

# 350mA LED Drivers

## Constant Current Drivers

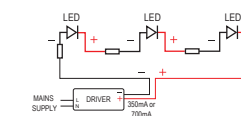
LEDs use specific drivers to run them, they are different from normal low voltage fittings in that they must be wired in series and need a constant current. Drivers can be placed 10m from the LEDs. Longer distances of 10-40m can be achieved by using a larger diameter cable to reduce the volt drop, or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

	Replaces TXDD350				Replaces TXDL20 TXDD350D					
										
	TXDL06CC350	TXDS2	TXDP12	TXDEL350S	TXDEL350CAS	TXDEL350D	TXDEL350DALI	TXDEL4S350D	TXDEL4S350DALI	TXDEL4A350DMX TXDEL4A350DALI
	GE Lightec	Arditi	TCI	EldoLED	Casambi	EldoLED	EldoLED	EldoLED	EldoLED	EldoLED
<b>1.2W fittings</b>	Number of LEDs in each fitting 1 LED	1 - 4	1 - 3	1 - 12	1 - 14	1 - 14	1 - 14	56 (4 x 1-14)	56 (4 x 1-14)	56 (4 x 1-14) 2-13 RGB tri chips
<b>3.6W (3x1.2W) fittings</b>	3 LED	1	1	1 - 4	1 - 4	1 - 4	1 - 4	16 (4 x 1-4)	16 (4 x 1-4)	16 (4 x 1-4)
<b>5W fittings</b>	4 LED E1 Engine	1	-	1 - 3	1 - 4	1 - 4	1 - 4	12 (4 x 1-3)	12 (4 x 1-3)	12 (4 x 1-3) 2-13 RGBW
<b>7W fittings</b>	6 LED Cluster & COB	-	-	1 - 2	1 - 2	1 - 2	1 - 2	8 (4 x 1-2)	8 (4 x 1-2)	8 (4 x 1-2)
<b>Number of outputs/circuits</b>	1	1	1	1	1	1	1	4	4	4 Individually addressable
<b>Dimmable</b>	no	no	no	no	Casambi	0 - 10V (0-100%)*	DALI (0-100%)*	0-10V (0-100%)*	DALI (0-100%)*	DMX, DALI (0-100%)*
<b>Output Current (mA)</b>	350mA	350mA	350mA	350mA	350mA	350mA	350mA	350mA	350mA	350mA
<b>Output Voltage (V)</b>	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
<b>Output Wattage (W)</b>	6W	6W	15W	30W	30W	30W	30W	100W	100W	100W
<b>Dimensions L x W x H (mm)</b>	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	388 x 42 x 30	388 x 42 x 30
<b>Hole Cut - out (mm)</b>	51Ø	44Ø	40Ø	51Ø	51Ø	51Ø	51Ø	N/A	N/A	N/A
<b>IP Rated</b>	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.



### 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

# 500mA LED Drivers

## Constant Current Drivers

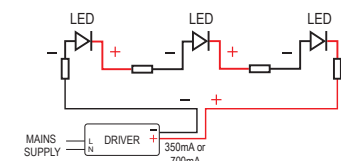
LEDs use specific drivers to run them, they are different from normal low voltage fittings in that they must be wired in series and need a constant current. Drivers can be placed 10m from the LEDs. Longer distances of 10-40m can be achieved by using a larger diameter cable to reduce the volt drop, or 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	Replaces TXDD500			Replaces TXDL20/500 TXDD500D						
	TXDL06CC500	TXDL12CC500	TXDEL500S	TXDEL500CAS	TXDEL500D	TXDEL500DALI	TXDEL4S500D	TXDEL4S500DALI	TXDEL4A500DMX TXDEL4A500DALI	
	GE Lightec	GE Lightec	EldoLED	EldoLED	EldoLED	EldoLED	EldoLED	EldoLED	EldoLED	
1.7W fittings	Number of LEDs in each fitting	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)
	1 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)
5.1W (3x1.7W) fittings	3 LED	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) 2-13 RGBW
7W fittings	4 LED E1 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)
10W fittings	6 LED Cluster & COB	1	1	1	1	1	1	4	4	4 individually addressable
Number of outputs/circuits	no	no	no	no	0 - 10V (0-100%)*	DALI (0-100%)*	0-10V (0-100%)*	DALI (0-100%)*	DMX, DALI (0-100%)*	
Dimmable	500mA	500mA	500mA	500mA	500mA	500mA	500mA	500mA	500mA	
Output Current (mA)	2 - 14V	2 - 26V	2 - 55V	2 - 55V	2 - 55V	2 - 55V	2 - 50V per channel	2 - 50V per channel	2 - 50V per channel	
Output Voltage (V)	6W	12W	30W	30W	30W	30W	100W	100W	100W	
Output Wattage (W)	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	
Dimensions L x W x H (mm)	51Ø	48Ø	51Ø	51Ø	51Ø	51Ø	N/A	N/A	N/A	
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.



