

INSTALLATION INSTRUCTIONS

MLDR-20-24JB 20 Watt LED Driver with Junction Box

CAUTION: This LED driver and junction box kit is intended for use with the following Magic Lite Ltd. LED products: LED Mini Star, LED High Power Tape Light, LED Brite Strip, Micro LED Strip. and is not approved for any other product.

PLEASE REVIEW INSTRUCTION SHEET INCLUDED WITH THE PRODUCT YOU ARE USING IN ADDITION TO THESE INSTRUCTIONS PRIOR TO STARTING YOUR INSTALLATION.

CAUTION: These products may represent a possible shock or fire hazard if improperly installed or attached in any way. Products should be installed in accordance with the corresponding product instruction sheets, current local electrical code and / or the current Canadian Electrical Code.

Line voltage connections should be carried about by a professional electrician.

Contents of the MLDR-20-24JB include:

1. 1 x Metal Electrical junction box c/w lid
2. 1 x 24VDC, 20 watt, electronic LED Driver High Perfection Tech model LP1020-24
3. 2 x strain relief

Instructions for mounting MLDR-20-24JB 20 Watt LED Driver with Junction Box.

CAUTION: Make sure all power to 120 volt lines is shut off before beginning installation.

1. Mount junction box provided into desired location in accordance with local code and or the Canadian Electrical Code. Note: the junction box provided is for dry location only.
2. Making sure there is no power connected, bring 120 volt power supply wire into the electrical box through appropriate knock out after strain relief has been inserted into knock out.
3. Make sure the 120 volt power line is secure into strain relief.
4. Connect 120 volt power supply line to 120 volt line voltage (black and white wires) side of LED driver. Connect incoming ground wire to ground screw in bottom of metal enclosure.
5. Repeat steps 2 – 3 for low voltage wire to be connected to low voltage LED lighting product and connect low voltage wire to low voltage 24 volt side of LED driver. (Note: black wire is negative output). Make sure you are using appropriate CSA approved wire depending upon your application. See instructions included with each LED lighting product.
6. Using double sided tape provided on the LED driver, firmly mount the LED driver into the junction box.
7. Make sure all connections are secure and place lid on the junction box.
8. Connect low voltage wire to LED lighting product.
 - a. **NOTE:** Do NOT connect more than recommended number of LEDs , fixtures or length of product to this power supply. See instructions for product you are using.
9. Please refer to the installation instructions included with LED product for balance of installation.



MAGIC LITE LTD.

2526 Speers Road, Units 4-9
Oakville, Ontario, Canada L6L 5M2
Tel: 905-825-9592 • Out of Area: 1-888-945-5483
Fax: 905-825-8334
www.magiclite.com