

350mA LED Drivers

Constant Current Drivers

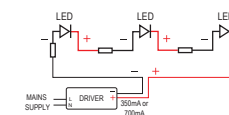
LEDs use specific drivers to run them, they are different from normal low voltage fittings in that they must be wired in series and need a constant current. Drivers can be placed 10m from the LEDs. Longer distances of 10-40m can be achieved by using a larger diameter cable to reduce the volt drop, or 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, LD53-350, LD150-350, LD10236-350, LD26-350, LD36-350

350mA Constant Current Drivers	Replaces TXDD350				Replaces TXDL20 TXDD350D					
	TXDL06CC350	TXDS2	TXDP12	TXDEL350S	TXDEL350CAS	TXDEL350D	TXDEL350DALI	TXDEL4S350D	TXDEL4A350DALI-1	TXDEL4A350DMX TXDEL4A350DALI
Brand	GE Lightec	Arditi	TCI	EldoLED	EldoLED	EldoLED	EldoLED	EldoLED	EldoLED	EldoLED
1.2W fittings 1 LED	1-2	1 - 3	1 - 12	1 - 14	1 - 14	1 - 14	1 - 14	56 (4 x 1 - 14)	56 (4 x 1 - 14)	56 (4 x 1 - 14)
3.6W (3x1.2W) fittings 3 LED	1	1	1 - 4	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 E1 / E2 Engine	1	-	1 - 3	1 - 4	1 - 4	1 - 4	1 - 4	12 (4 x 1 - 3)	12 (4 x 1 - 3)	12 (4 x 1 - 3)
3.5W fittings F1 Engine	1	1	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 6 chip & N1 Engine	-	-	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)
Number of outputs/circuits	1	1	1	1	1	1	1	4	4	4 Individually addressable
Dimmable	no	no	no	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 - 20V	3 - 12V	43V	2 - 55V	2 - 55V	2 - 55V	2 - 55V	2 - 57V per channel	2 - 57V per channel	2 - 57V per channel
Output Wattage (W)	6W	6W	15W	30W	30W	30W	30W	100W	100W	100W
Dimensions L x W x H (mm)	45 x 60 x 25	42 x 40 x 21	115 x 34 x 19	210 x 41 x 34	210 x 41 x 34	210 x 41 x 34	210 x 41 x 34	388 x 42 x 30	389 x 42 x 30	390 x 42 x 30
Hole Cut - out (mm)	51Ø	44Ø	40Ø	51Ø	51Ø	51Ø	51Ø	N/A	N/A	N/A
IP Rated	IP67 as standard	Drivers can be supplied with an IP rated box for use in wet environments.(Sold separately)								

Wiring in series

LEDs need to be connected with an 'in series' wiring method required.



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

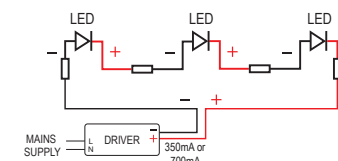
LEDs use specific drivers to run them, they are different from normal low voltage fittings in that they must be wired in series and need a constant current. Drivers can be placed 10m from the LEDs. Longer distances of 10-40m can be achieved by using a larger diameter cable to reduce the volt drop, or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

Example fittings that use these drivers include: LD42-500, LD1030-500, LD36-500, LD26-500

