

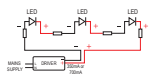
350mA LED DRIVERS

Constant Current Drivers

LEDs use specific drivers to run them, they are different from normal low voltage fittings in that they must be wired in series and need a constant current. Drivers can be placed 10m from the LEDs. Longer distances of 10-40m can be achieved by using a larger diameter cable to reduce the volt drop, or taking one LED off the maximum the driver can run. Please contact us for more information.

Example fittings that use these drivers include: LD41-350, LD42-350, LD150-350, LD10236-350, LD26-350, LD36-350

350mA Constant Current Drivers	Replaces TXDP12			Replaces TXDD350		Replaces TXDL20 TXDD350D				
										
Brand	TCI	TCI	TCI	eldoLED	eldoLED	eldoLED	eldoLED	eldoLED	eldoLED	eldoLED
1.2W fittings 	1-13	1-13	4-15	1-17	1-17	1-17	1-17	72 (4 x 1-18)	72 (4 x 1-18)	72 (4 x 1-18)
3.6W (3x1.2W) fittings 	1-3	1-3	1-3	1-4	1-4	1-4	1-4	16 (4 x 1-4)	16 (4 x 1-4)	16 (4 x 1-4)
5W fittings 	1-3	1-3	1-3	1-4	1-4	1-4	1-4	16 (4 x 1-4)	16 (4 x 1-4)	16 (4 x 1-4)
3.5W fittings 	1-4	1-4	1-4	1-5	1-5	1-5	1-5	20 (4 x 1-5)	20 (4 x 1-5)	20 (4 x 1-5)
7W fittings 	1-2	1-2	1-2	1-2	1-2	1-2	1-2	8 (4 x 1-2)	8 (4 x 1-2)	8 (4 x 1-2)
14W fittings 	1	1	1	1	1	1	1	4 (4 x 1)	4 (4 x 1)	4 (4 x 1)
Number of outputs/circuits	1	1	1	1	1	1	1	4 Individually addressable	4	4 Individually addressable
Dimmable	No	0/1-10V	DALI	No	Casambi	0 / 1-10V (0-100%)*	DALI / DALI-2	0 / 1-10V (0-100%)*	DALI	DALI / DMX
Output current (mA)	350mA	350mA	350mA	350mA	350mA	350mA	350mA	350mA	350mA	350mA
Output voltage (V)	2-41V	3-43V	10-49V	2-55V	2-55V	2-55V	2-55V	2-57V per channel	2-57V per channel	2-57V per channel
Max output wattage (W)	15W	15W	17W	30W	30W	30W	30W	100W	100W	100W
Dimensions L x W x H (mm)	115 x 34 x 19	111 x 52 x 22	111 x 52 x 22	210 x 40 x 34	210 x 40 x 34	210 x 40 x 34	210 x 40 x 34	388 x 42 x 30	388 x 42 x 30	388 x 42 x 30
Hole cut-out (mm)	Ø40	Ø58	Ø58	Ø51	Ø51	Ø51	Ø51	N/A	N/A	N/A
IP rated	Drivers can be supplied with an IP rated box for use in wet environments (sold separately).									
Warranty	5 years	5 years	5 years	5 years	5 years	5 years	5 years	5 years	5 years	5 years



Wiring in series

LED's should be wired 'in-series'. In a series circuit, all components are connected end-to-end, forming a single path for current to flow.

NB: (number of circuits) x (number of LEDs)
















* Dimming range can vary depending on the manufacturer and type of control system used

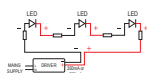
500mA LED DRIVERS

Constant Current Drivers

LEDs use specific drivers to run them, they are different from normal low voltage fittings in that they must be wired in series and need a constant current. Drivers can be placed 10m from the LEDs. Longer distances of 10-40m can be achieved by using a larger diameter cable to reduce the volt drop, or taking one LED off the maximum that the driver can run. Please contact us for more information.

