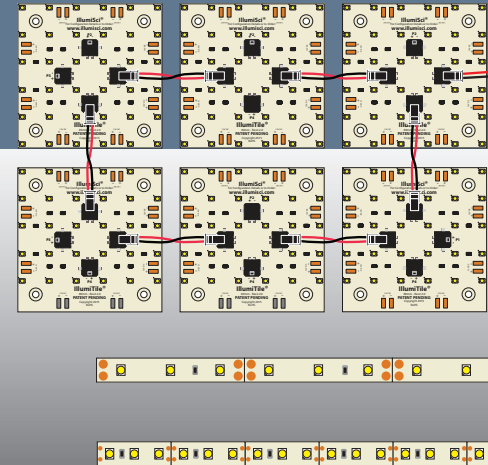
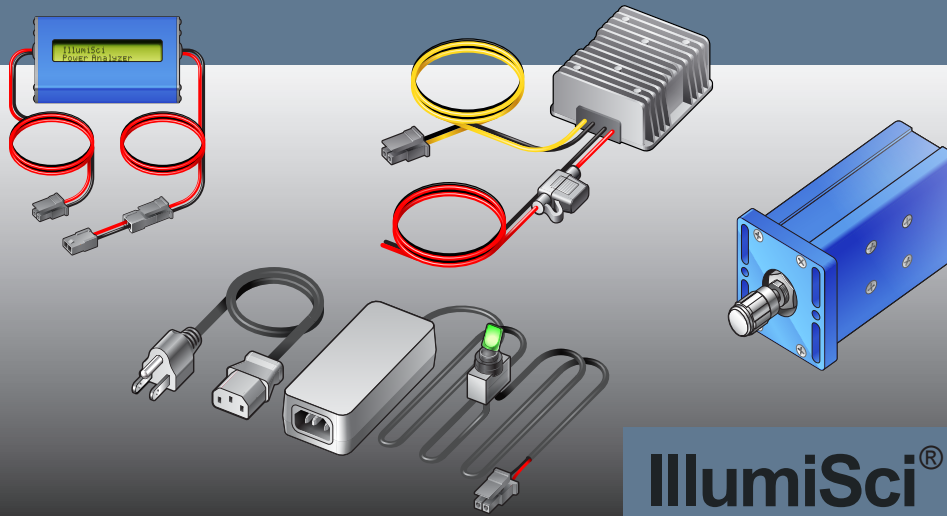


Simply Configurable LED Arrays and Accessories



ILLUMISCI® Product Family

Devices and Accessories that Make
System Configuration Simple

Product Summary

ILLUMITILE LED Arrays

Our modular industrial grade LED Arrays make creating a small or large array with high light output, very simple.

ILLUMIFLEX Flexible LED Strips

These ultra versatile flexible LED strips can work alone or along side ILLUMITILE LED arrays.

Power Supplies

Our LED power supplies offer high quality output and come with a variety of options, including a preconfigured switch and/or ILLUMISnap connector.

ILLUMISnap Harnesses & Interconnects

Many types are available to fit your application, most with ILLUMISnap connectors to make connectivity simple.

Dimmers

We have created robust industrial grade dimmers in a variety of power capacities and dimming types to fit your application.

System Analyzer

No need for complex test equipment. Our System Analyzer easily snaps right into your system to give you the information you need.

Vehicle/Battery Adapter

Our vehicle adapters offer excellent power regulation for commonly erratic vehicle power applications.

QUALITY DESIGN

ILLUMISCI® offers an innovative, high quality and very simple to use device family, ideal for you to create LED lighting systems in whatever you want to build. Our philosophy is to create high quality solutions that make LED lighting systems as simple as possible.

VERY SIMPLE LAYOUT & CONNECTIVITY

ILLUMITILE LED systems are very simple to configure, and use the same ILLUMISnap connections amongst devices to make set-up and connectivity, easy. This means that connecting a system can be as simple as snapping together ILLUMISCI's preconfigured devices with ILLUMISnap harnesses. We offer many device options in our product family, so to have a solution that fits your needs. If you do not see a specific accessory that would be ideal for your application, then ask us for a custom solution.

