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

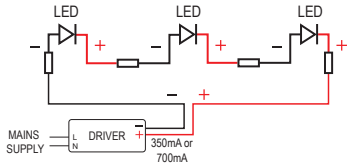
350mA Constant Current Drivers Number of LEDs in each fitting						Replaces TXDL20 TXDD350D  UL	 UL	 UL	 UL	 UL
		TXDL06CC350	**TXDS2**	**TXDP12**	**TXDD350**	**TXDEL350D**	**TXDEL350DALI**	**TXDEL4S350D**	**TXDEL4S350DALI**	**TXDEL4A350DMX TXDEL4A350DALI**
		GE Lightec	Arditi	TCI	Mackwell/Harvard	EldoLED	EldoLED	EldoLED	EldoLED	EldoLED
1.2W fittings	1 LED	1 - 4	1 - 3	1 - 12	3 - 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
3.6W (3x1.2W) fittings	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)
5W fittings	4 LED MKR	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
7W fittings	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)
Number of outputs/circuits		1	1	1	1	1	1	4	4	4 Individually addressable
Dimmable		no	no	no	no	0 - 10V (1-100%)*	DALI (0-100%)*	1-10V (0-100%)*	DALI (0-100%)*	DMX, DALI (0-100%)*
Output Current (mA)		350mA	350mA	350mA	350mA	350mA	350mA	350mA	350mA	350mA
Output Voltage (V)		2 - 20V	3 - 12V	43V	9 - 48V	2 - 55V	2 - 55V	2 - 57V per channel	2 - 57V per channel	2 - 57V per channel
Output Wattage (W)		6W	6W	15W	33W	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	186 x 33 x 32	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	44Ø	40Ø	45Ø	51Ø	51Ø	N/A	N/A	N/A
IP Rated		IP67 as standard	Drivers can be supplied in an IP rated box for use in wet environments.							

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

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

Wiring in series

LEDs need to 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.

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

Replaces TXDL20/500
TXDD500D

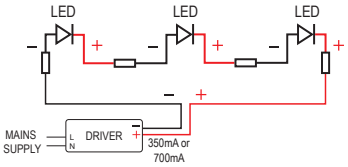
500mA Constant Current Drivers	Number of LEDs in each fitting								
		TXDL06CC500	**TXDL12CC500**	**TXDD500**	**TXDEL500D**	**TXDEL500DALI**	**TXDEL4S500D**	**TXDEL4S500DALI**	**TXDEL4A500DMX TXDEL4A500DALI**
		GE Lightec	GE Lightec	Mackwell/Harvard	EldoLED	EldoLED	EldoLED	EldoLED	EldoLED
1.7W fittings	1 LED	1 - 3	1 - 8	3 - 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	16 (4 x 1-4)	16 (4 x 1-4)	16 (4 x 1-4)
7W fittings	4 LED MKR	1	1	1 - 4	1 - 4	1 - 4	12 (4 x 1-3)	12 (4 x 1-3)	12 (4 x 1-3) 2-13 RGBW
10W fittings	6 LED Cluster & COB	-	1	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	4	4	4 individually addressable
Dimmable		no	no	no	0 - 10V (1-100%)*	DALI (0-100%)*	1-10V (0-100%)*	DALI (0-100%)*	DMX, DALI (0-100%)*
Output Current (mA)		500mA	500mA	500mA	500mA	500mA	500mA	500mA	500mA
Output Voltage (V)		2 - 14V	2 - 26V	9 - 48V	2 - 55V	2 - 55V	2 - 50V per channel	2 - 50V per channel	2 - 50V per channel
Output Wattage (W)		6W	12W	33W	30W	30W	100W	100W	100W
Dimensions L x W x H (mm)		45 x 60 x 25	100 x 40 x 28	186 x 33 x 32	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	45Ø	51Ø	51Ø	N/A	N/A	N/A
IP Rated		IP67 as standard	Drivers can be supplied in an IP rated box for use in wet environments.						

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

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

Wiring in series

LEDs need to 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.

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

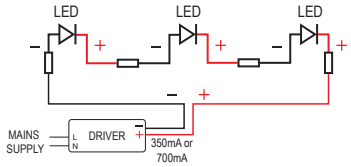
700mA Constant Current Drivers	Number of LEDs in each fitting				Replaces TXDL20/700 TXDD700D 				
		TXDS2/700	**TXDP17**	**TXDD700**	**TXDEL700D**	**TXDEL700DALI**	**TXDEL4S700D**	**TXDEL4S700DALI**	**TXDEL4A700DMX TXDEL4A700DALI**
		Arditi	Arditi	Mackwell/Harvard	EldoLED	EldoLED	EldoLED	EldoLED	EldoLED
2.4W fittings	1 LED	1 - 2	1 - 6	3 - 14	1 - 13	1 - 13	40 (4 x 1-10)	40 (4 x 1-10)	40 (4 x 1-10)
10W fittings	4 LED MKR	-	1	1 - 3	1 - 3	1 - 3	8 (4 x 1-2)	8 (4 x 1-2)	8 (4 x 1-2)
14W fittings	6 LED Cluster & COB	-	1	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	4	4	4 individually addressable
Dimmable		no	no	no	0 - 10V (1-100%)*	DALI (0-100%)*	1-10V (0-100%)*	DALI (0-100%)*	DMX, DALI (0-100%)*
Output Current (mA)		700mA	700mA	700mA	700mA	700mA	700mA	700mA	700mA
Output Voltage (V)		3 - 8.5V	3 - 24V	9 - 48V	2 - 42V	2 - 42V	2 - 35.7V	2 - 35.7V	2 - 35.7V
Output Wattage (W)		6W	17W	33W	30W	30W	100W	100W	100W
Dimensions L x W x H (mm)		42 x 40 x 21	125 x 38 x 22	186 x 33 x 32	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	45Ø	51Ø	51Ø	N/A	N/A	N/A
IP Rated		Drivers can be supplied in an IP rated box for use in wet environments.							

