



Flexfire LEDs Power Supply Selector

Welcome to our Power Supply Selector Guide! The purpose of an LED driver is to convert high-voltage AC power into rectified low-voltage DC power that your LED strip lights can use. This guide will help you select the best one for your project.

We have four different types of power supplies that you can choose from, depending on what type of lights you own and what kind of capabilities you prefer:

- 01 **Plug-in Adaptors** are easy-to-use plug-and-play power supplies typically used for simple on/off applications or installations using a PWM dimmer.
- 02 **Mean Well™ HLG and LPV Drivers** are hardwired power supplies rated to be exposed to moisture and can be used outside when paired with an appropriate junction box. These drivers are typically used for more permanent applications.
- 03 **Zurik® Universal Drivers** are hardwired power supplies capable of universal dimming by performing flawlessly with a wide variety of dimming technologies, including MLV, ELV, TRIAC, 0/1-10V, 10V PWM, or potentiometer dimmers. These drivers are perfect to have around for commercial installations with input voltages up to 277V.
- 04 **Lutron® Hi-Lume™ Drivers** are high-performance LED drivers capable of controlling up to 96W of 24V constant voltage loads. This driver provides smooth and continuous dimming down to 0.1% low-end.

To select the power supply that will best suit your project, search for the LED strip light you are going to use below, choose the type of power supply that you want to use, and then look for the number of feet that you want to power and you will find the specific SKU that adapts to your project's needs.



Click below on the name of the strip light you will be using

Single Color Output Lights

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Outline™ Series

1.5 W/ft

Single Color Output Lights

Power Supply		24V			
Non-dimmable	Mean Well™ HLG	Length	Watts	SKU	
		1-36 ft	60 W	HLG-60H-24A	
		37-57 ft	96 W	HLG-100H-24A	
		58-111 ft	185 W	HLG-185H-24A	
		112-192 ft	320 W	HLG-320H-24A	
	193-360 ft	600 W	HLG-600H-24A		
	Mean Well™ LPV	1-34 ft	60 W	LPV-60-24	
	Plug-In Power Supplies	1-12 ft	24 W	24V-WMPS2-1	
		13-32 ft	60 W	24V-DPS2-2.5	
		33-51 ft	96 W	24V-DPS2-4	
		52-64 ft	120 W	24V-DPS2-5	
	Dimmable	Zurik® Universal	1-18 ft	30 W	ZRK-UNV-30W-24VDC
			19-36 ft	60 W	ZRK-UNV-60W-24VDC
			37-57 ft	96 W	ZRK-UNV-96W-24VDC
			58-72 ft	120 W	ZRK-UNV-120W-24VDC
73-120 ft			200 W	ZRK-UNV-200W-24VDC	
121-180 ft			300 W	ZRK-UNV-300W-24VDC	
1-114 ft up to 57 ft per channel			192 W (2*96 W)	ZRK-UNV-C192W-24VDC	
115-228 ft up to 57 ft per channel			384 W (4*96 W)	ZRK-UNV-C384W-24VDC	
Lutron® Hi-Lume			1-57 ft	96 W	L3D0-96W24V-U