### 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. TXDEL4A500 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

# 700mA LED Drivers

## Constant Current Drivers

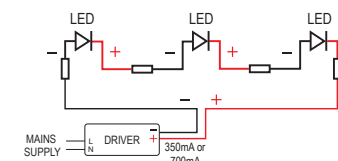
LEDs use specific drivers to run them, they are different from normal low voltage fittings in that they must be wired in series and need a constant current. Drivers can be placed 10m from the LEDs. Longer distances of 10-40m can be achieved by using a larger diameter cable to reduce the volt drop, or 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						
	TXDS2/700	TXDP17	TXDEL700S	TXDEL700CAS	TXDEL700D	TXDEL700DALI	TXDEL4S700D	TXDEL4S700DALI	TXDEL4A700DMX TXDEL4A700DALI
	Arditi	Arditi	EldoLED	EldoLED	EldoLED	EldoLED	EldoLED	EldoLED	EldoLED
Number of LEDs in each fitting	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)
2.4W fittings	1 LED	-	1	1 - 3	1 - 3	1 - 3	8 (4 x 1-2)	8 (4 x 1-2)	8 (4 x 1-2)
10W fittings	4 LED E1 Engine	-	1	1 - 2	1 - 2	1 - 2	4 (4 x 1)	4 (4 x 1)	4 (4 x 1)
14W fittings	6 LED Cluster & COB	1	1	1	1	1	4	4	4 individually addressable
Number of outputs/circuits	no	no	no	no	0 - 10V (0-100%)*	DALI (0-100%)*	0-10V (0-100%)*	DALI (0-100%)*	DMX, DALI (0-100%)*
Dimmable	700mA	700mA	700mA	700mA	700mA	700mA	700mA	700mA	700mA
Output Current (mA)	3 - 8.5V	3 - 24V	2 - 42V	2 - 42V	2 - 42V	2 - 42V	2 - 35.7V	2 - 35.7V	2 - 35.7V
Output Voltage (V)	6W	17W	30W	30W	30W	30W	100W	100W	100W
Output Wattage (W)	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
Dimensions L x W x H (mm)	44Ø	43Ø	51Ø	51Ø	51Ø	51Ø	N/A	N/A	N/A
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.



### 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. TXDEL4A700 DMX/ DALI drivers list the amount of RGB and RGBW LEDs they can run.


# 350 - 700mA Phase/Mains Dimmable LED Drivers


## Constant Current Drivers

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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.

<b>350mA</b> Constant Current Drivers		
		<b>TXDTC350PHD</b>
	Number of LEDs in each fitting	
<b>1.2W fittings</b>	1 LED	1 - 14
<b>3.6W (3x1.2W) fittings</b>	3 LED	1 - 4
<b>5W fittings</b>	4 LED E1 Engine	1 - 3
<b>7W fittings</b>	6 LED Cluster & COB	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)



<b>500mA</b> Constant Current Drivers		
		<b>TXDTC500PHD</b>
	Number of LEDs in each fitting	
<b>1.7W fittings</b>	1 LED	1 - 14
<b>5.1W (3x1.7W) fittings</b>	3 LED	1 - 4
<b>7W fittings</b>	4 LED E1 Engine	1 - 3
<b>10W fittings</b>	6 LED Cluster & COB	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)



<b>700mA</b> Constant Current Drivers		
		<b>TXDTC700PHD</b>
	Number of LEDs in each fitting	
<b>2.4W fittings</b>	1 LED	1 - 13
<b>10W fittings</b>	4 LED E1 Engine	1 - 3
<b>14W fittings</b>	6 LED Cluster & COB	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)



# 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
Number of LEDs in each fitting			
<b>1.2W fittings</b>	1 LED	1 - 6	1 - 6
<b>3.6W (3x1.2W) fittings</b>	3 LED	1 - 2	1 - 2
<b>5W fittings</b>	4 LED E1 Engine	1	1
<b>7W fittings</b>	6 LED Cluster & COB	1	1
Number of outputs/circuits		1	1
Dimmable		PWM (TXDO-DIM, 1-10V, DALI, DMX)	PWM (TXDO-DIM, 1-10V, DALI, DMX)
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	35Ø
IP Rating		-	IP68

500mA 24V DC Input			
		TXDT24V500	TXDT24V500IP68
Number of LEDs in each fitting			
<b>1.7W fittings</b>	1 LED	1 - 6	1 - 6
<b>5.1W (3x1.7W) fittings</b>	3 LED	1 - 2	1 - 2
<b>7W fittings</b>	4 LED E1 Engine	1	1
<b>10W fittings</b>	6 LED Cluster & COB	1	1
Number of outputs/circuits		1	1
Dimmable		PWM (TXDO-DIM, 1-10V, DALI, DMX)	PWM (TXDO-DIM, 1-10V, DALI, DMX)
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
Number of LEDs in each fitting			
<b>2.4W fittings</b>	1 LED	1 - 6	1 - 6
<b>10W fittings</b>	4 LED E1 Engine	1	1
<b>14W fittings</b>	6 LED Cluster & COB	1	1
Number of outputs/circuits		1	1
Dimmable		PWM (TXDO-DIM, 1-10V, DALI, DMX)	PWM (TXDO-DIM, 1-10V, DALI, DMX)
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.

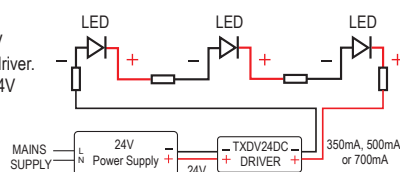
\* see driver data sheet for more information.

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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