Example fittings that use these drivers include: LD42-500, LD36-500, LD26-500

500mA Constant Current Drivers									
	TXDTC500D	TXDTC500DALI	TXDEL500S	TXDEL500CAS	TXDEL500D	TXDEL500DALI	TXDEL4S500D	TXDEL4A500DALI-1	TXDEL4A500DMX TXDEL4A500DALI
Brand	TCI	TCI	eldoLED	eldoLED	eldoLED	eldoLED	eldoLED	eldoLED	eldoLED
1.7W fittings 	1-12	2-12	1-16	1-16	1-16	1-16	60 (4 x 1-15)	60 (4 x 1-15)	60 (4 x 1-15)
5.1W (3x1.7W) fittings 	1-3	1-3	1-4	1-4	1-4	1-4	16 (4 x 1-4)	16 (4 x 1-4)	16 (4 x 1-4)
7W fittings 	1-3	1-3	1-4	1-4	1-4	1-4	16 (4 x 1-4)	16 (4 x 1-4)	16 (4 x 1-4)
5W fittings 	1-3	1-3	1-5	1-5	1-5	1-5	20 (4 x 1-5)	20 (4 x 1-5)	20 (4 x 1-5)
10W fittings 	1-2	1-2	1-2	1-2	1-2	1-2	8 (4 x 1-2)	8 (4 x 1-2)	8 (4 x 1-2)
20W fittings 	1	1	1	1	1	1	4 (4 x 1)	4 (4 x 1)	4 (4 x 1)
Number of outputs/circuits	1	1	1	1	1	1	4 Individually addressable	4	4 Individually addressable
Dimmable	0/1 - 10V	DALI	No	Casambi	0/1 - 10V (0-100%)*	DALI / DALI-2	0/1 - 10V (0 - 100%)*	DALI (0 - 100%)*	DALI / DMX
Output current (mA)	500mA	500mA	500mA	500mA	500mA	500mA	500mA	500mA	500mA
Output voltage (V)	2-40V	5-40V	2-55V	2-55V	2-55V	2-55V	2-57V per channel	2-57V per channel	2-57V per channel
Max output wattage (W)	20W	20W	30W	30W	30W	30W	100W	100W	100W
Dimensions L x W x H (mm)	111 x 52 x 22	111 x 52 x 22	210 x 40 x 34	210 x 40 x 34	210 x 40 x 34	210 x 40 x 34	388 x 42 x 30	388 x 42 x 30	388 x 42 x 30
Hole cut-out (mm)	Ø58	Ø58	Ø51	Ø51	Ø51	Ø51	N/A	N/A	N/A
IP rated	Drivers can be supplied with an IP rated box for use in wet environments (sold separately).								
Warranty	5 years	5 years	5 years	5 years	5 years	5 years	5 years	5 years	5 years



Wiring in series

LED's should be wired 'in-series'. In a series circuit, all components are connected end-to-end, forming a single path for current to flow.

NB: (number of circuits) x (number of LEDs)





* Dimming range can vary depending on the manufacturer and type of control system used

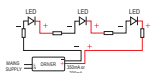
700mA LED DRIVERS

Constant Current Drivers

LEDs use specific drivers to run them, they are different from normal low voltage fittings in that they must be wired in series and need a constant current. Drivers can be placed 10m from the LEDs. Longer distances of 10-40m can be achieved by using a larger diameter cable to reduce the volt drop, or taking one LED off the maximum that the driver can run. Please contact us for more information.