ENERGY EFFICIENT

As with all of ILLUMISCI's products, ILLUMITILE LED arrays offer a lower power and reliable "green" solution compared to many other lighting methods.

Create an LED lighting system in a Snap with ILLUMISCI products!

ILLUMISCI® LED devices are extremely versatile, very easy to use and make system configuration simple!



ILLUMISCI®
INNOVATIVE ILLUMINATION

Toll Free (844) 455-8647
info@illumisci.com

Product Info

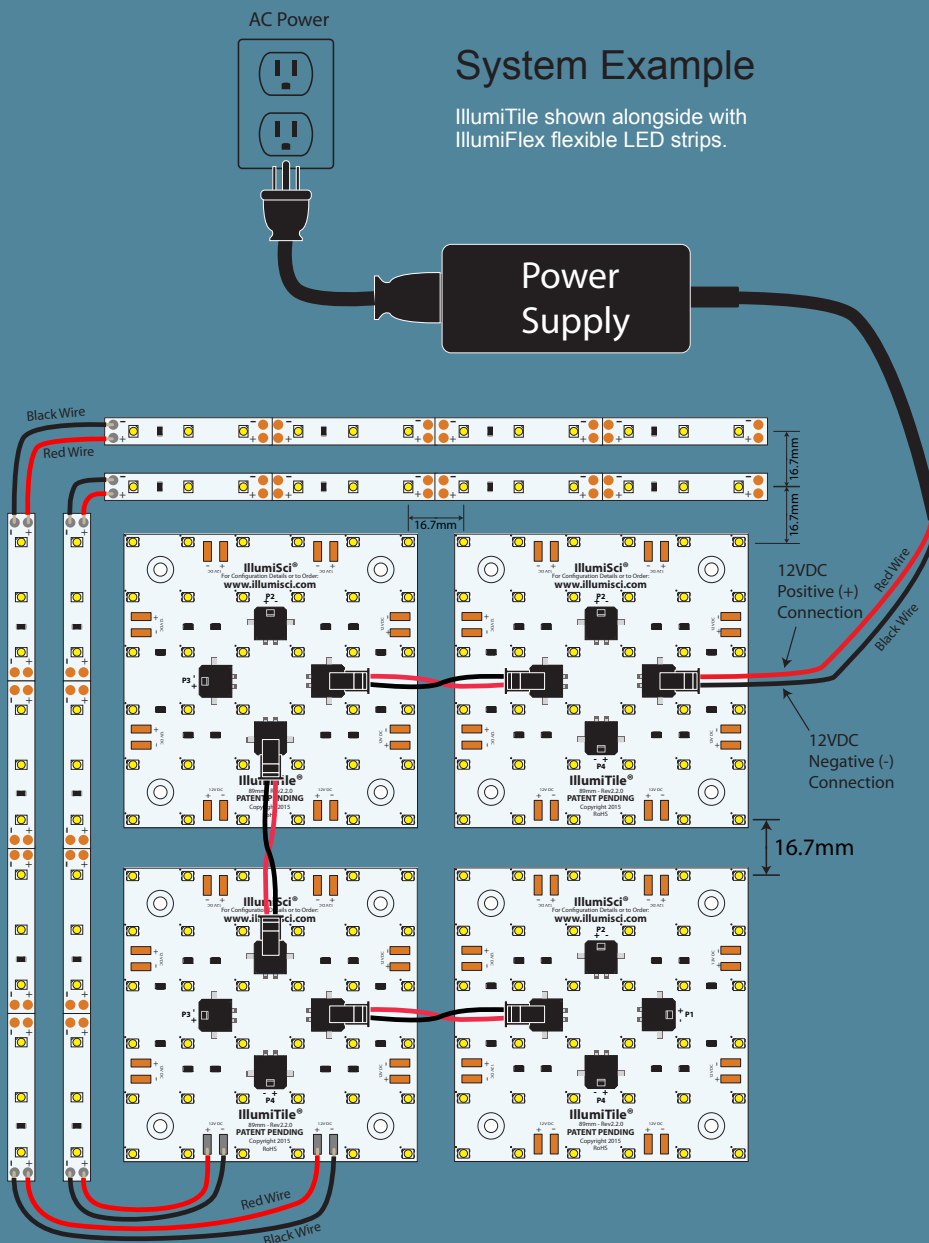
IllumiTile™

Simply Configurable LED Array

IllumiTile Technical Info

System Example

IllumiTile shown alongside with IllumiFlex flexible LED strips.