Accent Series™

3.5 W/ft

Single Color Output Lights

Power Supply		12V			24V		
Non-dimmable	Mean Well™ HLG	Length	Watts	SKU	Length	Watts	SKU
		1-15 ft	60 W	HLG-80H-12A	1-15 ft	60 W	HLG-60H-24A
		16-30 ft	120 W	HLG-120H-12A	16-24 ft	96 W	HLG-100H-24A
		31-68 ft	265 W	HLG-320H-12A	25-47 ft	185 W	HLG-185H-24A
					48-82 ft	320 W	HLG-320H-24A
					83-154 ft	600 W	HLG-600H-24A
	Mean Well™ LPV				10-14 ft	60 W	LPV-60-24
	Plug-In Power Supplies	1-2 ft	12 W	12V-WMPS-1	1-5 ft	24 W	24V-WMPS2-1
		3-10 ft	48 W	12V-DPS-4	6-13 ft	60 W	24V-DPS2-2.5
		11-16 ft	72 W	12V-DPS2-6	14-21 ft	96 W	24V-DPS2-4
17-21 ft		96 W	12V-DPS2-8	22-27 ft	120 W	24V-DPS2-5	
Dimmable	Zurik® Universal	1-7 ft	30 W	ZRK-UNV-30W-12VDC	1-7 ft	30 W	ZRK-UNV-30W-24VDC
		8-15 ft	60 W	ZRK-UNV-60W-12VDC	8-15 ft	60 W	ZRK-UNV-60W-24VDC
		16-30 ft	120 W	ZRK-UNV-120W-12VDC	16-24 ft	96 W	ZRK-UNV-96W-24VDC
		29-50 ft	200 W	ZRK-UNV-200W-12VDC	25-30 ft	120 W	ZRK-UNV-120W-24VDC
		51-78 ft	300 W	ZRK-UNV-300W-12VDC	31-51 ft	200 W	ZRK-UNV-200W-24VDC
		1-45 ft up to 15 ft per channel	180 W (3*60 W)	ZRK-UNV-C180W-12VDC	52-77 ft	300 W	ZRK-UNV-300W-24VDC
		46-78 ft up to 15 ft per channel	300 W (5*60 W)	ZRK-UNV-C300W-12VDC	1-48 ft up to 24 ft per channel	192 W (2*96 W)	ZRK-UNV-C192W-24VDC
					49-96 ft up to 24 ft per channel	384 W (4*96 W)	ZRK-UNV-C384W-24VDC
Lutron® Hi-Lume				1-24 ft	96 W	L3D0-96W24V-U	

Architectural™ Series

4.4 W/ft

Single Color Output Lights

Power Supply		12V			24V		
Non-dimmable	Mean Well™ HLG	Length	Watts	SKU	Length	Watts	SKU
		1-12 ft	60 W	HLG-80H-12A	1-12 ft	60 W	HLG-60H-24A
		13-24 ft	120 W	HLG-120H-12A	13-19 ft	96 W	HLG-100H-24A
		25-54 ft	265 W	HLG-320H-12A	20-37 ft	185 W	HLG-185H-24A
					38-65 ft	320 W	HLG-320H-24A
					66-122 ft	600 W	HLG-600H-24A
		Mean Well™ LPV			1-11 ft	60 W	LPV-60-24
		Plug-In Power Supplies	1-2 ft	12 W	12V-WMPS-1	1-4 ft	24 W
	3-4 ft		24 W	12V-DPS-2	5-10 ft	60 W	24V-DPS-2.5
	5-8 ft		48 W	12V-DPS-4	11-17 ft	96 W	24V-DPS-4
	9-13 ft		72 W	12V-DPS-6	18-21 ft	120 W	24V-DPS-5
	14-17 ft		96 W	12V-DPS-8			
Dimmable	Zurik® Universal	1-6 ft	30 W	ZRK-UNV-30W-12VDC	1-6 ft	30 W	ZRK-UNV-30W-24VDC
		7-12 ft	60 W	ZRK-UNV-60W-12VDC	7-12 ft	60 W	ZRK-UNV-60W-24VDC
		13-24 ft	120 W	ZRK-UNV-120W-12VDC	13-19 ft	96 W	ZRK-UNV-96W-24VDC
		25-40 ft	200 W	ZRK-UNV-200W-12VDC	20-24 ft	120 W	ZRK-UNV-120W-24VDC
		41-61 ft	300 W	ZRK-UNV-300W-12VDC	25-40 ft	200 W	ZRK-UNV-200W-24VDC
		1-36 ft up to 12 ft per channel	180 W (3*60 W)	ZRK-UNV-C180W-12VDC	41-61 ft	300 W	ZRK-UNV-300W-24VDC
		37-60 ft up to 12 ft per channel	300 W (5*60 W)	ZRK-UNV-C300W-12VDC	1-38 ft up to 19 ft per channel	192 W (2*96 W)	ZRK-UNV-C192W-24VDC
					39-76 ft up to 19 ft per channel	384 W (4*96 W)	ZRK-UNV-C384W-24VDC
	Lutron® Hi-Lume			1-19 ft	96 W	L3D0-96W24V-U	

