

Installation Instructions



Dimmable

LED Under Cabinet Light Bar

LB-II-2-4"to96"-A2F Series 24VDC



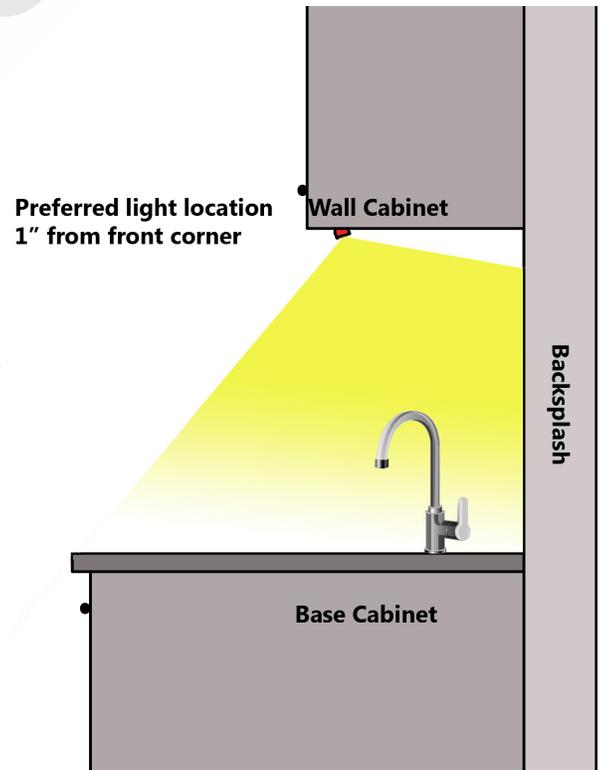
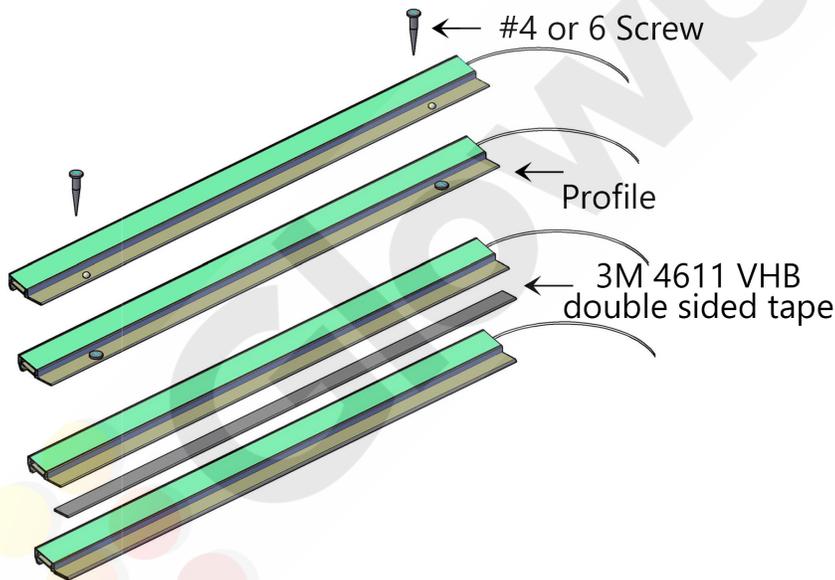
WARNING! Luminaire must be installed by a qualified electrician. Refer to local codes for proper installation. To prevent shock disconnect power before installation on service. Do not install in any potentially combustible environments such as an engine room. This is a low voltage device. Do not connect to regular 120V or 240V power.

Installation:

1. Install on straight surfaces. Use two screws for fixtures up to 48" long, and a minimum of three screws for fixtures between 48" and 96" to mount the fixtures to your desired surface.
2. Use plastic anchors if fastening to drywall or concrete surfaces.
3. You can also use 3M 4611 VHB 1/2" wide double sided tape to attach the LED Light Bar to metal or other solid surfaces.
4. Make sure the light fixture is properly secured before moving forward. Follow the wiring connection diagram on the following page. Secure all wire connections in a protected location to avoid damage.



Typical Kitchen Cabinet Installation:

