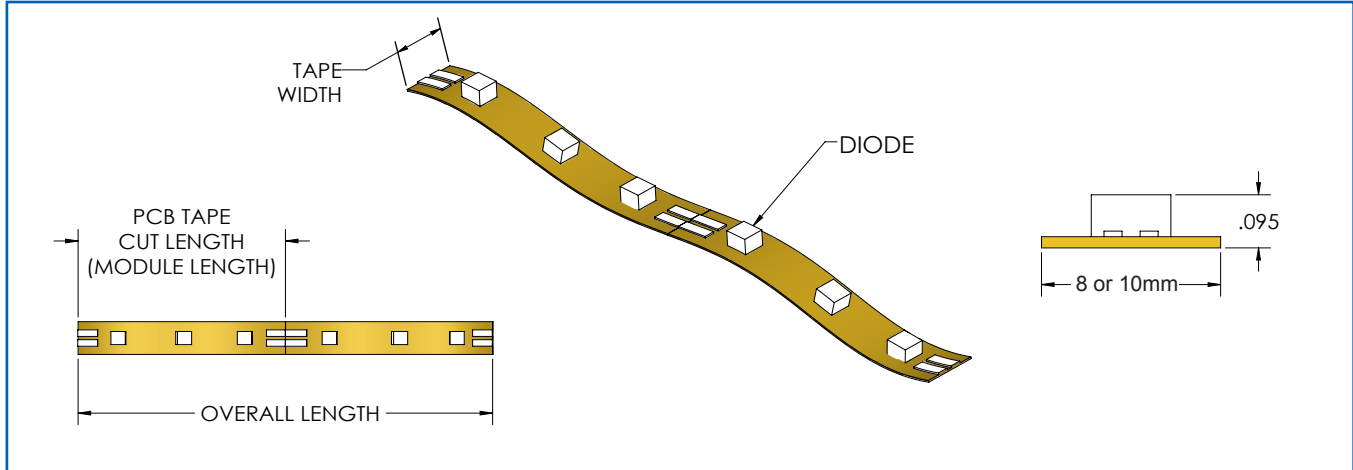


FLEX LED STRIP



DRAWINGS



SPECIFICATIONS

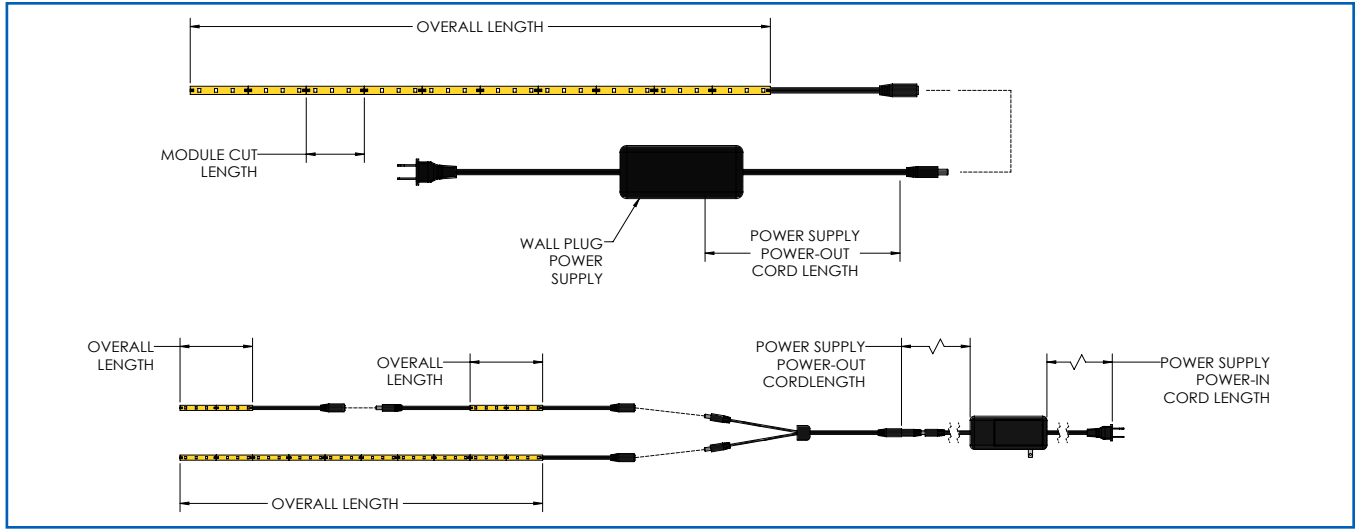
LED Chip Size	2835 (20ma)		2835 (60ma)		3528 (20ma)		5050 (60ma)	
	18/ft	36/ft	18/ft	36/ft	18/ft	36/ft	9/ft	18/ft
LEDs / Ft	18/ft	36/ft	18/ft	36/ft	18/ft	36/ft	9/ft	18/ft
Wattage/Ft (W)	1.45 W/ft	2.9 W/ft	4.4 W/ft	8.8 W/ft	1.45 W/ft	2.9 W/ft	2.18 W/ft	4.36 W/ft
Lumens / Ft (lm)	138lm	276lm	396lm	792lm	119lm	238lm	179lm	356lm
Diode Efficacy (lm/W)	95 lm/W	95 lm/W	90 lm/W	90 lm/W	82 lm/W	82 lm/W	82 lm/W	82 lm/W
Max Run (Ft)	16.4'	16.4'	16.4'	16.4'	16.4'	16.4'	16.4'	16.4'
Min Run (Inch)	1.96"	0.98"	1.96"	0.98"	1.96"	0.98"	3.94"	1.96"
PCB Tape Cut Length (3 LEDs)	1.96"	0.98"	1.96"	0.98"	1.96"	0.98"	3.94"	1.96"
Circuit Board Width (mm)	8mm	8mm	8mm	8mm	8mm	8mm	10mm	10mm
PCB Tape & Circuit Material	.02" FPCB, Copper Circuit							
Color Temps (K)	3000K, 4000K, 5000K, & 6000K							
Operating Temp	-30°C to 85°C							
Lamp Life (L70@45°C)	60,000 hrs							
Beam Angle	120°							
LED Voltage	12VDC							
Mounting Method	PSA, Non-Conductive Film, None							
Wiring Specs	22ga (AWM 2468x2C, AWM 2464x2C), 18ga (SPT-1x2C)							
Environment	Indoor, Dry							
Certifications	UL							
Warranty	3 Year							

