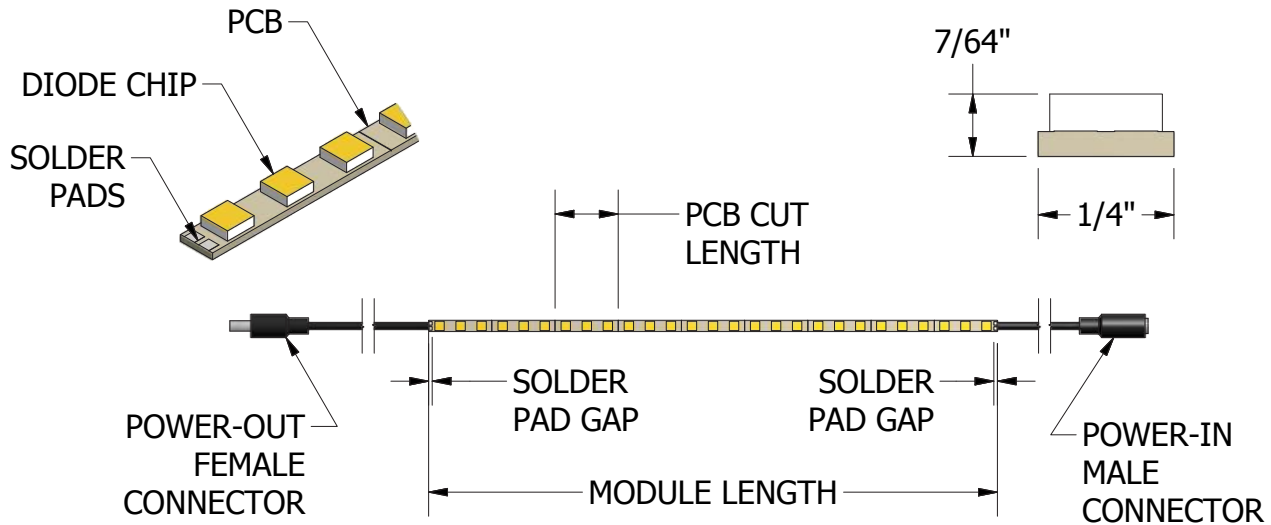


235 RIGID LED STRIP



FEATURES

- Adhesive-backed PCB for easy installation
- Conveniently small dims 1/4"W x 7/64"H
- Custom lengths available
- Waterproof available
- Multiple colors available (Red, Green, Blue)
- Available in 3500K, 4100K, 5600K, & 6400K
- Extremely high and even light output
- Up to 60,000 hrs useable life
- Linear runs up to 16'
- Connecting cables available for daisy chain
- UL approved

SPECIFICATIONS

LED Chip Size	5050		5630	
	LEDs / Ft	27	30	27
Wattage / Ft (W)	6.5	7.2	6.5	7.2
Lumens / Ft (lm)	419	465	540	600
Diode Efficacy (lm/W)	85	85	83	83
Max Run (Ft)	16'	16'	8'	8'
Min Run (Inch)	3"	3"	3"	3"
PCB Cut Length (3 LEDs)	1.31"	1.31"	1.33"	1.2"
Solder Pad Gap (Inch)	None	None	None	None
Module Length	11.82"	11.82"	12.0"	12.0"
PCB & Circuit Material	.04" FR4, Copper Circuit			

