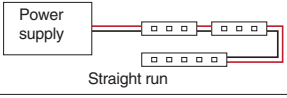
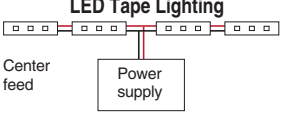


Maximum Tape Lengths for Straight Layouts (at full brightness)										
LED Tape Lighting 	LEDs/m	Standard 12V DC Power Supply					AC-Dimmable 12V DC Power Supply*			
		12W	24W	36W	60W	100W	24W	45W	60W	120W
White <i>Note: our 120 LEDs/m tape lighting is for indoor use only.</i>	30	8' (2.4m)	21' (6.4m)	32.8' (10m)	32.8' (10m)	32.8' (10m)	32.8' (10m)	32.8' (10m)	32.8' (10m)	32.8' (10m)
	60	4' (1.2m)	8.2' (2.5m)	16.4' (5m)	16.4' (5m)	16.4' (5m)	12' (3.7m)	16.4' (5m)	16.4' (5m)	16.4' (5m)
	120	2' (0.6m)	4.5' (1.4m)	7.6' (2.3m)	16.4' (5m)	16.4' (5m)	5.5' (1.7m)	13' (4m)	16.4' (5m)	16.4' (5m)
Color-Controlled <i>Note: our 60 LEDs/m tape lighting is for indoor use only.</i>	30	4' (1.2m)	9' (2.8m)	16.4' (5m)	32.8' (10m)	32.8' (10m)	* Not for use with color-controlled lighting.			
	60	2' (0.6m)	4.4' (1.3m)	7' (2.1m)	16.4' (5m)	16.4' (5m)				
GroFlex	60	2.5' (0.75m)	8.2' (2.5m)	8.2' (2.5m)	8.2' (2.5m)	8.2' (2.5m)				

Maximum Tape Lengths for Center-Feed or Loop-Back Layouts (at full brightness)										
LED Tape Lighting 	LEDs/m	Standard 12V DC Power Supply					AC-Dimmable 12V DC Power Supply*			
		12W	24W	36W	60W	100W	24W	45W	60W	120W
White <i>Note: our 120 LEDs/m tape lighting is for indoor use only.</i>	30		16' (4.9m)	26' (8m)	65.6' (20m)	65.6' (20m)	19.6' (6m)	59' (18m)	65.6' (20m)	65.6' (20m)
	60		7' (2.1m)	12' (3.7m)	32.8' (10m)	32.8' (10m)	9' (2.8m)	19.6' (6m)	32.8' (10m)	32.8' (10m)
	120			6.6' (2m)	15.2' (4.6m)	32.8' (10m)	5' (1.5m)	10' (3m)	15' (4.6m)	32.8' (10m)
Color-Controlled <i>Note: our 60 LEDs/m tape lighting is for indoor use only.</i>	30		8.2' (2.5m)	15' (4.6m)	32.8' (10m)	65.6' (20m)	* Not for use with color-controlled lighting.			
	60				14' (4.25m)	26' (8m)				
GroFlex	60		6.5' (1.9m)	13' (4m)	16.4' (5m)	16.4' (5m)				

Maximum Wattage for Array Layouts (at full brightness)												
Standard 12V DC Power Supply						AC-Dimmable 12V DC Power Supply (not for use with color-controlled lighting)						
12W	24W	36W	60W	100W		24W	45W	60W	120W			
<p>In an array configuration, each leg is wired as a straight layout. Determine the wattage required for each leg, based on its length, and add them together to determine the total power needed. Select a power supply that equals or exceeds that total wattage. Do not create a leg longer than the maximum shown in the last column.*</p> <p>If your project requires a length of tape lighting longer than the maximum, use an array of multiple shorter segments to achieve that result.</p>												
LED Tape Lighting	Example:	Leg 1 is 6' of 30 LEDs = 8W					Total wattage = 26W					
		Leg 2 is 12' of 30 LEDs = 14W					Choose a 36W standard or 45W AC-dimmable power supply.					
White <i>Note: our 120 LEDs/m tape lighting is for indoor use only.</i>	30 LEDs	Length	3.3' (1m)	6.6' (2m)	9.8' (3m)	13' (4m)	16.4' (5m)	19.7' (6m)	26.2' (8m)	32.8' (10m)		
	/m	Watts	4.5	8.5	12	15	17	19	22	23		
60 LEDs	Length	1.6' (0.5m)	3.3' (1m)	4.9' (1.5m)	6.6' (2m)	8.2' (2.5m)	9.8' (3m)	13' (4m)	16.4' (5m)			
	/m	Watts	5	9	13	16	19	22	25	28		
120 LEDs	Length	1.6' (0.5m)	3.3' (1m)	4.9' (1.5m)	6.6' (2m)	8.2' (2.5m)	9.8' (3m)	11.5' (3.5m)	13' (4m)	14.8' (4.5m)	16.4' (5m)	
	/m	Watts	8	15	21	27	32	36	40	43	46	48
Color-Controlled <i>Note: our 60 LEDs/m tape lighting is for indoor use only.</i>	30 LEDs	Length	1.6' (0.5m)	3.3' (1m)	6.6' (2m)	9.8' (3m)	13' (4m)	16.4' (5m)	19.7' (6m)	23' (7m)	26.2' (8m)	*32.8' (10m)
	/m	Watts	4	8	15	21	25	29	32	35	38	40
60 LEDs	Length	1.6' (0.5m)	3.3' (1m)	4.9' (1.5m)	6.6' (2m)	8.2' (2.5m)	9.8' (3m)	11.5' (3.5m)	13' (4m)	14.8' (4.5m)	*16.4' (5m)	
	/m	Watts	8	15	22	28	33	37	41	44	46	48
GroFlex	60 LEDs	Length	1.6' (0.5m)	3.3' (1m)	4.9' (1.5m)	6.6' (2m)	8.2' (2.5m)					
	/m	Watts	5.5	9.1	12.7	14.5	16.8					

An **array** layout powers several separate legs of tape light that branch off from the power supply. This configuration makes the best use of the capacity of the larger power supplies so is a good choice for large installations and long lengths of tape light.