500mA Constant Current Drivers									
	TXDL06CC500	TXDL12CC500	TXDEL500S	TXDEL500CAS	TXDEL500D	TXDEL500DALI	TXDEL4S500D	TXDEL4A500DALI-1	TXDEL4A500DMX TXDEL4A500DALI
Brand	GE Lightec	GE Lightec	EldoLED	EldoLED	EldoLED	EldoLED	EldoLED	EldoLED	EldoLED
1.7W fittings 1 LED	1 - 3	1 - 8	1 - 14	1 - 14	1 - 14	1 - 14	56 (4 x 1 - 14)	56 (4 x 1 - 14)	56 (4 x 1 - 14)
5.1W (3x1.7W) fittings 3 LED	1	1 - 2	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 E1 / E2 Engine	1	1	1 - 4	1 - 4	1 - 4	1 - 4	12 (4 x 1 - 3)	12 (4 x 1 - 3)	12 (4 x 1 - 3)
5W fittings F1 Engine	1	1 - 2	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 6 chip & N1 Engine	-	1	1 - 2	1 - 2	1 - 2	1 - 2	8 (4 x 1 - 2)	8 (4 x 1 - 2)	8 (4 x 1 - 2)
Number of outputs/circuits	1	1	1	1	1	1	4	4	4 individually addressable
Dimmable	no	no	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 - 14V	2 - 26V	2 - 55V	2 - 55V	2 - 55V	2 - 55V	2 - 57V per channel	2 - 57V per channel	2 - 57V per channel
Output Wattage (W)	6W	12W	30W	30W	30W	30W	100W	100W	100W
Dimensions L x W x H (mm)	45 x 60 x 25	100 x 40 x 28	210 x 41 x 34	210 x 41 x 34	210 x 41 x 34	210 x 41 x 34	388 x 42 x 30	388 x 42 x 30	388 x 42 x 30
Hole Cut - out (mm)	51Ø	48Ø	51Ø	51Ø	51Ø	51Ø	N/A	N/A	N/A
IP Rated	IP67 as standard	Drivers can be supplied with an IP rated box for use in wet environments.(Sold separately)							

Wiring in series

LEDs need to be connected with an 'in series' wiring method required.



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

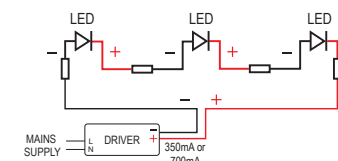
LEDs use specific drivers to run them, they are different from normal low voltage fittings in that they must be wired in series and need a constant current. Drivers can be placed 10m from the LEDs. Longer distances of 10-40m can be achieved by using a larger diameter cable to reduce the volt drop, or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

Example fittings that use these drivers include: LD56-700, LD1250-700, LD51-700, LD38-700

700mA Constant Current Drivers	Replaces TXDD700			Replaces TXDL20/700 TXDD700D					
									
Brand	Arditi	Arditi	EldoLED	EldoLED	EldoLED	EldoLED	EldoLED	EldoLED	EldoLED
2.4W fittings 1 LED	1 - 2	1 - 6	1 - 13	1 - 13	1 - 13	1 - 13	40 (4 x 1 - 10)	40 (4 x 1 - 10)	40 (4 x 1 - 10)
10W fittings ⊕ E1 / E2 Engine	-	1	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 ⊙ F1 Engine	-	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 ⊙ 6 chip & N1 Engine	-	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	4	4	4 individually addressable
Dimmable	no	no	no	Casambi	0 - 10V (0 - 100%)*	DALI / DALI - 2	0/1 - 10V (0 - 100%)*	DALI	DALI
Output Current (mA)	700mA	700mA	700mA	700mA	700mA	700mA	700mA	700mA	700mA
Output Voltage (V)	3 - 8.5V	3 - 24V	2 - 42V	2 - 42V	2 - 42V	2 - 42V	2 - 37.5V	2 - 37.5V	2 - 37.5V
Output Wattage (W)	6W	17W	30W	30W	30W	30W	100W	100W	100W
Dimensions L x W x H (mm)	42 x 40 x 21	125 x 38 x 22	210 x 41 x 34	210 x 41 x 34	210 x 41 x 34	210 x 41 x 34	388 x 42 x 30	388 x 42 x 30	388 x 42 x 30
Hole Cut - out (mm)	44Ø	43Ø	51Ø	51Ø	51Ø	51Ø	N/A	N/A	N/A
IP Rated	Drivers can be supplied with an IP rated box for use in wet environments. (Sold separately)								

Wiring in series

LEDs need to be connected with an 'in series' wiring method required.



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


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


350 - 700mA Phase/Mains Dimmable LED Drivers


Constant Current Drivers

Driver sheet - Page 4

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 the driver can run. Please contact us for more information.