Slim™ Series

4.6 W/ft

Single Color Output Lights

Power Supply		24V			
Non-dimmable	Mean Well™ HLG	Length	Watts	SKU	
		1-11 ft	60 W	HLG-60H-24A	
		12-18 ft	96 W	HLG-100H-24A	
		19-36 ft	185 W	HLG-185H-24A	
		37-62 ft	320 W	HLG-320H-24A	
		63-117 ft	600 W	HLG-600H-24A	
	Mean Well™ LPV	1-11 ft	60 W	LPV-60-24	
		Plug-In Power Supplies	1-4 ft	24 W	24V-WMPS2-1
	5-10 ft		60 W	24V-DPS2-2.5	
	11-16 ft		96 W	24V-DPS2-4	
	17-20 ft		120 W	24V-DPS2-5	
	Dimmable	Zurik® Universal	1-5 ft	30 W	ZRK-UNV-30W-24VDC
			6-11 ft	60 W	ZRK-UNV-60W-24VDC
12-18 ft			96 W	ZRK-UNV-96W-24VDC	
19-23 ft			120 W	ZRK-UNV-120W-24VDC	
24-39 ft			200 W	ZRK-UNV-200W-24VDC	
40-58 ft			300 W	ZRK-UNV-300W-24VDC	
1-36 ft up to 18 ft per output			192 W (2*96 W)	ZRK-UNV-C192W-24VDC	
32-72 ft up to 18 ft per output			384 W (4*96 W)	ZRK-UNV-C384W-24VDC	
Lutron® Hi-Lume	1-18 ft	96 W	L3D0-96W24V-U		

Industrial™ Series

6.6 W/ft

Single Color Output Lights

Power Supply		12V			24V			
Non-dimmable	Mean Well™ HLG	Length	Watts	SKU	Length	Watts	SKU	
		1-8 ft	60 W	HLG-80H-12A	1-8 ft	60 W	HLG-60H-24A	
		9-16 ft	120 W	HLG-120H-12A	9-13 ft	96 W	HLG-100H-24A	
		17-36 ft	265 W	HLG-320H-12A	14-25 ft	185 W	HLG-185H-24A	
					26-43 ft	320 W	HLG-320H-24A	
					44-81 ft	600 W	HLG-600H-24A	
		Mean Well™ LPV			1-7 ft	60 W	LPV-60-24	
	Dimmable	Plug-In Power Supplies	1 ft	12 W	12V-WMPS-1	1-2 ft	24 W	24V-WMPS-1
			1-2 ft	24 W	12V-DPS-2	3-7 ft	60 W	24V-DPS-2.5
			3-5 ft	48 W	12V-DPS-4	8-11 ft	96 W	24V-DPS-4
6-8 ft			72 W	12V-DPS-6	12-14 ft	120 W	24V-DPS-5	
9-11 ft			96 W	12V-DPS-8				
Zurik® Universal			1-4 ft	30 W	ZRK-UNV-30W-12VDC	1-4 ft	30 W	ZRK-UNV-30W-24VDC
			5-8 ft	60 W	ZRK-UNV-60W-12VDC	5-8 ft	60 W	ZRK-UNV-60W-24VDC
	9-16 ft	120 W	ZRK-UNV-120W-12VDC	9-13 ft	96 W	ZRK-UNV-96W-24VDC		
	17-27 ft	200 W	ZRK-UNV-200W-12VDC	14-16 ft	120 W	ZRK-UNV-120W-24VDC		
	28-40 ft	300 W	ZRK-UNV-300W-12VDC	17-27 ft	200 W	ZRK-UNV-200W-24VDC		
	1-24 ft up to 8 ft per channel	180 W (3*60 W)	ZRK-UNV-C180W-12VDC	28-40 ft	300 W	ZRK-UNV-300W-24VDC		
	25-40 ft up to 8 ft per channel	300 W (5*60 W)	ZRK-UNV-C300W-12VDC	1-26 ft up to 13 ft per channel	192 W (2*96 W)	ZRK-UNV-C192W-24VDC		
				27-52 ft up to 13 ft per channel	384 W (4*96 W)	ZRK-UNV-C384W-24VDC		
	Lutron® Hi-Lume			1-13 ft	96 W	L3D0-96W24V-U		