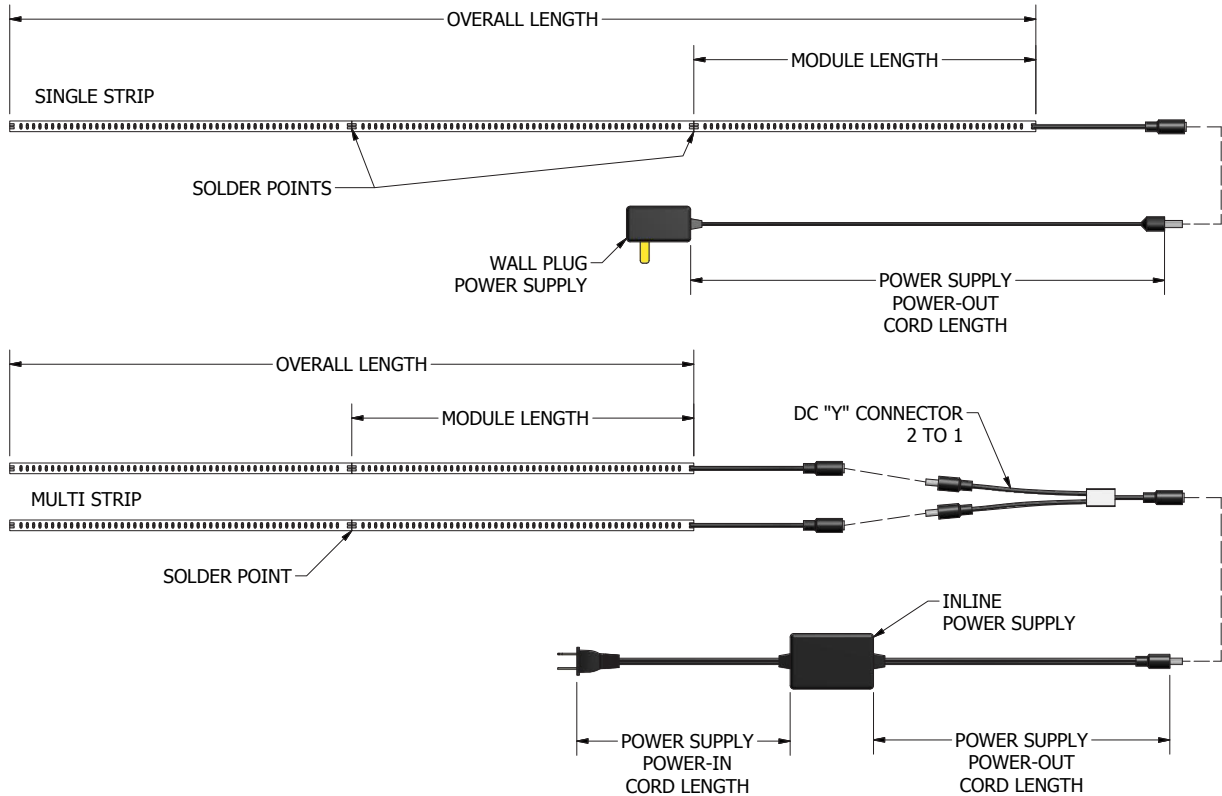
Module Dims (W x Height)	.235" x 0.108"
Color Temps (K)	3500K, 4100K, 5600K, & 6400K
Operating Temp	-30°C to 85°C
Lamp Life (L70@45°C)	60,000 hrs
Beam Angle	120°
LED Voltage	12VDC
Mounting Method	PSA, Non-Conductive Film, None
Wiring Specs	22ga (AWM 2468x2C, AWM 2464x2C), 18ga (SPT-1x2C)
Environment	Indoor, Dry
Certifications	UL
Warranty	3 Year

235 RIGID LED STRIP ORDERING INFORMATION


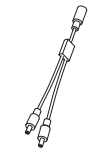
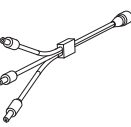
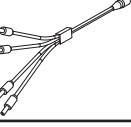

Model	Board Width	Overall Length (Inches)	LED/ FT	Color	Temp (Kelvin)	Power-In Connector Type	Power-In Cord Length	Power-Out Connector Type	Power-Out Cord Length	Variations
LR= Rigid LED Strip	2=.235" (6mm)	024=24"	06=27/FT - 5050 CHIP 07=30/FT - 5050 CHIP 14=27/FT - 5630 CHIP 17=30/FT - 5630 CHIP	W=White B=Blue G=Green R=Red Y=Yellow Z=RGB	1=3000 2=3500 3=4100 4=6400 5=5600 6=5000	M=Male	012=12"	F=Female	009=9"	00=None
Example: LR2-024-07W5-M012-F009-00										

235 RIGID LED STRIP

SAMPLE APPLICATION LAYOUTS



RELATED CONNECTOR CORDS

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

POWER SUPPLY 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

POWER SUPPLY SIZING CHART

- Combine Linear Feet of all LED strips.
(36" + 36" = 72", then 72"/12 = 6 Linear Feet of LEDs)
- Multiply Linear Feet x LED/Ft to get # of LEDs.
(6 Ft x 27/Ft = 162 LEDs)
- Multiply # of LEDs x VF to get Total Amps.
(162 LEDs x .0200 = 3.24 Total Amps)
- Choose appropriate Power Supply Based on Total Amps.
(I.E. - If Total Amps = 3.24, then choose 5.0 Amp Power Supply)
(Calculated amps should **not** exceed Power Supply Amps)

VF=Voltage Factor
0.020 for 5050/5630 chip, 12V