FEATURES

- Adhesive-backed PCB for easy installation
- Conveniently small dims 5/16" W x 3/32" H
- Custom lengths available
- Waterproof and directional available
- Multiple colors available (Red, Green, Blue)
- Available in 3000K, 4000K, 5000K, & 6000K
- Extremely high and even light output
- Up to 60,000 hrs usable life
- Linear runs up to 16'
- Connecting cables available for daisy chain
- UL approved

ORDERING INFORMATION

LF	3	-	024	-	11	W	4	-	M	006	-	F	006	-	00
Model	Board Width		Overall Length (Inches)		LED/FT	Color	Temp (Kelvin)		Power-IN Connector	Cord Length		Power-OUT Connector	Cord Length		Variations
LF=Flex LED Strip	3=8mm & 10mm 4=Directional 5=Bi-directional		024=24"		11 = 18/ft, 3528 Chip, 12v 12 = 18/ft, 5050 Chip, 12v 21 = 18/ft, 2835 Chip, 12v 22 = 36/ft, 2835 Chip, 12v 24 = 9/ft, 5050 Chip, 12v 27 = 36/ft, 3528 Chip, 12v	W=White B=Blue G=Green R=Red Y=Yellow Z=RGB	1=3000 2=3500 3=4100 4=6400 5=5600 50=5000		M=Male	006=6"		F=Female	006=6"		00=None
Example: LF3-024-11W4-M006-F006-00															



ORDERING INFORMATION

PS	L	-	0250	-	M	072	-	F	072	-	000
Model	Body Style		Output Amps		Power-In Connector	Power-In Cord Length		Power-Out Connector	Power-Out Cord Length		Variations
PS= Constant Voltage Power Supply	L=Inline 12V P=Wall Plug 12V L24=Inline 24V P24=Wall 24V		0100=1.00 0250=2.50 0500=5.00 0700=7.00 1000=10.00		M=Male F=Female	072=72"		M=Male F=Female	072=72"		000=none

SIZING CHART

- Combine Linear Feet of all LED strips. (48" + 48" = 96", then 96"/12 = 8 Linear Feet of LEDs)
- Multiply Linear Feet x LED/Ft to get # of LEDs. (8 Ft x 18/Ft = 144 LEDs)
- Multiply # of LEDs x VF to get Total Amps. (144 LEDs x .0067 = 0.96 Total Amps)
- Choose appropriate Power Supply Based on Total Amps.
(I.E. - If Total Amps = 0.96, then choose 1.0 Amp Power Supply)
(Calculated amps should not exceed Power Supply Amps)

VF=Voltage Factor
0.0200 for 5050 chip 12V
0.0067 for 3528 chip 12V

LED-CC-036-MF	PS-1M00-2F06-000	PS-1M05-3F06-000	PS-1M05-4F06-000	LED-CC-GENBEND
DC Connector Cord, 36" Overall Length, Incoming 2.1mm Straight Male, 2464 Round Cord Type, Outgoing 2.1mm Straight Female	DC Y Connector, 6" Overall Length, (1) Incoming 2.1mm Male, (2) Outgoing 2.1mm Female	DC Y Connector, 11" Overall Length, (1) Incoming 2.1mm Male, (3) Outgoing 2.1mm Female	DC Y Connector, 11" Overall Length, (1) Incoming 2.1mm Male, (4) Outgoing 2.1mm Female	DC Male Gender Bender

FLEX LED STRIP