Render™ Series

6.6 W/ft

Single Color Output Lights

Power Supply		24V			
Non-dimmable	Mean Well™ HLG	Length	Watts	SKU	
		1-8 ft	60 W	HLG-60H-24A	
		9-13 ft	96 W	HLG-100H-24A	
		14-25 ft	185 W	HLG-185H-24A	
		26-43 ft	320 W	HLG-320H-24A	
	44-81 ft	600 W	HLG-600H-24A		
	Mean Well™ LPV	1-7 ft	60 W	LPV-60-24	
	Plug-In Power Supplies	1-2 ft	24 W	24V-WMPS2-1	
		3-7 ft	60 W	24V-DPS2-2.5	
		8-11 ft	96 W	24V-DPS2-4	
		12-14 ft	120 W	24V-DPS2-5	
	Dimmable	Zurik® Universal	1-4 ft	30 W	ZRK-UNV-30W-24VDC
			5-8 ft	60 W	ZRK-UNV-60W-24VDC
			9-13 ft	96 W	ZRK-UNV-96W-24VDC
			14-16 ft	120 W	ZRK-UNV-120W-24VDC
17-27 ft			200 W	ZRK-UNV-200W-24VDC	
28-40 ft			300 W	ZRK-UNV-300W-24VDC	
1-26 ft up to 13 ft per output		192 W (2*96 W)	ZRK-UNV-C192W-24VDC		
27-52 ft up to 13 ft per output		384 W (4*96 W)	ZRK-UNV-C384W-24VDC		
Lutron® Hi-Lume		1-13 ft	96 W	L3D0-96W24V-U	

Valor™ Series

7.3 W/ft

Single Color Output Lights

Power Supply		24V			
Non-dimmable	Mean Well™ HLG	Length	Watts	SKU	
		1-7 ft	60 W	HLG-60H-24A	
		8-11 ft	96 W	HLG-100H-24A	
		12-22 ft	185 W	HLG-185H-24A	
		23-39 ft	320 W	HLG-320H-24A	
	40-73 ft	600 W	HLG-600H-24A		
	Mean Well™ LPV	1-6 ft	60 W	LPV-60-24	
	Plug-In Power Supplies	1-2 ft	24 W	24V-WMPS2-1	
		3-6 ft	60 W	24V-DPS2-2.5	
		7-10 ft	96 W	24V-DPS2-4	
		11-13 ft	120 W	24V-DPS2-5	
	Dimmable	Zurik® Universal	1-3 ft	30 W	ZRK-UNV-30W-24VDC
			4-7 ft	60 W	ZRK-UNV-60W-24VDC
			8-11 ft	96 W	ZRK-UNV-96W-24VDC
			12-14 ft	120 W	ZRK-UNV-120W-24VDC
15-24 ft			200 W	ZRK-UNV-200W-24VDC	
25-36 ft			300 W	ZRK-UNV-300W-24VDC	
1-22 ft up to 11 ft per output		192 W (2*96 W)	ZRK-UNV-C192W-24VDC		
23-44 ft up to 11 ft per output		384 W (4*96 W)	ZRK-UNV-C384W-24VDC		
Lutron® Hi-Lume		1-11 ft	96 W	L3D0-96W24V-U	

