

## WARNING:

Before setting up and operating your Mightex LED controller, please read the LED controller's User's Manual, which can be found on the CD shipped with the product or can be downloaded from Mightex's website at [www.mightexsystems.com](http://www.mightexsystems.com).

### Before connecting your LED to Mightex's LED controller:

1. Please check the LED's data sheet, and note the LED's maximum current rating.
2. It is recommended that proper heat dissipation (e.g. a heat sink) be provided to the LED, before applying current;
3. Multiple LEDs can be connected to a LED controller output channel. It is recommended to connect the LEDs in series, such that all LEDs are driven by exactly the same current. Please check the LED's forward voltage rating and Mightex's LED controller's maximum output voltage specification, and determine the number of LEDs that can be supported by the LED controller.

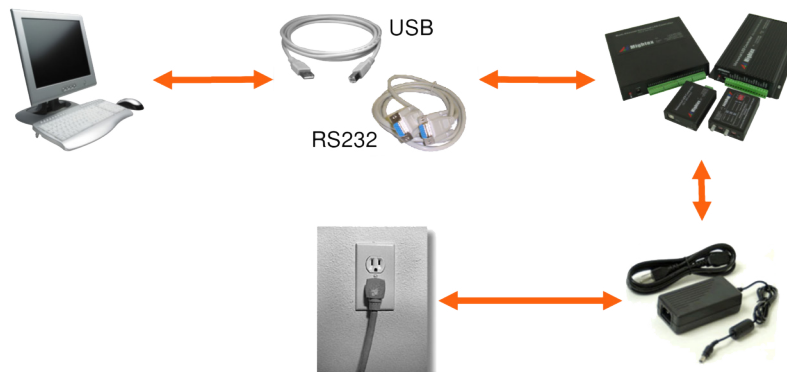
## 1 LOCATE THE CD IN THE SHIPPING PACKAGE AND COPY ITS CONTENTS TO YOUR COMPUTER UNDER A DIRECTORY OF YOUR CHOICE, FOR EXAMPLE: "\\MIGHTEX\_LED\_CONTROLLER".

The CD-ROM contains the application software, a SDK and all related documents. For more details, please refer to Mightex LED controller User's Manual, which (after you have copied the content to your PC) can be found in "\\Mightex\_LED\_controller\\Documents".

HAVE YOU LOST YOUR INSTALLATION CD?  
YOU MAY ALWAYS DOWNLOAD THE LATEST SOFTWARE PACKAGE (INCLUDING EVERYTHING ON THE CD)  
FROM [WWW.MIGHTEXSYSTEMS.COM](http://WWW.MIGHTEXSYSTEMS.COM)

## 2 CONNECT THE LED CONTROLLER TO YOUR COMPUTER USING A USB OR A RS232 CABLE. CONNECT THE POWER ADAPTER TO THE LED CONTROLLER.

Make sure all connections are firm and secure.



## 3 CONNECT THE LED(S) TO THE LED CONTROLLER. PLUG THE POWER ADAPTER TO THE WALL AND TURN ON THE POWER SWITCH ON THE LED CONTROLLER.

The LED controller is a standard human interface device (HID). Driver installation is not required. Before connecting a LED to the LED controller, always make sure that the power switch on the controller is turned off.

## 4 LAUNCH LED CONTROLLER SOFTWARE ON THE COMPUTER AND TEST RUN THE CONTROLLER.

The LED controller software "LEDDriver.exe" can be found under the directory "\\Mightex\_LED\_controller\\Software". For more details about the software, please refer to Mightex LED controller User's Manual, which can be found under the directory "\\Mightex\_LED\_controller\\Documents".

**In order to avoid overdriving/damaging the LED, please set the maximum current on the LED controller software GUI according to the LED's data sheet.**