Safety Certification
UL Listed - Class 2

Available Color Temperatures

- * 3000 CCT (Warm)
- * 4500 CCT (Neutral White)
- * 6000 CCT (Bright White)

Light Output
223 Lumens (per IllumiTile)

Operating Voltage
12VDC (+/- 0.5V)

Maximum Current
5 Amperes

Total Allowable Circuit Power
12V DC 5A (60 Watts)

Thermal Management
Convection Cooling
for Room Temperature
Environments *not* exceeding
95 °F (35 °C)

Control

- * IllumiAdjust™ Dimmers (recommended)
- * Other 12V DC Dimmers

Connectivity

- * IllumiSnap™ Any-to-Any Connectivity
- * Input/Output: IllumiSnap™ Female Connectors
- * Solder Pads (optional)

Compatibility

- * IllumiFlex™ Flexible LED Strips
- * IllumiAdjust™ Dimmers
- * IllumiSci™ 12V DC LED Products

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and get more information on our Website: www.IllumiSci.com



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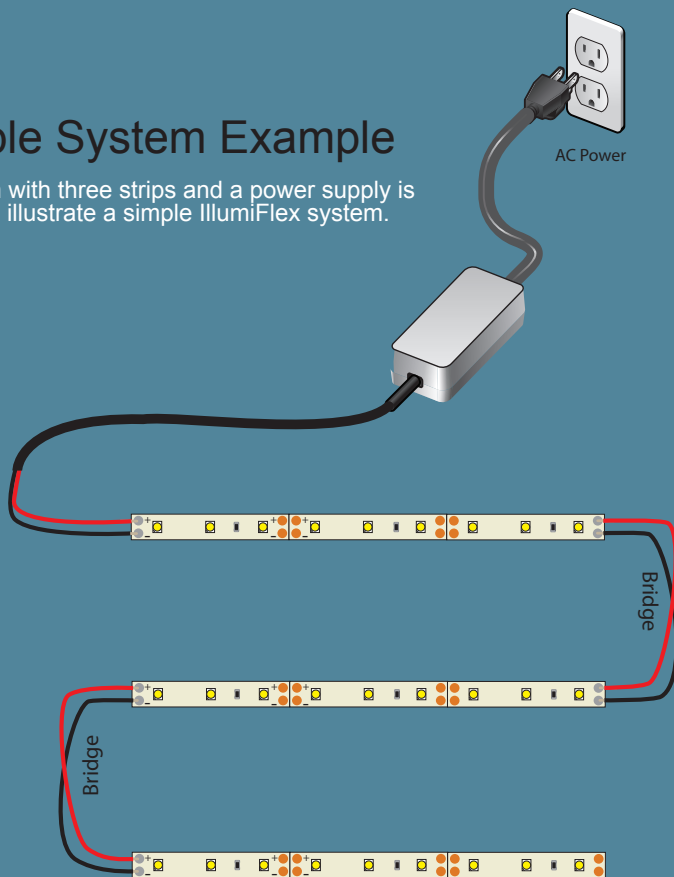
Product Info

ILLumiFlex™

Quality Flexible LED strips

Simple System Example

A system with three strips and a power supply is shown to illustrate a simple IllumiFlex system.



IllumiFlex Flexible LED Strips - 60/Meter Standard Density



IllumiFlex Flexible LED Strips - 120/Meter Double Density



IllumiFlex™ Technical Info

Available Color Temperatures

- * 3000CCT (Warm)
- * 4500 CCT (Neutral White)
- * 6000 CCT (Bright White)

Operating Voltage

12VDC (+/- 0.5V)

Light Output

60 LED/M - 2400 Lumens/5M
(16.4ft) Reel
(480 Lumens/Foot)

120 LED/M - 4800 Lumens/5M
(16.4ft) Reel
(960 Lumens/Foot)

Reel Length

16.4 Feet (5 Meters)

Maximum Current

(per Contiguous Strip)