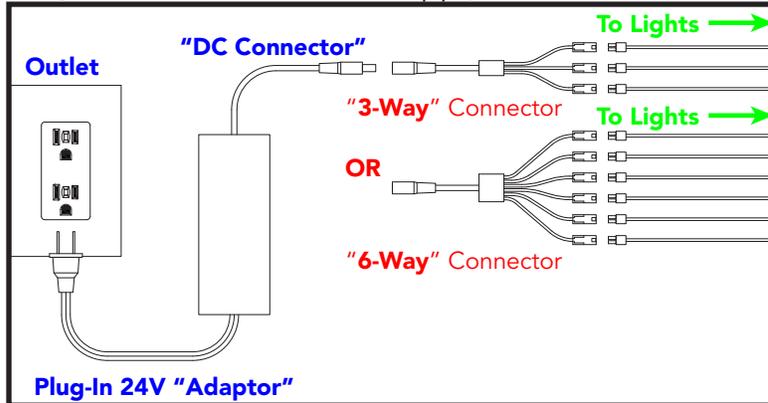


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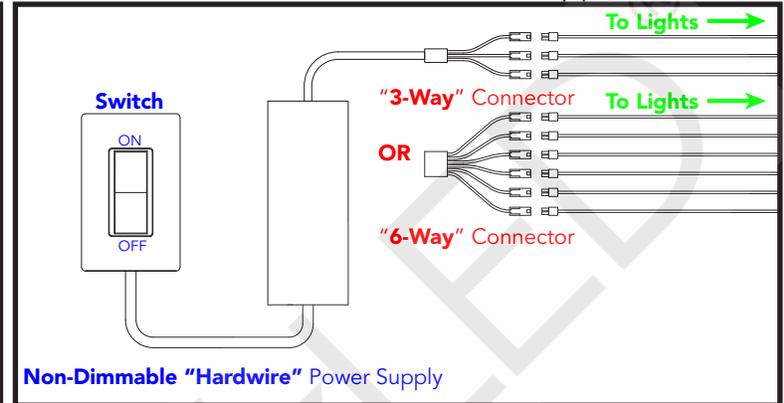


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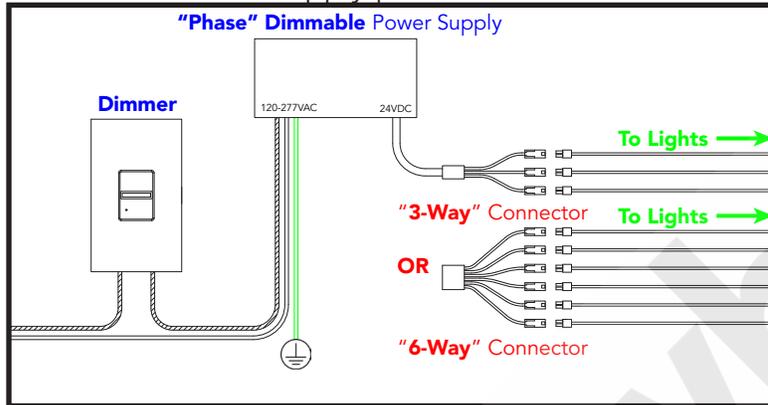
Plug-In "Adaptor" Power Supply



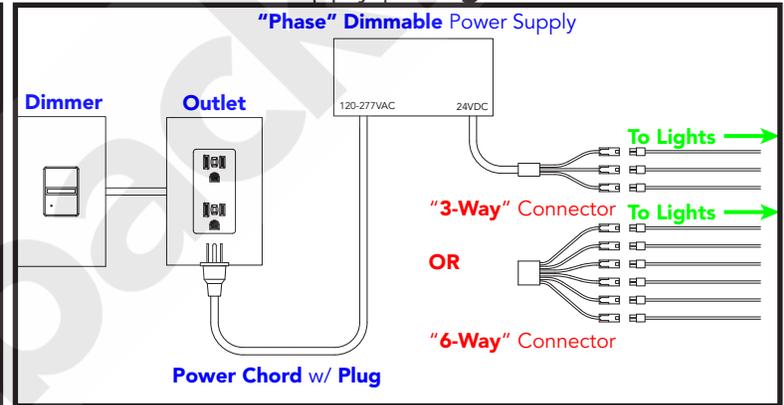
Non-Dimmable "Hardwire" Power Supply



Dimmable Power Supply | "Hardwired"



Dimmable Power Supply | "Plug-In"



Power Supply Operation Instructions:

- 1) If hardwiring, **shut power** using circuit breakers.
- 2) Connect LED Lights to power supplies using provided connectors. If hardwiring, use wire nuts, or other suitable wire to wire connectors. Check polarity if hardwiring (see Chart).
- 3) Apply Power to Power Supply, Check that all lighting is operational.
- 4) **If some or all lights do not turn on**, Troubleshoot lighting by double-checking polarity; verifying that power is being applied to the power-supply; and proper, firm connections where made at connection points.

Line-Voltage Wire Color Chart		
Standard Color	Alternate Color	"Type"
		"Hot"
		Neutral
		Ground

Low-Voltage Wire Color Chart		
Standard Color	Alternate Color	"Type"
		Positive (+)
		Negative (-)
		Dim + (0-10V Dim ONLY)
		Dim - (0-10V Dim ONLY)

Max Linear Feet | Cabinet Lighting

Power Supplies should be loaded no higher than 85% of the rated power supply wattage. Use the table below by adding the length of all of your linear lights.

Power Supply Wattage	MAX Linear Feet
24W Adaptor	1 - 7ft of Linear Cabinet Lights (3 Watts/ft)
30W Power Supply	1 - 8ft of Linear Cabinet Lights (3 Watts/ft)
60W Power Supply	4 - 17ft of Linear Cabinet Lights (3 Watts/ft)
96W Power Supply	8 - 27ft of Linear Cabinet Lights (3 Watts/ft)

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