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

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

Wiring in series

LEDs need to 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

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, espicially 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


	Number of LEDs in each fitting	TXDLDIMTE (Lumotech)	TXDM350PHD (Mode)
1.2W fittings	1 LED	1 - 9	4 - 14
3.6W (3x1.2W) fittings	3 LED	1 - 3	2 - 4
5W fittings	4 LED MKR	1 - 2	1 - 3
7W fittings	6 LED Cluster & COB	1	1 - 2
Number of outputs/ circuits		1	1
Dimmable		240V trailing edge (min 20%)*	240V trailing/ leading edge
Output Current (mA)		350mA	350mA
Output Voltage (V)		32V	12 - 48V
Dimensions LxWxH (mm)		99 x 39 x 23	150 x 49 x 35
Hole Cut - out (mm)		42Ø	50Ø
IP Rated		Can be supplied in an IP rated box for use in wet environments	

500mA
Constant Current Drivers


	Number of LEDs in each fitting	TXDL26CC500 (GE/Lightec)	TXDM500PHD (Mode)
1.7W fittings	1 LED	2 - 14	4 - 11
5.1W (3x1.7W) fittings	3 LED	1 - 4	2 - 3
7W fittings	4 LED MKR	1 - 3	1 - 2
10W fittings	6 LED Cluster & COB	1 - 2	1
Number of outputs/circuits		1	1
Dimmable		240V Trailing Edge (min 25%)*	240V trailing/ leading edge
Output Current (mA)		500mA	500mA
Output Voltage (V)		4 - 52V	12 - 36V
Dimensions LxWxH (mm)		153 x 40 x 31	150 x 49 x 35
Hole Cut - out (mm)		50Ø	50Ø
IP Rated		Can be supplied in an IP rated box for use in wet environments	

700mA
Constant Current Drivers


	Number of LEDs in each fitting	TXDLDIMTE/700 (Lumotech)	TXDM700PHD2 (Mode)
2.4W fittings	1 LED	1 - 4	4 - 14
10W fittings	4 LED MKR	1	1 - 3
14W fittings	6 LED Cluster & COB	1	1 - 2
Number of outputs/circuits		1	1
Dimmable		240V trailing edge (min 20%)*	240V trailing/ leading edge
Output Current (mA)		700mA	700mA
Output Voltage (V)		18V	12 - 48V
Dimensions LxWxH (mm)		99 x 39 x 23	224 x 58 x 42
Hole Cut - out (mm)		42Ø	70Ø
IP Rated		Can be supplied in an IP rated box for use in wet environments	

The TXDM350PHD, TXDM500PHD and TXDM700PHD2 have been tested with a Lutron Graphic Eye system and this combination works well, smooth dimming down to around 5%. These also work well with Mode dimming systems as these drivers are made by them.

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	Number of LEDs in each fitting	 TXDT24V350	 TXDT24V350IP68
1.2W fittings	1 LED	1 - 6	1 - 6
3.6W (3x1.2W) fittings	3 LED	1 - 2	1 - 2
5W fittings	4 LED Cree MKR	1	1
7W fittings	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

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

* see driver data sheet for more information.

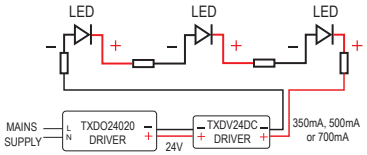
500mA 24V DC Input	Number of LEDs in each fitting	 TXDT24V500	 TXDT24V500IP68
1.7W fittings	1 LED	1 - 6	1 - 6
5.1W (3x1.7W) fittings	3 LED	1 - 2	1 - 2
7W fittings	4 LED Cree MKR	1	1
10W fittings	6 LED Cluster & COB	1	1
Number of outputs/circuits		1	1
Dimmable		PWM (TXDO-DIM, 1-10V, DALI, DMX)	PWM (TXDO-DIM,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

* see driver data sheet for more information.

700mA 24V DC Input	Number of LEDs in each fitting	 TXDT24V700	 TXDT24V700IP68
2.4W fittings	1 LED	1 - 6	1 - 6
10W fittings	4 LED Cree MKR	1	1
14W fittings	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

* see driver data sheet for more information.

Wiring in series



Wiring in parallel