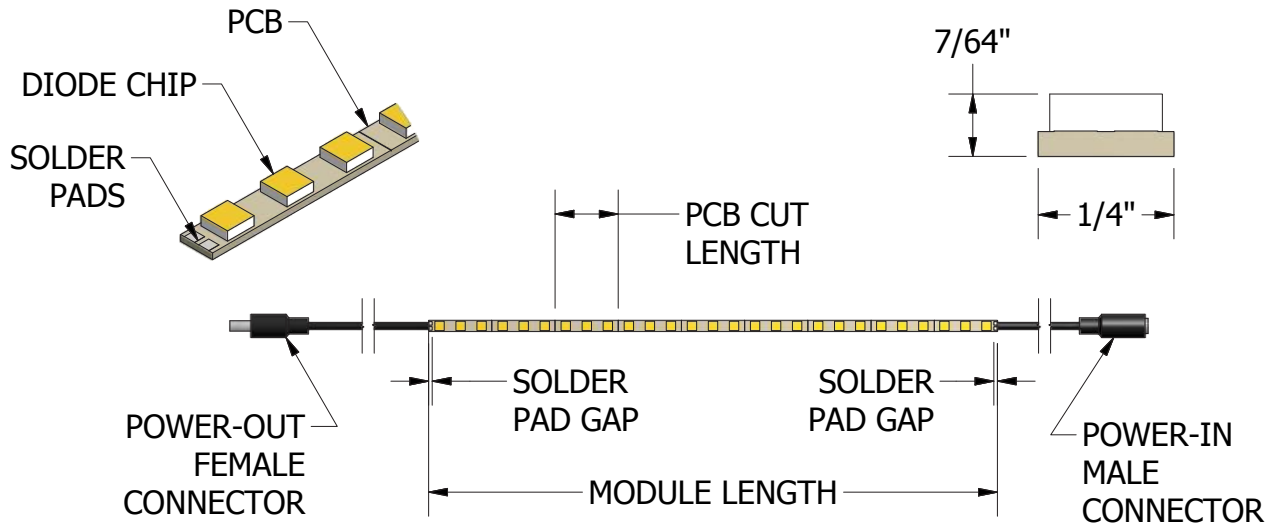


235 RIGID LED STRIP



FEATURES

- Adhesive-backed PCB for easy installation
- Conveniently small dims 1/4"W x 7/64"H
- Custom lengths available
- Waterproof and directional 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

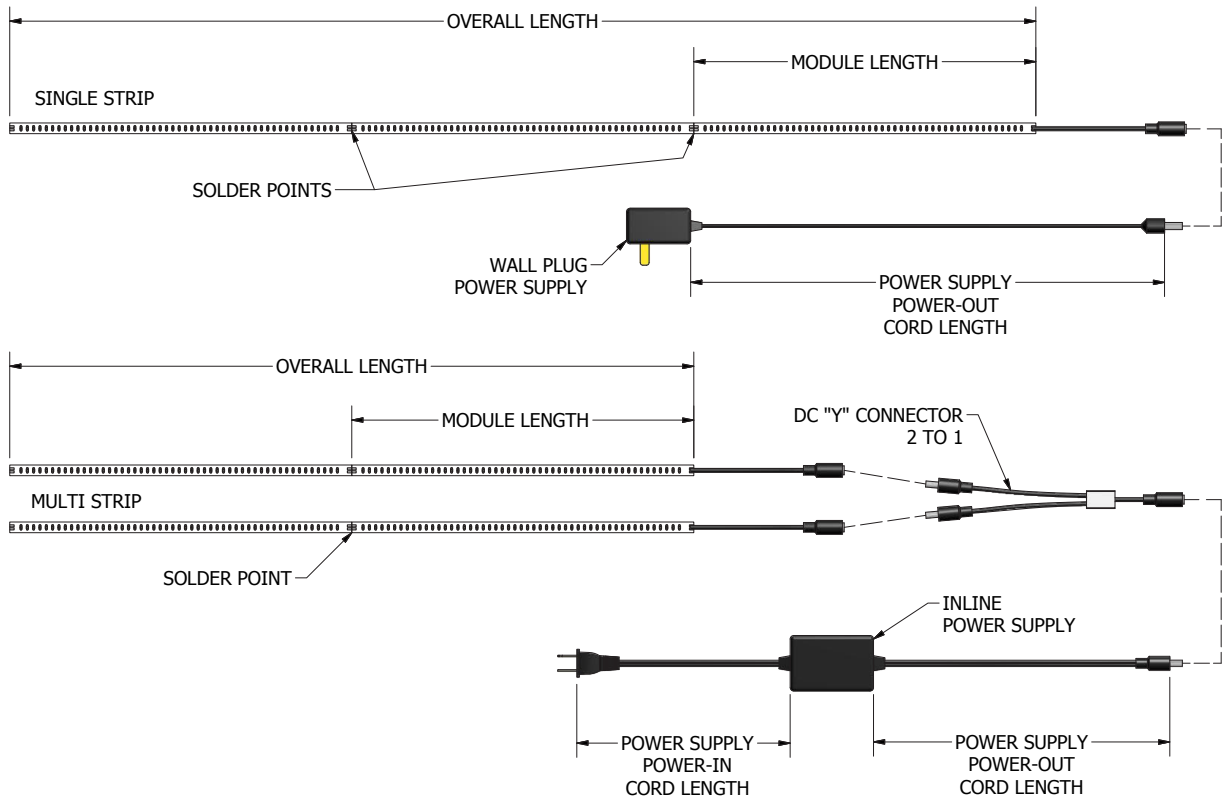
LED Chip Size	5050		Module Dims (W x Height)	.235" x 0.108"
LEDs / Ft	27	30	Color Temps (K)	3500K, 4100K, 5600K, & 6400K
Wattage / Ft (W)	6.5	7.2	Operating Temp	-30°C to 85°C
Lumens / Ft (lm)	419	465	Lamp Life (L70@45°C)	60,000 hrs
Diode Efficacy (lm/W)	85	85	Beam Angle	120°
Max Run (Ft)	16'	16'	LED Voltage	12VDC
Min Run (Inch)	3"	3"	Mounting Method	PSA, Non-Conductive Film, None
PCB Cut Length (3 LEDs)	1.31"	1.31"	Wiring Specs	22ga (AWM 2468x2C, AWM 2464x2C), 18ga (SPT-1x2C)
Solder Pad Gap (Inch)	None	None	Environment	Indoor, Dry
Module Length	11.82"		Certifications	UL
PCB & Circuit Material	.04" FR4, Copper Circuit		Warranty	3 Year

235 RIGID LED STRIP ORDERING INFORMATION

LR	N	- 024 -	07	W	5	- M	012 -	F	009 -	00
Model	Diode Orientation	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	N=Normal B=Bi-direction D=Single direction	024=24"	01=18/FT - 3020 CHIP 02=30/FT - 3020 CHIP 03=36/FT - 3020 CHIP 04=42/FT - 3020 CHIP 05=54/FT - 3020 CHIP 06=27/FT - 5050 CHIP 07=30/FT - 5050 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: LRN-024-07W5-M012-F009-00										

235 RIGID LED STRIP

SAMPLE APPLICATION LAYOUTS



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.
(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 0.0067 for 3020 chip 12V

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