eldoLED

The TOOLbox pro is a powerful configuration device that provides the physical link between your PC and your eldoLED driver. Used in combination with FluxTool or ShowMaster DMX, TOOLbox pro offers the ability to configure drivers via LEDcode and DMX. It may also be used with the TOOLbox adapter to enable configuration without line voltage. For an overview on driver and software compatibility see Compatibility Overview for eldoLED Tooling.

Ordering Information

Product	Part Description	Item Number	Compatible Software
TOOLbox pro	TLU20504 (v4.2 or higher)[1]	*26037Y[2]	TOOLbox pro v18.11
TOOLbox pro (SFF)	TLU20505 (v5a or higher)[1]	*277HWN[2]	TOOLbox pro v4.6 and higher for SFF

[1] Reference Release Notes online for further details
[2] Item Nos. *26037Y and *277HWN include the TOOLbox pro, (1) 3ft (1m) USB A to mini USB cable and (1) 2ft (0.6m) RJ45 to LEDcode, DALI, DMX cable.
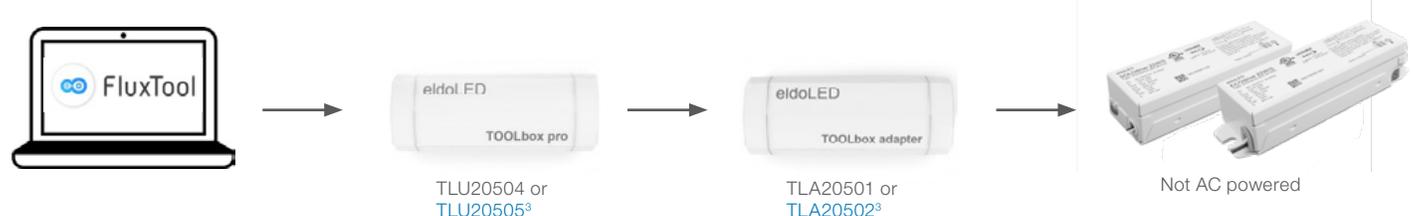
Accessories

Product	Model	Item Number	Description
TOOLbox adapter	TLA20501	*252T6W	Add-on for TOOLbox to enable powerless programming
TOOLbox adapter for SFF	TLA20502 (v3 or higher)	*277HWF	Add-on for TOOLbox to enable powerless programming for SFF
TOOLbox pro replacement cable	TLC03051	*236MG0	2ft (0.6m) RJ45 to LEDcode, DALI, DMX cable
3.5mm Touch-and-Go Programmer	PJ0035HH1	*245LJ9	3.5mm handheld programmer for FluxTool
5.0mm Touch-and-Go Programmer	PJ0050HH1	*245LJC	5.0mm handheld programmer for FluxTool
3mm Touch-and-Go Programmer (SFF bottom-entry only)	PJ003MMSSF-BE	*2797N1	3mm handheld programming tool for SFF - BE
3mm Touch-and-Go Programmer (SFF side-entry only)	PJ003MMSSF-SE/SE-No-Flange	*2797N2	3mm handheld programming tool for SFF - SE/SE no flange

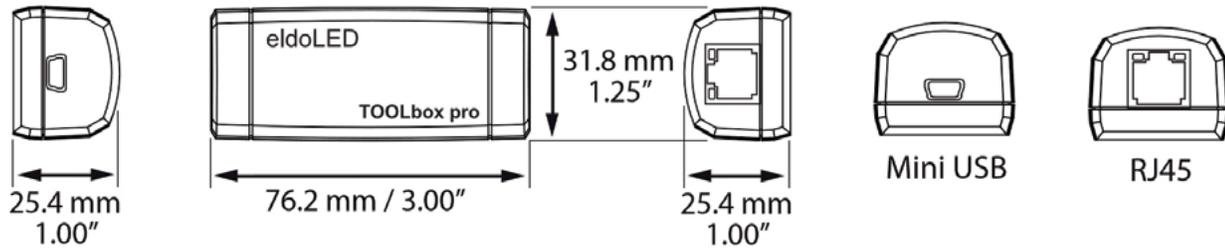**TOOLbox pro for AC powered driver programming**

TLU20504 or
TLU20505[3]

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

TLU20504 or
TLU20505[3]

TLA20501 or
TLA20502[3]

Not AC powered

[3] To identify between the new and pre-existing versions of the TOOLbox pro and TOOLbox adapter, please note the label color on the back of the product. TLU20504 and TLA20501 will be identified with a white label while TLU20505 and TLA20502 (SFF) will be identified with a blue label.

Assembly Diagram

Technical Specification

Weight	30 g
Data In	USB A (PC) to mini USB (TOOLbox)
Data Out	RJ45
	DMX: pin 1 (DMX+), 2 (DMX-) and 7 (DMX shield)
	DALI: pin 4 (DALI -) and 5 (DALI +)
	LEDcode: pin 6 (LEDcode+) and pin 8 (LEDcode-)
Operating Range Ambient Temperature (Ta)	-20 °C to +50 °C

Safety Warning

⚠ Use of a galvanic USB isolator may be required to avoid LED engine damage while using the TOOLbox with PC that is not properly grounded.

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Warranty

Complete warranty terms can be found at: www.eldoled.com/legal/terms-and-conditions