

LED Lighting Accessories

Easily install and control lighting

A variety of connectors, power supplies, and lighting control options make Task Lighting & Power products easy to install and control lighting in various applications.

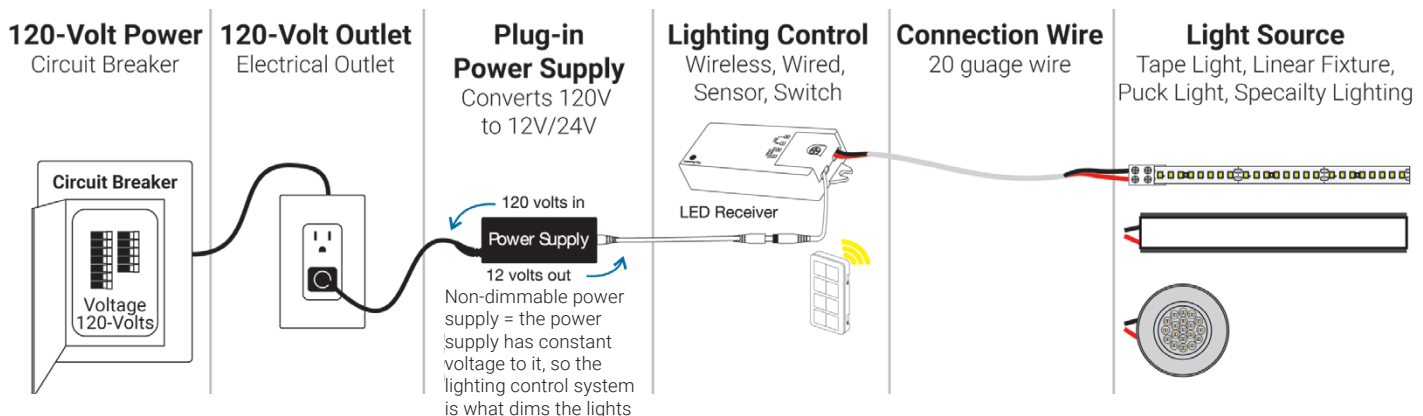


Selecting the Proper Power Supply

A power supply works to convert power from the wall or main electrical source down to a level that can work with the low voltage light source at hand, often 12-volt or 24-volt. When planning your project, consider how the wall power is set up. Most installations fall into one of 3 categories: outlet, junction box, or wall switch/dimmer. Follow the next page to see which power supply is best for your project.

Plug-in Power Supply using an outlet (dimming on low voltage side)

Best used for an easy plug-and-play installation; no electrician required. Compatible with wireless dimming system, switches, and sensors. Use with tunable-white, single-white, and multi-color RGB lighting systems.



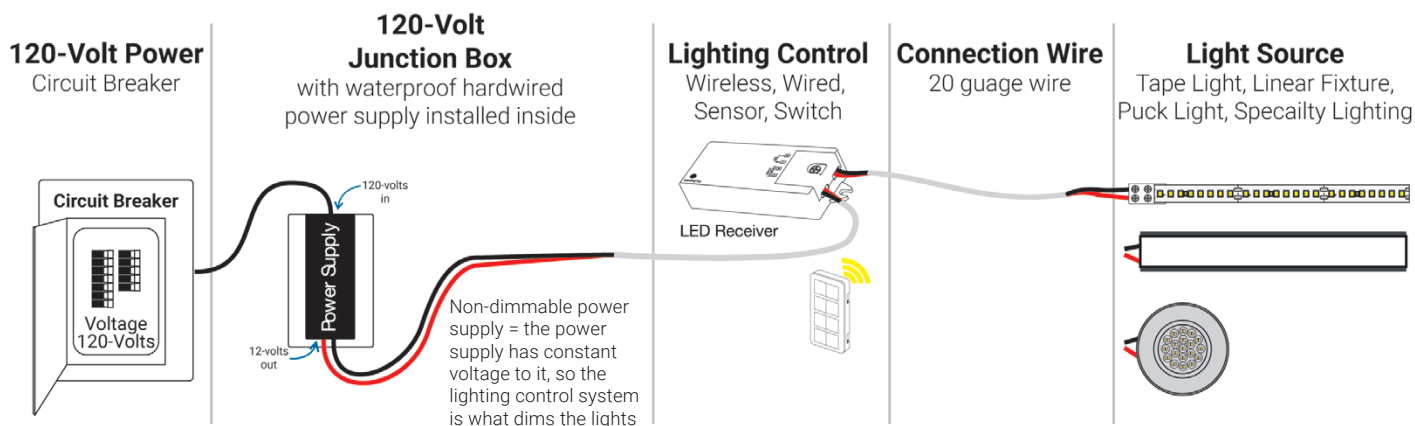


Selecting the Proper Power Supply

Hardwired Waterproof Power Supply using a junction box

(dimming on low voltage side)