60 LED/M - 1200mA (nominal)
per 5M (16.4ft) Reel

120 LED/M - 2300mA (nominal)
per 5M (16.4ft) Reel

Segment Length

60 LED/M - 1.97 Inches (50mm)
3 LED's/Segment

120 LED/M - 0.99" Inches (25mm)
6 LED's/Segment

Connectivity

- * IllumiSnap™
Any-to-Any Connectivity
- * Input/Output: IllumiSnap™
Female Connectors
- * Solder Pads (optional)

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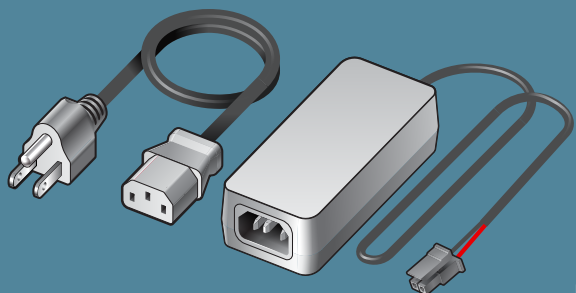
Product Info

LED Power Supplies

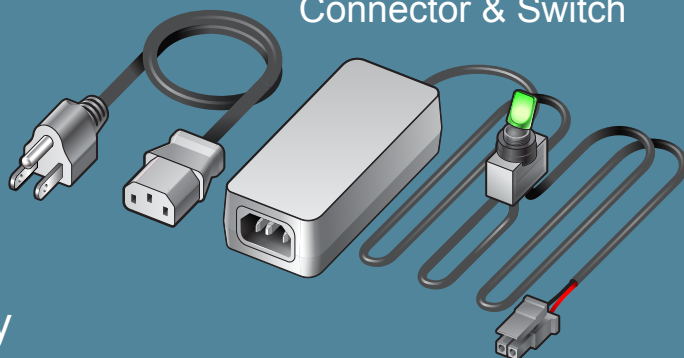
Quality LED Power Supplies with Switch
and IllumiSnap Options

Technical Info

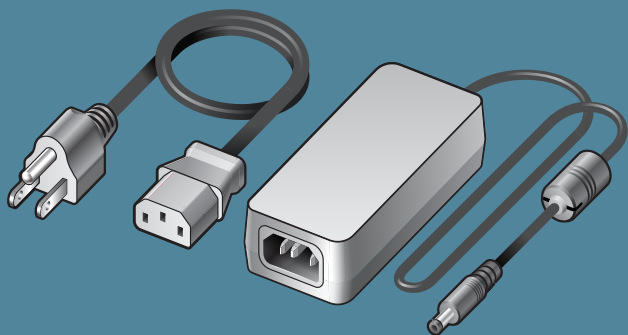
Power Supply with IllumiSnap™ Connector



Power Supply with IllumiSnap™ Connector & Switch



Power Supply with 2.1mm Barrel Connector



Output Voltage
12VDC (+/- 0.5V)

Maximum Current
12V DC, 5 Amperes (60 Watts)

Connectivity
AC Power Input:
NEMA 5-15 to UPC C13
Output Options:
IllumiSnap™ Male Connectors
or 2.1mm Barrel

Safety
Thermal Protection
Current Overload Protection

See more great IllumiSci products, download User Manuals
and get more information on our Website: www.IllumiSci.com

Product Info

IllumiSnap™ Interconnects

We offer a variety of Interconnects to fit any application, and are UL Listed as part of an IllumiTile system.

IllumiSnap Precision Connection Harnesses

Male to Male
IllumiSnap D
(for precise IllumiTile spacing)



Male to Male
(Varied Lengths)



Male to
Bare Ends



Male to 2.1mm
Female Barrel
(for connection to Power Supply)



Female to
Female
IllumiSnap



Female to Male



Custom Length
(any connector type)



IllumiSnap™ Male to Male Precision Connection Harness for IllumiTile™ Standard Options

IllumiSnap™ D Harness with Connectors (Direct link Length)

IllumiSnap™ 1 Harness with Connectors (1 Span Length)

IllumiSnap™ 2 Harness with Connectors (2 Span Length)