350mA Constant Current Drivers		
		TXDTC350PHD
Brand		TCI
1.2W fittings	1 LED	1 - 11
3.6W (3x1.2W) fittings	3 LED	1 - 3
5W fittings	⊕ E1 / E2 Engine	1 - 3
5W fittings	⊙ F1 Engine	1 - 4
7W fittings	⊗ 6 chip & N1 Engine	1 - 2
Number of outputs/circuits		1
Dimmable		240V trailing & leading edge (5 - 100%)
Output Current (mA)		350mA
Output Voltage (V)		2 - 47V
Dimensions LxWxH (mm)		166 x 46 x 34
Hole Cut - out (mm)		51Ø
IP Rated		Can be supplied with an IP rated box for use in wet environments. (Sold separately)



500mA Constant Current Drivers		
		TXDTC500PHD
Brand		TCI
1.7W fittings	1 LED	1 - 11
5.1W (3x1.7W) fittings	3 LED	1 - 3
7W fittings	⊕ E1 / E2 Engine	1 - 3
5W fittings	⊙ F1 Engine	1 - 4
10W fittings	⊗ 6 chip & N1 Engine	1 - 2
Number of outputs/circuits		1
Dimmable		240V trailing & leading edge (5 - 100%)
Output Current (mA)		500mA
Output Voltage (V)		2 - 47V
Dimensions LxWxH (mm)		166 x 46 x 34
Hole Cut - out (mm)		51Ø
IP Rated		Can be supplied with an IP rated box for use in wet environments. (Sold separately)



700mA Constant Current Drivers		
		TXDTC700PHD
Brand		TCI
2.4W fittings	1 LED	1 - 11
5.1W (3x1.7W) fittings	3 LED	1 - 3
10W fittings	⊕ E1 / E2 Engine	1 - 3
5W fittings	⊙ F1 Engine	1-4
14W fittings	⊗ 6 chip & 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
Dimensions LxWxH (mm)		166 x 46 x 34
Hole Cut - out (mm)		51Ø
IP Rated		Can be supplied with an IP rated box for use in wet environments. (Sold separately)



Dynamic LED Drivers

Constant Current Drivers

Driver sheet - Page 5

350mA Constant Current Drivers		
	TXDEL2A350DALI	TXDEL4A350DALI TXDEL4A350DMX
Brand	EldoLED	EldoLED
Linear Tunable	28 (1 - 14 x CW, 1 - 14 x WW)	56 (2 x 1 - 14 CW, 2 x 1 - 14 WW)
Linear RGB/W	-	1 - 14
Fittings	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
Output Wattage (W)	50W	100W
Dimensions L x W x H	153 x 76 x 30	390 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)	

500mA Constant Current Drivers		
	TXDEL2A500DALI	TXDEL4A500DALI TXDEL4A500DMX
Brand	EldoLED	EldoLED
Linear Tunable	28 (1 - 14 x CW, 1 - 14 x WW)	56 (2 x 1 - 14 CW, 2 x 1 - 14 WW)
Linear RGB/W	-	1 - 14
Fittings	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
Output Wattage (W)	50W	100W
Dimensions L x W x H	153 x 76 x 30	390 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)	

700mA Constant Current Drivers		
	TXDEL2A700DALI	TXDEL4A700DALI TXDEL4A700DMX
Brand	EldoLED	EldoLED
Linear Tunable	28 (1 - 14 x CW, 1 - 14 x WW)	40 (2 x 1 - 10 CW, 2 x 1 - 10 WW)
Linear RGB/W	-	1 - 10
Fittings	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)	700mA	700mA
Output Voltage (V)	2 - 55V per channel	2 - 57V Per channel
Output Wattage (W)	50W	100W
Dimensions L x W x H	153 x 76 x 30	390 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)	

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 dimmed using a pulse width modulation signal (PWM) from a TXDO DIM controller (see 24V LED driver section).

350mA 24V DC Input		
	TXDT24V350	TXDT24V350IP68
Brand	TCI	LightGraphix
1.2W fittings 1 LED	1 - 6	1 - 6
3.6W (3x1.2W) fittings 3 LED	1 - 2	1 - 2
5W fittings ⊕ E1 / E2 Engine	1	1
5W fittings ⊙ F1 Engine	2	2
7W fittings ⊗ 6 chip & N1 Engine	1	1
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)	38Ø	35Ø
IP Rating	-	IP68

500mA 24V DC Input		
	TXDT24V500	TXDT24V500IP68
Brand	TCI	LightGraphix
1.7W fittings 1 LED	1 - 6	1 - 6
5.1W (3x1.7W) fittings 3 LED	1 - 2	1 - 2
7W fittings ⊕ E1 / E2 Engine	1	1
7W fittings ⊙ F1 Engine	2	2
10W fittings ⊗ 6 chip & N1 Engine	1	1
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)	38Ø	35Ø
IP Rating	-	IP68