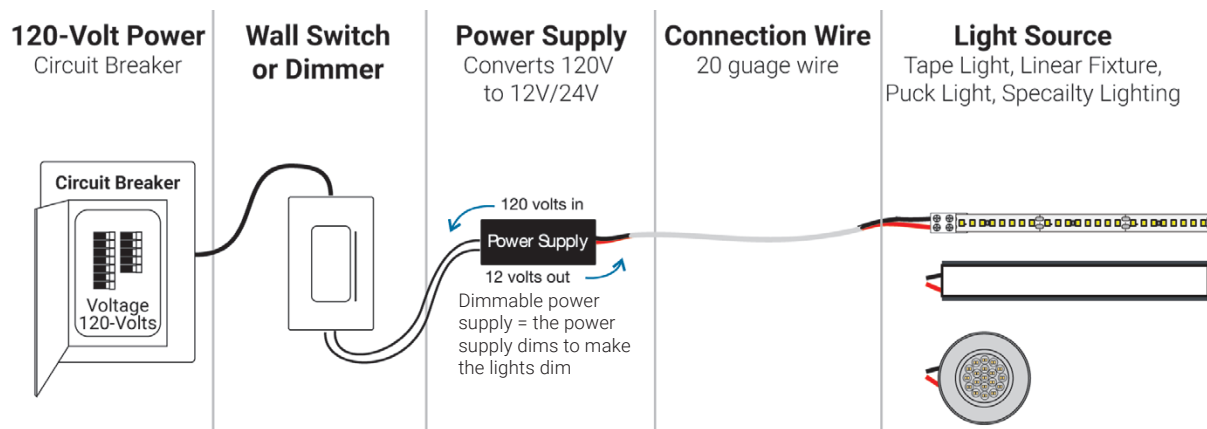
Best used for a hardwired power supply to use with wireless dimming system. Compatible with wireless dimming system, switches, and sensors. Use with tunable-white, single-white, and multi-color RGB lighting systems.



Hardwired Power Supply using a wall switch

(dimming on line voltage side)

Dimmable on 120V input side. Best for pairing with a wall switch/dimmer. Electrician recommended for installation. Compatible with wall switch/dimmer. Use with single-white lighting systems.



Determining the load size for power supplies

After selecting the type of power supply, determine the load size in total watts using the calculations below. Then select a power supply greater than that wattage requirement.

Load size (tape lighting) = total watts per foot X total combined feet

Load size (linear fixture/puck lights) = total watts per fixture X total number of fixtures

Example for figuring out load size:

1.5 watts per foot X 12 feet = 18 watts (recommended 24-watt power supply for this project)



Compatible Power Supply and Lighting Control Options

	Plug-In	Hardwired Waterproof	Hardwired	WAV Smart Receiver/ Power Supply	24-Volt with built-in receiver	350-Watt Industrial	LPS DV Series
WIRELESS CONTROLLERS							
One Zone Wireless Controller T-Q-1Z-WC-RF-Color	✓	✓		✓	✓	✓	
Two Zone Wireless Controller T-Q-2Z-WC-RF-Color	✓	✓		✓	✓	✓	
Four Zone Wireless Controller T-Q-4Z-WC-RF-Color	✓	✓		✓	✓	✓	
Multi-Color RGB Wireless Controller T-C-RGBWC-RF-Color	✓	✓		✓	✓	✓	
Tunable-White Wireless Controller T-T-1Z-WC-RF-Color	✓	✓		✓	✓	✓	
WIRED CONTROLLER							
Tunable-White Wired Controller T-TIL-96	✓	✓				✓	
SENSORS							
Motion Sensor Switch T-MSS-60W	✓	✓			✓	✓	
Doppler Motion Sensor Switch T-MSS-D-TS	✓	✓			✓	✓	
Door Sensor Switch T-DSS-30W-IR	✓	✓			✓	✓	
Dual-Head Door Sensor Switch T-2HDSS-30W-IR	✓	✓			✓	✓	
Proximity Switch T-PSS-60W-IR	✓	✓			✓	✓	
Wave Sensor Switch T-WSS-60W-IR	✓	✓			✓	✓	
SWITCHES							
Touch Dimmer Switch T-TDS-60W	✓	✓			✓	✓	
Recessed Touch Dimmer Switch T-TDS-R	✓	✓			✓	✓	
Round Rocker Switch T-RS-BK	✓	✓					
HARDWIRED DIMMERS							
Electronic Low Voltage Dimmer DVELV-300P-Color							✓
Magnetic Low Voltage Dimmer DVLV-600P-Color			✓				

✓ = Power supply compatible with
lighting control option

✓ = ONLY compatible if not using with
secondary control system



LIVE SUPPORT!

Contact Design Services at 866-848-9094 or
DesignAndSupport@TaskLighting.com with further
assistance selecting the best switch, sensor,
hardwired dimmer, or wireless controller for a project.