

Outdoor Power Supply Low-Cost Retrofit Project





Overview

Can you use a 12V power supply for outdoor lighting?

The LED board was built specifically for the provided 12V Power Supply, and the photocell switch makes it so you can set and forget your outdoor lighting fixture. This LED kit is perfect for replacing cheaply built light sources in high-end fixtures or for retrofitting legacy lighting fixtures using incandescent or halogen bulbs.

What is a LED Retrofit Kit?

Our LED retrofit kit is a cost-effective, long-term solution for exterior lighting fixtures. The 6 Watt, high-efficacy LED kit can replace a 100-watt incandescent source while significantly reducing your home's energy costs. The retrofit kit features 30 Nichia 757 LEDs and provides a 120-degree light output.

Are LED lighting supply retrofits energy efficient?

Energy Efficiency: LED Lighting Supply retrofits are energy efficient. They will reduce energy consumption by 50-90% over traditional lighting solutions reducing energy costs. Reduced Maintenance: Our retrofit kits will dramatically reduce maintenance costs with 10+ years of maintenance-free lighting.

Why should you switch to LED Retrofit kits?

Switching to LED retrofit kits offers several advantages. Firstly, it improves energy efficiency and helps save costs by replacing outdated fixtures. LED lights provide bright and consistent illumination, enhancing lighting performance.

How much power does a LED Retrofit use?

The replacement LED board in the retrofit kit consumes 6-Watts. A power supply rated for 8-Watts provides more than the The original light had 8 high-



power LEDs, the retrofit board has 30 mid-power LEDs. The retrofit is brighter than the original (~600 lumen vs ~1,000 lumen).

Why are LED lighting supply fixtures more suitable for warehouses?

Here are a few reasons why LED Lighting Supply fixtures are more suitable for warehouses than HID Lighting and fluorescent lighting in commercial and industrial facilities: Energy Efficiency: LED Lighting Supply retrofits are energy efficient. They will reduce energy consumption by 50-90% over traditional lighting solutions reducing energy costs.



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[LED Retrofit Kit for Outdoor Lighting Fixtures](#)

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[A Pocket Guide to All-Electric Retrofits of Single-Family Homes](#)

We call this process of avoiding power upgrades a "Watt Diet," which involves power efficient appliances and sometimes power balancing plugs. If you'd like to learn more, the authors offer ...



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