700mA 24V DC Input		
	TXDT24V700	TXDT24V700IP68
Brand	TCI	LightGraphix
2.4W fittings 1 LED	1 - 6	1 - 6
5.1W (3x1.7W) fittings 3 LED	1 - 2	1 - 2
10W fittings ⊕ E1 / E2 Engine	1	1
10W fittings ⊙ F1 Engine	2	2
14W fittings ⊗ 6 chip & N1 Engine	1	1
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)	38Ø	35Ø
IP Rating	-	IP68

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

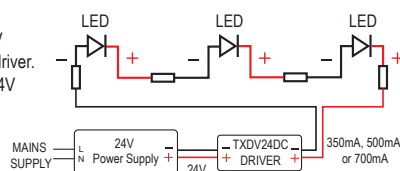
* see driver data sheet for more information.

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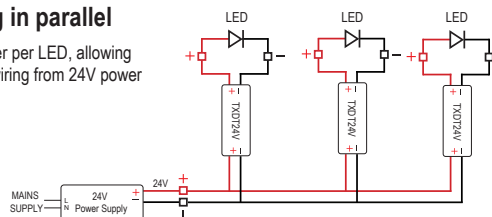
Wiring in series

One driver to run multiple LEDs wired in series. 24V power supply feeds one driver. Ideal use on boats with 24V power supply



Wiring in parallel

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











24V LED Drivers

Constant Voltage Drivers








LEDs using these drivers require a 24V DC constant voltage input with a parallel wiring method. Max 10m.

Example fittings that use these drivers include: LD Picture Light, LD Flexi, LD11, LD Line 15, LD22

24V Constant Voltage Drivers							
	TXDA24008	TXDTC24016DALI	TXDTC24020DIM	TXDO24020	TXDO24075	TXDL24150	TXDL24200
Output Power (W)	8W	16W	20W	20W	75W	150W	200W
Dimmable	use with Dimming Controller	Integrated Dimming (DALI) controller	Integrated Dimming (1-10) controller	use with Dimming Controller	use with Dimming Controller	use with Dimming Controller	use with Dimming Controller
Output Voltage (V)	24V DC	24V DC	24V DC	24V DC	24V DC	24V DC	24V DC
Dimensions L x W x H (mm)	68 x 35 x 21.5	108 x 52 x 22	108 x 52 x 22	109 x 50 x 35	220 x 46.2 x 43.6	300 x 65 x 42	300 x 65 x 42
IP Rating	Drivers can be supplied with an IP rated box for use in wet environments. (Sold separately)						

24V Constant Voltage Mains Dimmable Drivers	
	TXDEC24050PHD
Output Power (W)	50W
Dimmable	240V leading edge dimmable
Output Voltage (V)	24V DC
Dimensions L x W x H (mm)	174 X 61 X 24
IP Rating	Drivers can be supplied with an IP rated box for use in wet environments. (Sold separately)

Please Note: Dimming drivers must be tested with control systems to assess compatibility. Dimming range can vary depending on the manufacturer of the dimmer / control system.

24V Dimming Controllers							
	TXDO-DIM	TXDO-DIM DALI	TXDEL-DIM	TXDEL-DIM DALI	TXDEL-DIM DMX	TXDEL-DIM DMX 2CH	TXDEL-DIM RGBW DMX
Output Power (W)	0 - 120W	0 - 120W	192W	192W	192W	192W	4 x 36W
Number of Channels	1	1	1	1	1	2	4
Dimmable	1 - 10V (0 - 100%)	DALI (0 - 100%)	0-10V (0 - 100%)	DALI (0 - 100%)	DMX (0 - 100%)	DMX (0 - 100%)	DMX (0 - 100%)
Output Voltage (V)	24V DC	24V DC	24V DC	24V DC	24V DC	24V DC	24V DC
Dimensions L x W x H (mm)	172 x 42 x 20	172 x 42 x 20	153 x 50 x 23	153 x 50 x 23	153 x 50 x 23	153 x 50 x 23	153 x 50 x 23
IP Rating	Dimming controllers can be supplied with an IP rated box for use in wet environments. (Sold separately)						