



Working with the TOOLbox pro and FluxTool application


Flexibility is one of eldoLED drivers' key benefits. Use the TOOLbox pro and the FluxTool application to perfectly match your driver to your application. This quick start guide shows you how to go about it.

1. What you need

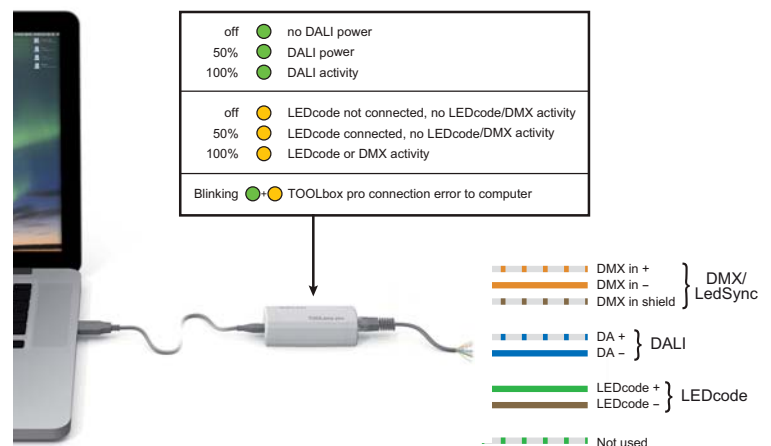
- 32/64-bit Microsoft Windows XP, Vista or 7; or Mac OS X 10.6/10.7/10.8
- TOOLbox pro (TLU20503). Cables are included.
- FluxTool application: download at www.eldoled.com/software


2. Installing the FluxTool application

1. Windows: run the FluxTool setup. After the installation, manually install the FluxTool driver, which can be found in the FluxTool folder.
2. Mac OS: drag the FluxTool icon into your Applications folder.

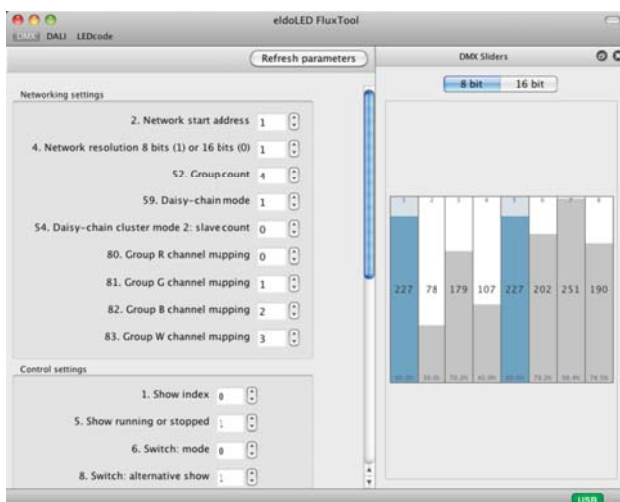
 Caution: TOOLbox pro has not been designed for direct connection to a mains outlet.

3. Connecting the TOOLbox pro



 In order for the FluxTool application to detect the LED driver, the driver must be powered on. Never connect more than one driver at a time.

4. Configuration and control via DMX menu




DMX / LedSync menu

Parameter configuration

You can finetune your driver with the LedSync parameters:

1. Press the 'Refresh parameters' button to download your driver's current settings to your FluxTool screen.
2. Make any required changes in the appropriate fields and press Enter.

 Only make changes you are sure of, as changes are saved to the driver immediately. Some parameters can cause damage to driver or LEDs when set to an incorrect value.

For a full description of all available LedSync parameters, refer to Addendum sheet DMX/LedSync parameters.

DMX sliders

The FluxTool application features a built-in 8-slider DMX controller to test the settings on your luminaire. This controller can be used with an 8- or 16-bit network resolution. Make sure the connected driver has been configured for the same network resolution (parameter 4 in the left-hand pane).

4. Control via DALI menu



DALI menu

Use the DALI menu to test your DALI compatible luminaire. The FluxTool's DALI menu does not have any DALI configuration or commissioning capabilities.

The DALI tab features 5 sliders:

Broadcast

Lets you set the same intensity for all DALI groups in one go.

DALI Group 1 - 4

Allows you to set the intensity of the first 4 DALI groups. These groups are not equivalent to your driver's LED output groups, but refer to the DALI groups that your LED driver is associated with.

4. Configuration and control via LEDcode menu



LEDcode menu

The LEDcode interface brings the programmability of eldoLED drivers to a higher level:

Currents

Lets you set the output current for each LED output individually, from 200mA up to 1,050mA, in 1mA steps. Note that changes are saved to LED driver realtime!

Dimming curve

Allows you to select a logarithmic or linear dimming curve to optimize dimming performance by attuning the dimming curve to the dimmer type. Contact the eldoLED sales team for the latest status on compatibility.


Minimum dimming level

Can be set to any value between 0.1% and 100%.

NTC throttling temperature

Lets you set the throttling temperature of the connected thermistor (optional).

To load the actual driver settings into your FluxTool screen, press the Read bar. To save new settings to the driver for Dimming curve, Minimum dimming level and NTC temperature, press the Write bar. The slider at the right-hand side lets you mimick a broadcast setpoint to the connected LED driver.

 The settings shown in the LEDcode tab at start-up or when connecting another driver are default settings; these settings are NOT read from the driver!

5. Compatibility with eldoLED drivers

eldoLED driver	DMX/LedSync	DALI	LEDcode
In-fixture LED drivers	YES	NO	NO
LED drivers (12-32VDC)	YES	YES*	NO
LED drivers (120-277VAC): SOLOdrive 0-10V	NO	NO	YES
LED drivers (120-277VAC): SOLOdrive DALI and DUALdrive	NO	YES	YES
LED drivers (120-277VAC): POWERdrive and LINEARdrive	YES	YES	NO

* only applies to LINEARdrive 210D/220D/720D and POWERdrive 45D/90D/180D