

### Working with the TOOLbox pro and FluxTool application - TLU20504 and TLU20505

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.

#### What you will need to get started

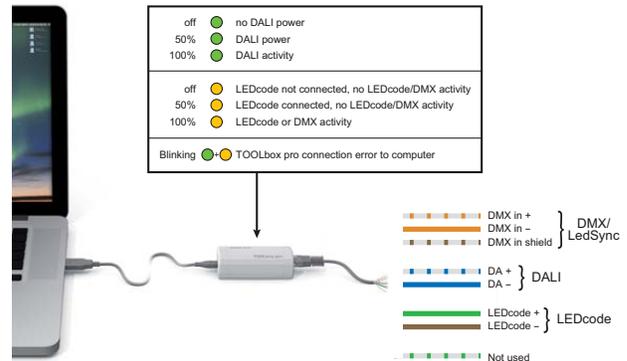
- 64-bit Microsoft Windows Vista, 7 or 8; or Mac OS X 10.9 or 10.10
- TOOLbox pro (TLU20504 and TLU20505). Cables are included.
- FluxTool v4.5.27 application: download at your driver product page or the TOOLbox pro product page.

#### 1. Installing the FluxTool application

- Windows: Run the FluxTool setup. After the installation, make sure to also install the TOOLbox driver.
- MAC OS: Drag the FluxTool icon into your applications folder.

 CAUTION: TOOLbox pro has not been designed for direct connection to a main outlet.

#### 2. Connecting the TOOLbox pro

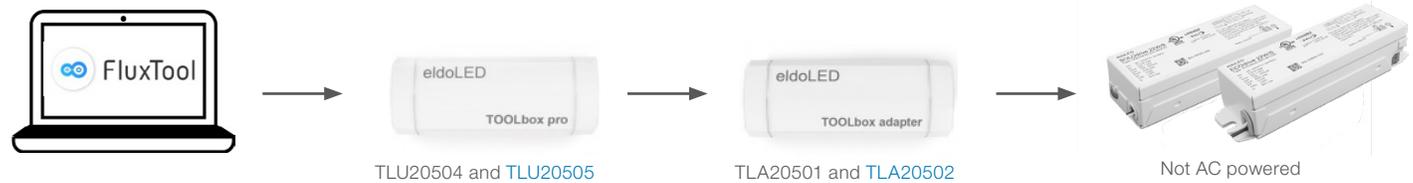


 In order for the FluxTool application to detect the LED driver, the driver must be powered on. Never connect more than one driver at a time.

#### TOOLbox pro for AC powered driver programming



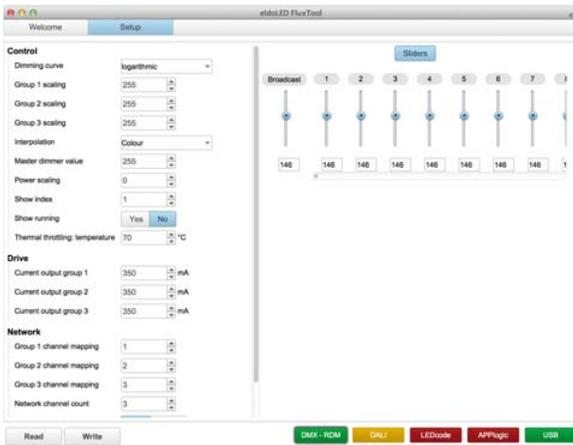
#### TOOLbox pro and TOOLbox adapter for non-AC powered driver programming



	TOOLbox pro TLU20504	TOOLbox adapter for mainsless programming TLA20501	TOOLbox pro TLU20505	TOOLbox adapter for mainsless programming TLA20502	
<b>Product Family</b>	ECOdrive SFF	no	no	yes	
	SOLOdrive SFF	no	no	yes	
	ECOdrive	yes (excluding DC2DC option)	yes (excluding DC2DC option)	yes (excluding DC2DC option)	yes (excluding DC2DC option)
	SOLOdrive	yes	yes	yes	yes
	DUALdrive	yes	yes	yes	yes
	POWERdrive	yes (excluding DC option)	yes (excluding 50W)	yes (only for 50W)	no
	DUTYdrive	yes	yes	yes	yes
	LINEARdrive	yes (only for limited DC & AC DALI/DMX options)	yes (only for limited DC & AC DALI/DMX options)	yes (only for limited DC options)	yes (only for limited DC options)



### 3c. Configuration and control via LEDcode menu



#### LEDcode menu



At start-up, the settings are read from the driver. However, when you connect a different LED driver, you do need to refresh the settings: click the Read button at the bottom.

The LEDcode tab lets you set:

#### Drive: Current output group

Lets you set the output current for each LED output individually. Changes are saved to LED driver when the Write button is pressed.

#### Dimming curve

Lets you select a dimming curve to optimize dimming performance by attuning the dimming curve to the dimmer type.

#### Minimum dimming level

Allows you to set a minimum dimming level. The range within which you can set this value depends on your LED driver.

#### NTC throttling temperature

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

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

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