

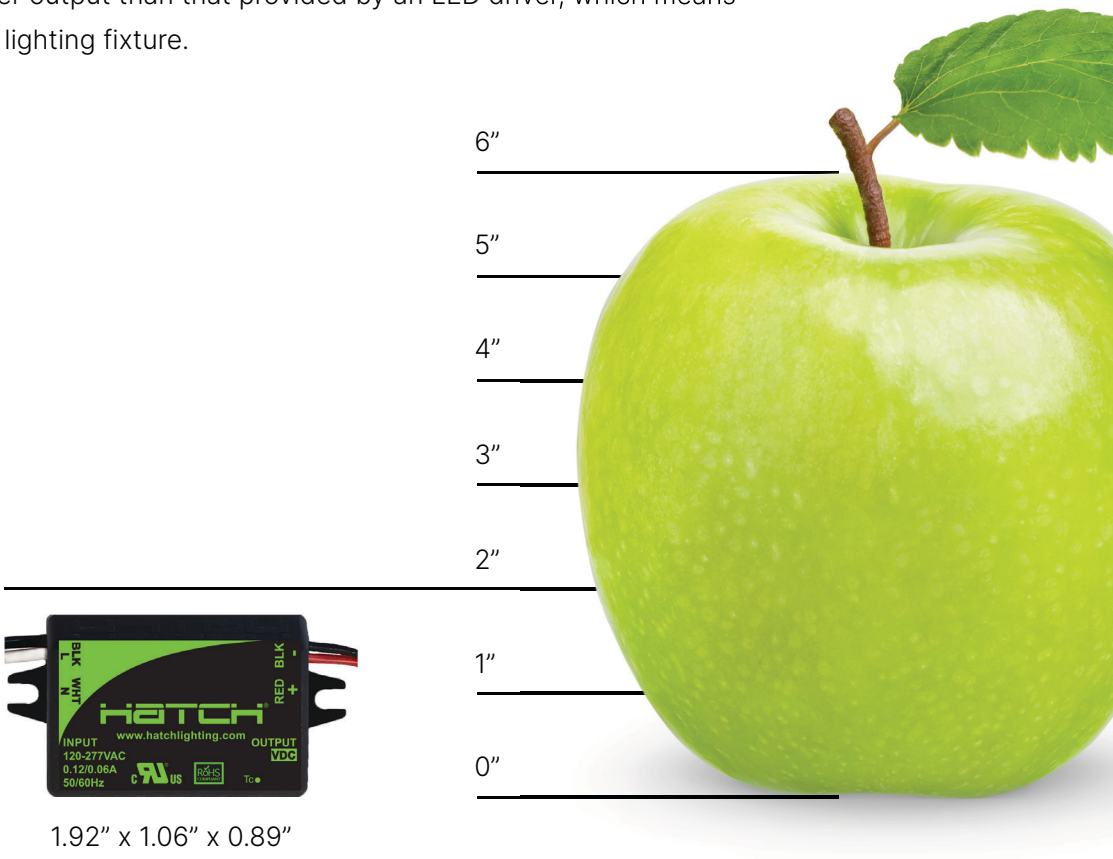
The Smart Device Power Supply: An ultra-compact solution for powering your lighting controls.



In today's LED industry, smart lighting controls are everywhere. Controls such as occupancy sensors and dimmers are even legally mandated in many new building projects, necessitating specialty power solutions to operate them.

However, lighting controls typically require a different power output than that provided by an LED driver, which means multiple power supplies need to be present within a single lighting fixture.

Specifications	
Input Voltage	120 - 277VAC
Output Voltage	12V or 24V
Wattage	4W
Dimming	No
UL	Listed Class P



This infographic explains how you can use Smart Device Power Supplies from Hatch Lighting to design and install LED fixtures more easily. If you're a fixture designer who needs power for controls but you use LED drivers that have **unique shapes** or **high density, compact form factors**, a Smart Device Power Supply from Hatch may be the right solution.

Overcoming the absence of auxiliary outputs



Lighting controls typically require a **constant voltage** low power 12V DC or 24V DC power source, whereas most LEDs require a **constant current** power source.

To help provide power for lighting controls, some LED driver manufacturers will add an auxiliary output to the LED driver. This auxiliary output will provide 12V or 24V DC to power controls that may be added into a fixture.

These configurations are generally found in linear type LED drivers used in LED troffer fixtures, remote mounted CFL style LED drivers found in recessed lighting fixtures, and higher power LED drivers used in higher lumen outdoor fixtures.

If your LED driver isn't available with auxiliary power, an independent Smart Device Power Supply is often the ideal solution.

Power your smart LED fixtures with Hatch's Smart Device Power Supplies

- Hatch's Smart Device Power Supplies are compact power products that are UL Listed Class P for lighting applications. When you use externally mounted power supplies, you get the following benefits:
- The small, **compact form factor** provides flexibility for mounting locations.
 - You can use **any LED driver for powering LEDs** – you aren't limited to using only models with an auxiliary output.
 - **UL Listed Class P** devices integrate seamlessly into lighting applications.
 - External power allows for AC on/off control of the fixture LED driver while permitting **unswitched, always on power for the attached control**.
 - Devices provide **either 12V or 24V output voltage**, allowing a system designer to use a variety of controls without having to limit themselves to the voltage from an auxiliary output LED driver.

- Lighting controls that can be powered by our Smart Device Power Supply include:
- Occupancy sensors
 - Dimming controls
 - Wi-Fi modules that monitor and transmit fixture diagnostics and status
- Smart Device Power Supplies can even be used independently from lighting fixtures to power a range of low voltage devices and sensors that require reliable compact power, such as Wi-Fi radios, task lights, and other small electronics.