Vivid™ Color Series

2.9 W/ft

Single Color Output Lights

Power Supply		12V		
Non-dimmable	Mean Well™ HLG	Length	Watts	SKU
		1-18 ft	60 W	HLG-80H-12A
		19-37 ft	120 W	HLG-120H-12A
		38-82 ft	265 W	HLG-320H-12A
	Plug-In Power Supplies	1-3 ft	12 W	12V-WMPS-1
		4-13 ft	48 W	12V-DPS-4
		14-19 ft	72 W	12V-DPS2-6
		20-26 ft	96 W	12V-DPS2-8

Sienna™ Dim-to-Warm Series

3.4 W/ft

Dynamic Tunable Output Light

Power Supply		24V		
Non-dimmable	Mean Well™ HLG	Length	Watts	SKU
		1-15 ft	60 W	HLG-60H-24A
		16-25 ft	96 W	HLG-100H-24A
		26-48 ft	185 W	HLG-185H-24A
		49-84 ft	320 W	HLG-320H-24A
	85-158 ft	600 W	HLG-600H-24A	
	Mean Well™ LPV	1-15 ft	60 W	LPV-60-24
	Plug-In Power Supplies	1-5 ft	24 W	24V-WMPS2-1
		6-14 ft	60 W	24V-DPS2-2.5
		15-22 ft	96 W	24V-DPS2-4
		23-28 ft	120 W	24V-DPS2-5

Accent™ Dynamic Series

3.5 W/ft

Dynamic Tunable Output Light

Power Supply		24V		
Non-dimmable	Mean Well™ HLG	Length	Watts	SKU
		1-15 ft	60 W	HLG-60H-24A
		16-24 ft	96 W	HLG-100H-24A
		25-47 ft	185 W	HLG-185H-24A
		48-82 ft	320 W	HLG-320H-24A
	83-154 ft	600 W	HLG-600H-24A	
	Mean Well™ LPV	1-14 ft	60 W	LPV-60-24
	Plug-In Power Supplies	1-5 ft	24 W	24V-WMPS2-1
		6-13 ft	60 W	24V-DPS2-2.5
		14-21 ft	96 W	24V-DPS2-4
		22-27 ft	120 W	24V-DPS2-5

Architectural™ Dynamic Series

4.6 W/ft

Dynamic Tunable Output Light

Power Supply		24V		
Non-dimmable	Mean Well™ HLG	Length	Watts	SKU
		1-11 ft	60 W	HLG-60H-24A
		12-18 ft	96 W	HLG-100H-24A
		19-36 ft	185 W	HLG-185H-24A
		37-62 ft	320 W	HLG-320H-24A
		63-117 ft	600 W	HLG-600H-24A
	Mean Well™ LPV	1-11 ft	60 W	LPV-60-24
	Plug-In Power Supplies	1-4 ft	24 W	24V-WMPS2-1
		5-10 ft	60 W	24V-DPS2-2.5
		11-16 ft	96 W	24V-DPS2-4
		17-20 ft	120 W	24V-DPS2-5

RGB 150 Series

2.2 W/ft

Color Changing Output Lights

Power Supply		24V		
Non-dimmable	Mean Well™ HLG	Length	Watts	SKU
		1-24 ft	60 W	HLG-60H-24A
		25-39 ft	96 W	HLG-100H-24A
		40-75 ft	185 W	HLG-185H-24A
		76-130 ft	320 W	HLG-320H-24A
		131-245 ft	600 W	HLG-600H-24A
	Mean Well™ LPV	1-23 ft	60 W	LPV-60-24
	Plug-In Power Supplies	1-8 ft	24 W	24V-WMPS2-1
		9-21 ft	60 W	24V-DPS2-2.5
		22-34 ft	96 W	24V-DPS2-4
		35-43 ft	120 W	24V-DPS2-5