Example fittings that use these drivers include: LD56-700, LD51-700, LD38-700

700mA Constant Current Drivers										
	TXDTC700S	TXDTC700D	TXDTC700DALI	TXDEL700S	TXDEL700CAS	TXDEL700D	TXDEL700DALI	TXDEL4S700D	TXDEL4A700DALI-1	TXDEL4A700DMX TXDEL4A700DALI
Brand	TCI	TCI	TCI	eldoLED	eldoLED	eldoLED	eldoLED	eldoLED	eldoLED	eldoLED
2.4W fittings 	1-5	1-8	1-8	1-12	1-12	1-12	1-12	40 (4 x 1-10)	40 (4 x 1-10)	40 (4 x 1-10)
10W fittings 	1	1-2	1-2	1-3	1-3	1-3	1-3	8 (4 x 1-2)	8 (4 x 1-2)	8 (4 x 1-2)
7W fittings 	1	1-2	1-2	1-4	1-4	1-4	1-4	12 (4 x 1-3)	12 (4 x 1-3)	12 (4 x 1-3)
14W fittings 	-	1	1	1-2	1-2	1-2	1-2	4 (4 x 1)	4 (4 x 1)	4 (4 x 1)
Number of outputs/circuits	1	1	1	1	1	1	1	4 Individually addressable	4	4 Individually addressable
Dimmable	No	0/1 - 10V	DALI	No	Casambi	0 - 10V (0 - 100%)*	DALI / DALI - 2	0/1 - 10V (0 - 100%)*	DALI	DMX/DALI
Output current (mA)	700mA	700mA	700mA	700mA	700mA	700mA	700mA	700mA	700mA	700mA
Output voltage (V)	2-16V	2-29V	3-28V	2-42V	2-42V	2-42V	2-42V	2-37.5V	2-37.5V	2-37.5V
Max output wattage (W)	12W	20W	20W	30W	30W	30W	30W	100W	100W	100W
Dimensions L x W x H (mm)	115 x 34 x 19	111 x 52 x 22	111 x 52 x 22	210 x 40 x 34	210 x 40 x 34	210 x 40 x 34	210 x 40 x 34	388 x 42 x 30	388 x 42 x 30	388 x 42 x 30
Hole cut-out (mm)	Ø40	Ø58	Ø58	Ø51	Ø51	Ø51	Ø51	N/A	N/A	N/A
IP rated	Drivers can be supplied with an IP rated box for use in wet environments (sold separately).									
Warranty	5 years	5 years	5 years	5 years	5 years	5 years	5 years	5 years	5 years	5 years



Wiring in series

LED's should be wired 'in-series'. In a series circuit, all components are connected end-to-end, forming a single path for current to flow.


NB: (number of circuits) x (number of LEDs)


* Dimming range can vary depending on the manufacturer and type of control system used


PHASE / MAINS DIMMABLE LED DRIVERS

Constant Current Drivers

Phase/mains dimmable drivers must always be specified with care as there are many factors that can effect how well they dim. If possible on a project it is best to use mains dimmable drivers from the same manufacturer, especially if they are on the same room or circuit. Drivers can be placed 10m from the LEDs. Longer distances of 10-40m can be achieved by using a larger diameter cable to reduce the volt drop, or taking one LED off the maximum that the driver can run. Please contact us for more information.

350mA Constant Current Drivers		
		TXDTC350PHD
Brand		TCI
1.2W fittings	⊙ 1 LED	1-14
3.6W (3x1.2W) fittings	⊙⊙ 3 LED	1-3
5W fittings	⊕ E1 / E2 / E3 Engine	1-3
3. 5W fittings	⊙ F1 Engine	1-4
7W fittings	⊙⊙ 6 LED & N1 Engine	1-2
14W fittings	⊙⊙ P1 Engine	1
Number of outputs/circuits		1
Dimmable		240V trailing & leading edge (5 - 100%)
Output current (mA)		350mA
Output voltage (V)		2-47V
Max output wattage (W)		17W
Dimensions LxWxH (mm)		166 x 46 x 34
Hole cut-out (mm)		Ø55
IP rated		Can be supplied with an IP rated box for use in wet environments. (Sold separately)
Warranty		5 years

500mA Constant Current Drivers		
		TXDTC500PHD
Brand		TCI
1.7W fittings	1 LED	1-14
5.1W (3x1.7W) fittings	3 LED	1-3
7W fittings	⊕ E1 / E2 / E3 Engine	1-3
5W fittings	⊙ F1 Engine	1-4
10W fittings	⊙⊙ 6 LED & N1 Engine	1-2
20W fittings	⊙⊙ P1 Engine	1
Number of outputs/circuits		1
Dimmable		240V trailing & leading edge (5 - 100%)
Output current (mA)		500mA
Output voltage (V)		2-47V
Max output wattage (W)		24W
Dimensions LxWxH (mm)		166 x 46 x 34
Hole cut-out (mm)		Ø55
IP rated		Can be supplied with an IP rated box for use in wet environments. (Sold separately)
Warranty		5 years

