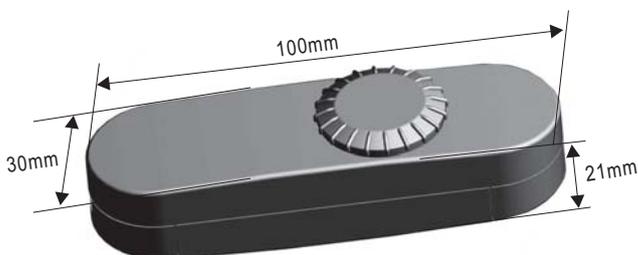
- Minimum load down to 2W of capacitive or resistive load, such as Dimmable LED Lighting, Incandescent Lighting, MV Halogen / LV Halogen Lighting with electronic transformers.
- Lamps soft-start operation, to extend longer lifetime for the lamp.
- User setting for the minimum dim Level & mode.
- Complies with IEC EN60669 and International safety standards.

### ELECTRICAL SPECIFICATIONS

Parameter	Value
Supply voltage & Frequency	100-240V ~ 50Hz / 60Hz
Rating	5-60W: incandescent lamps, high voltage halogen lamps and electronic step-down converter for extra low-voltage incandescent lamps. 2-60W: dimmable LED lamps.
Dimming Technology 	Trailing / Leading edge driven control Also, dimming mode can be set by user manually.
Compatible loads for TE mode (Factory default)	 Dimmable LED lighting with compatible Electronic Transformers
	 Incandescent lighting, MV Halogen lamps
	 LV Halogen Lighting with electronic transformers
Operating Temperature	0° - 45°C
Operating Humidity	10 - 90% R.H.

### Dimension

30mm (W) X 100mm (L) X 21mm (H)



### NORMAL OPERATION

Operation of Dimmer Knob and Push Switch :



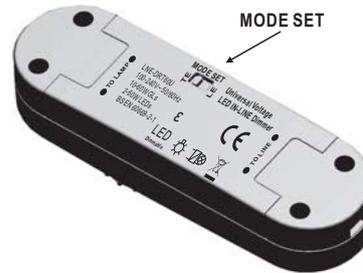
Push knob **ON** or Push knob **OFF** the lamp.  
Turn knob right to increase brightness to maximum level.  
Turn knob left to decrease brightness to minimum level.

### MIN. BRIGHT LEVEL SETTING

Lamp in OFF state, press and hold knob around 5s-8s until lamp will appear at half-bright level then release the knob, after that, is entry minimum bright level settings. Turn knob left to decrease brightness or turn knob right to increase brightness until to set your desire min bright level. Short press knob again to turn OFF the lamp, it's confirmed and save setting.

**Note : Setting must be performed within 15 seconds, if no, it will time out and auto exit program without save**

### MODE SELECT OPERATION



- \* TE / Trailing Edge Mode ( Factory default ) , suitable for most LED lamps,
- \* LE / Leading Edge Mode, for special required LED lamp, DO NOT SET if not necessary (SEE NOTE 2)

NOTES :

1. Multiple compatible loads can be used as the total lamp wattage does not exceed the maximum load rating of the dimmer.
2. Some lamps may exhibit unexpected performance characteristics when cold. Dimming performance should improve after the lamp warms up. Or in case of lamp appears unstable status, it could be changed to TE or LE mode.

### WIRING CONNECT DIAGRAM