RGB 300 Series

4.4 W/ft

Color Changing Output Lights

Power Supply		12V			24V		
Non-dimmable	Mean Well™ HLG	Length	Watts	SKU	Length	Watts	SKU
		1-12 ft	60 W	HLG-80H-12A	1-12 ft	60 W	HLG-60H-24A
		13-24 ft	120 W	HLG-120H-12A	13-19 ft	96 W	HLG-100H-24A
		25-54 ft	265 W	HLG-320H-12A	20-37 ft	185 W	HLG-185H-24A
					38-65 ft	320 W	HLG-320H-24A
				66-122 ft	600 W	HLG-600H-24A	
	Mean Well™ HLG				1-11 ft	60 W	LPV-60-24
	Plug-In Power Supplies	1-2 ft	12 W	12V-WMPS-1	1-4 ft	24 W	24V-WMPS2-1
		3-8 ft	48 W	12V-DPS-4	5-10 ft	60 W	24V-DPS2-2.5
		9-13 ft	72 W	12V-DPS2-6	11-17 ft	96 W	24V-DPS2-4
14-17 ft		96 W	12V-DPS2-8	18-21 ft	120 W	24V-DPS2-5	

RGB 600 Series

6.1 W/ft

Color Changing Output Lights

Power Supply		24V		
Non-dimmable	Mean Well™ HLG	Length	Watts	SKU
		1-8 ft	60 W	HLG-60H-24A
		9-14 ft	96 W	HLG-100H-24A
		15-27 ft	185 W	HLG-185H-24A
		28-47 ft	320 W	HLG-320H-24A
	48-88 ft	600 W	HLG-600H-24A	
	Mean Well™ LPV	1-8 ft	60 W	LPV-60-24
	Plug-In Power Supplies	1-3 ft	24 W	24V-WMPS2-1
		4-7 ft	60 W	24V-DPS2-2.5
		8-12 ft	96 W	24V-DPS2-4
		13-15 ft	120 W	24V-DPS2-5

RGB + Tunable White Series

5.5 W/ft

Color Changing Output Lights

Power Supply		24V		
Non-dimmable	Mean Well™ HLG	Length	Watts	SKU
		1-9 ft	60 W	HLG-60H-24A
		10-15 ft	96 W	HLG-100H-24A
		16-30 ft	185 W	HLG-185H-24A
		31-52 ft	320 W	HLG-320H-24A
	53-98 ft	600 W	HLG-600H-24A	
	Mean Well™ LPV	1-9 ft	60 W	LPV-60-24
	Plug-In Power Supplies	1-3 ft	24 W	24V-WMPS2-1
		4-8 ft	60 W	24V-DPS2-2.5
		9-13 ft	96 W	24V-DPS2-4
		14-17 ft	120 W	24V-DPS2-5