700mA Constant Current Drivers		
		TXDTC700PHD
Brand		TCI
2.4W fittings	1 LED	1-14
10W fittings	⊕ E1 / E2 / E3 Engine	1-3
7W fittings	⊙ F1 Engine	1-4
14W fittings	⊙⊙ 6 LED & N1 Engine	1-2
Number of outputs/circuits		1
Dimmable		240V trailing & leading edge (5 - 100%)
Output current (mA)		700mA
Output voltage (V)		2-46V
Max Output Wattage (W)		32W
Dimensions LxWxH (mm)		166 x 46 x 34
Hole Cut - out (mm)		Ø55
IP Rated		Can be supplied with an IP rated box for use in wet environments. (Sold separately)
Warranty		5 years



NB: TXDTC350 / 500 / 700PHD drivers are not compatible with Mode leading edge control systems.



DYNAMIC LED DRIVERS



Constant Current Drivers

Dynamic LED drivers allow the control of multiple circuits from one driver. This provides the ability to control colour changing fittings in the form of either RGB, RGBW or Tunable White LEDs. Drivers can be placed 10m from the LEDs. Longer distances of 10-40m can be achieved by using a larger diameter cable to reduce the volt drop, or by taking one LED off the maximum that the driver can run. Please contact us for more information.

Example fittings that use these drivers include: LD151, LD10238, LD175

350mA Constant Current Drivers		
	TXDEL2A350DALI	TXDEL4A350DALI TXDEL4A350DMX
Brand	eldoLED	eldoLED
Linear tunable	34 (1-17 x CW, 1x17 x WW)	68 (2-17 CW, 2 x 17 WW)
Linear RGB/W	-	1-14
Fittings tunable and RGB/W	1-7 Tunable white only	1-14
Number of circuits	2 Individually addressable	4 Individually addressable
Dimmable	DALI / DALI-2	DALI / DMX
Suitable for	Tunable White	RGB, RGBW, Tunable White
Output current (mA)	350mA	350mA
Output voltage (V)	2-55V per channel	2-57V Per channel
Max output wattage (W)	50W	100W
Dimensions L x W x H	153 x 76 x 30	388 x 42 x 30
Hole cut-out (mm)	N/A	N/A
IP rated	Can be supplied with an IP rated box for use in wet environments (sold separately).	
Warranty	5 years	5 years

500mA Constant Current Drivers		
	TXDEL2A500DALI	TXDEL4A500DALI TXDEL4A500DMX
Brand	eldoLED	eldoLED
Linear tunable	30 (1-15 x CW, 1x15 x WW)	60 (2-15 CW, 2 x 15 WW)
Linear RGB/W	-	1-14
Fittings tunable and RGB/W	1-7 Tunable white only	1-14
Number of circuits	2 Individually addressable	4 Individually addressable
Dimmable	DALI / DALI-2	DALI / DMX
Suitable for	Tunable White	RGB, RGBW, Tunable White
Output current (mA)	500mA	500mA
Output voltage (V)	2-55V per channel	2-57V Per channel
Max output wattage (W)	50W	100W
Dimensions L x W x H	153 x 76 x 30	388 x 42 x 30
Hole cut-out (mm)	N/A	N/A
IP rated	Can be supplied with an IP rated box for use in wet environments (sold separately).	
Warranty	5 years	5 years