RGBW Series

5.8 W/ft

Color Changing Output Lights

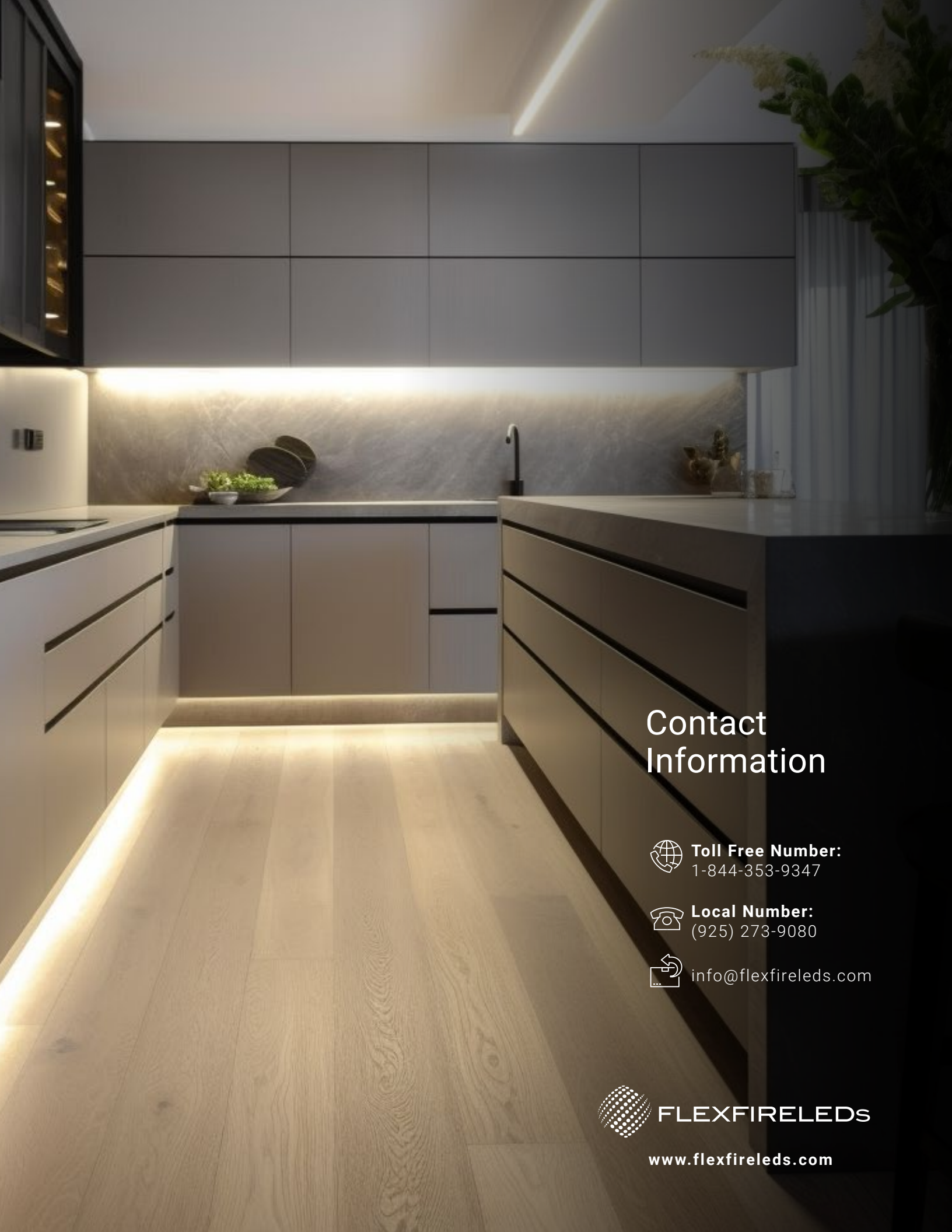
Power Supply		24V		
Non-dimmable	Mean Well™ HLG	Length	Watts	SKU
		1-9 ft	60 W	HLG-60H-24A
		10-14 ft	96 W	HLG-100H-24A
		15-28 ft	185 W	HLG-185H-24A
		29-49 ft	320 W	HLG-320H-24A
		50-93 ft	600 W	HLG-600H-24A
	Mean Well™ LPV	1-8 ft	60 W	LPV-60-24
	Plug-In Power Supplies	1-3 ft	24 W	24V-WMPS2-1
		4-8 ft	60 W	24V-DPS2-2.5
		9-13 ft	96 W	24V-DPS2-4
		14-16 ft	120 W	24V-DPS2-5

RGB Digital Pixel Series

3.65 W/ft

Color Changing Output Lights

Power Supply		24V		
Non-dimmable	Mean Well™ HLG	Length	Watts	SKU
		1-14 ft	60 W	HLG-60H-24A
		15-23 ft	96 W	HLG-100H-24A
		24-45 ft	185 W	HLG-185H-24A
		46-78 ft	320 W	HLG-320H-24A
	79-147 ft	600 W	HLG-600H-24A	
	Mean Well™ LPV	1-13 ft	60 W	LPV-60-24
	Plug-In Power Supplies	1-5 ft	24 W	24V-WMPS2-1
		6-13 ft	60 W	24V-DPS2-2.5
		14-21 ft	96 W	24V-DPS2-4
		22-26 ft	120 W	24V-DPS2-5



Contact Information



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FLEXFIRELEDs

www.flexfireleds.com