700mA Constant Current Drivers		
	TXDEL2A700DALI	TXDEL4A700DALI TXDEL4A700DMX
Brand	eldoLED	eldoLED
Linear tunable	20 (1-10 x CW, 1-10 x WW)	40 (2 x 1-10 CW, 2 x 1-10 WW)
Linear RGB/W	-	1-10
Fittings tunable and RGB/W	1-7 Tunable white only	1-10
Number of circuits	2 Individually addressable	2 Individually addressable
Dimmable	DALI / DALI-2	DALI / DMX
Suitable for	Tunable White	RGB, RGBW, Tunable White
Output current (mA)	700mA	700mA
Output voltage (V)	2-55V per channel	2-37.5V Per channel
Max output wattage (W)	50W	100W
Dimensions L x W x H	153 x 76 x 30	388 x 42 x 30
Hole cut-out (mm)	N/A	N/A
IP rated	Can be supplied with an IP rated box for use in wet environments (sold separately).	
Warranty	5 years	5 years

RGB/ RGBW LED note:

Green and blue LEDs have a maximum forward voltage of 3.8V (white is max 3.2V at 350mA). So take off 1 LED of the total the driver can run. TXDEL4A350 DMX/ DALI drivers list the amount of RGB and RGBW LEDs they can run.









NB: (number of circuits) x (number of LEDs)









* Dimming range can vary depending on the manufacturer and type of control system used








350mA - 700mA LED DRIVERS (24V INPUT)

Constant Current Drivers

These drivers require a 24V input and provide an output of either 350mA, 500mA or 700mA constant current supply. This makes them particularly useful for boat applications where there is only a 24V supply. The drivers can be dimmed using a pulse width modulation signal (PWM) from a TXDEL DIM controller (see 24V LED driver section).

350mA 24V DC Input		
	TXDT24V350	TXDT24V350IP68
Brand	TCl	LightGraphix
1.2W fittings 	1-6	1-6
3.6W (3x1.2W) fittings 	1-2	1-2
5W fittings 	1	1
3.5W fittings 	1-2	1-2
7W fittings 	1	1
20W fittings 	-	-
Number of outputs/circuits	1	1
Dimmable	PWM	PWM
Output current (mA)	350mA	350mA
Output voltage (V)	20V	20V
Dimensions L x W x H (mm)	58 x 31 x 21	57 x 34 x 22
Hole cut-out (mm)	Ø38	Ø42
IP rating	-	IP68
Warranty	5 years	3 years

500mA 24V DC Input		
	TXDT24V500	TXDT24V500IP68
Brand	TCl	LightGraphix
1.7W fittings 	1-6	1-6
5.1W (3x1.7W) fittings 	1-2	1-2
7W fittings 	1	1
5W fittings 	1-2	1-2
10W fittings 	1	1
20W fittings 	-	-
Number of outputs/circuits	1	1
Dimmable	PWM	PWM
Output current (mA)	500mA	500mA
Output voltage (V)	20V	20V
Dimensions L x W x H (mm)	58 x 31 x 21	57 x 34 x 22
Hole cut-out (mm)	Ø38	Ø42
IP rating	-	IP68
Warranty	5 years	3 years

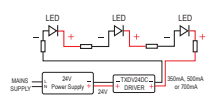
700mA 24V DC Input		
	TXDT24V700	TXDT24V700IP68
Brand	TCl	LightGraphix
2.4W fittings 	1-6	1-6
10W fittings 	1	1
5W fittings 	1-2	1-2
14W fittings 	1	1
20W fittings 	-	-
Number of outputs/circuits	1	1
Dimmable	PWM	PWM
Output current (mA)	700mA	700mA
Output voltage (V)	20V	20V
Dimensions L x W x H (mm)	58 x 31 x 21	57 x 34 x 22
Hole cut-out (mm)	Ø38	Ø42
IP rating	-	IP68
Warranty	5 years	3 years

* see driver data sheet for more information.

* the information provided above is based on a 24V input.

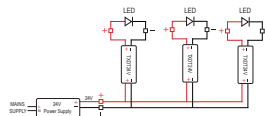
* see driver data sheet for more information.

* see driver data sheet for more information.



Wiring in series

One driver is used to run multiple LEDs that are wired in series. A 24V power supply feeds one driver. Ideal for use on boats with 24V power supply.



Wiring in parallel

One driver per LED, allowing parallel wiring from 24V power supply