IllumiSnap™ X Harness with Connectors (Custom Span Length)

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Product Info

IllumAdjust™

SMART 60 Watt
Industrial Grade LED Dimmer

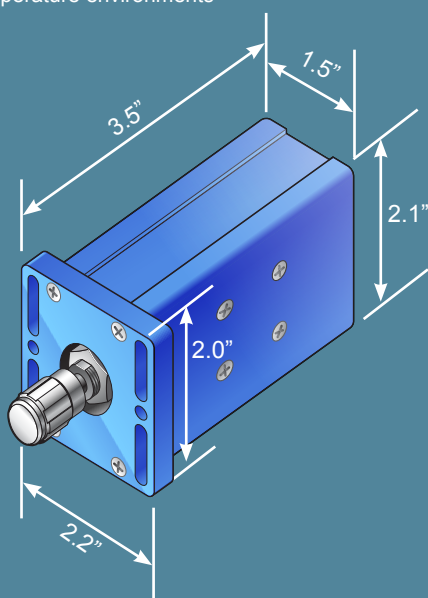
Technical Info



ROBUST DESIGN

We listened to your requests, and produced a robust design in an anodized aluminum enclosure with added thermal capacity.*

* Not for use in high vibration, moist or high temperature environments



PWM DIMMING

Our PWM dimmer circuitry offers a precise, smooth and consistent signal delivery to compensate for the load characteristics of LED's. This is an effective method to maintain color temperature, as closely as possible, throughout the dimming range.

SIMPLE CONNECTIVITY

IllumAdjust dimmers use the same common output connection that are used in most other IllumiSci LED lighting devices. This means that connecting a system can be as simple as snapping together IllumiSci's preconfigured devices with IllumiSnap harnesses.

ENERGY EFFICIENT

As with all of IllumiSci's products, IllumAdjust dimmers offer a lower power "green" solution compared to many other dimming methods.

Power Capability

12V DC 5A (60 Watts)

Dimming Method

PWM (Pulse Width Modulation)

Mounting Method

Front Bezel

Power Supply

12VDC 5A Max

(Optional Power Supply provided in kit)

Connectivity

IllumiSnap™ Output Connection

Compatibility

IllumiFlex™ - Flexible LED strips

IllumiTile™ - LED Arrays

IllumiSci™ - 12VDC LED Products

IllumAdjust - Rear View



(1) Fuse Holder

(2) 2.1mm Barrel 12VDC Input

(3) IllumiSnap Output

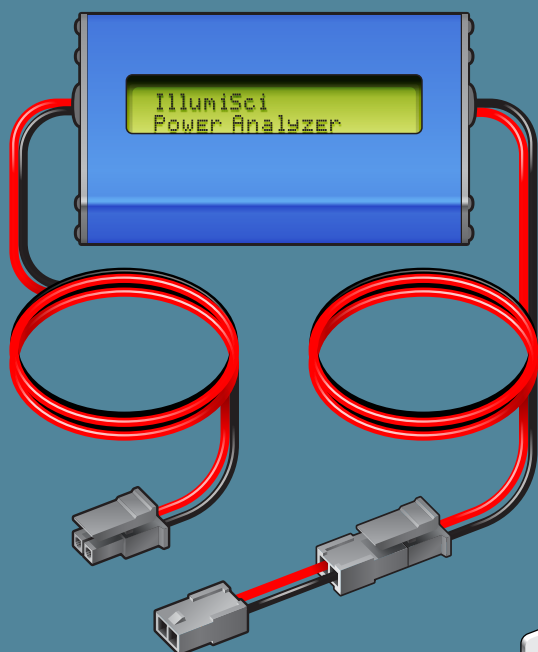
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Product Info

IllumiSci® System Analyzer

Simple Snap-In System Performance Info

Technical Info



SYSTEM INFO IN A SNAP!

Again, we listened to your requests, and produced a system Analyzer that is very simple to use. Once connected, it will utilize the system's power source and display Power (Watts), Voltage and Current so that you can easily determine system configuration performance.

Operating Voltage
12.0V DC

Maximum Current
5 Amperes

Total Allowable Circuit Power
60 Watts (12V DC 5A)

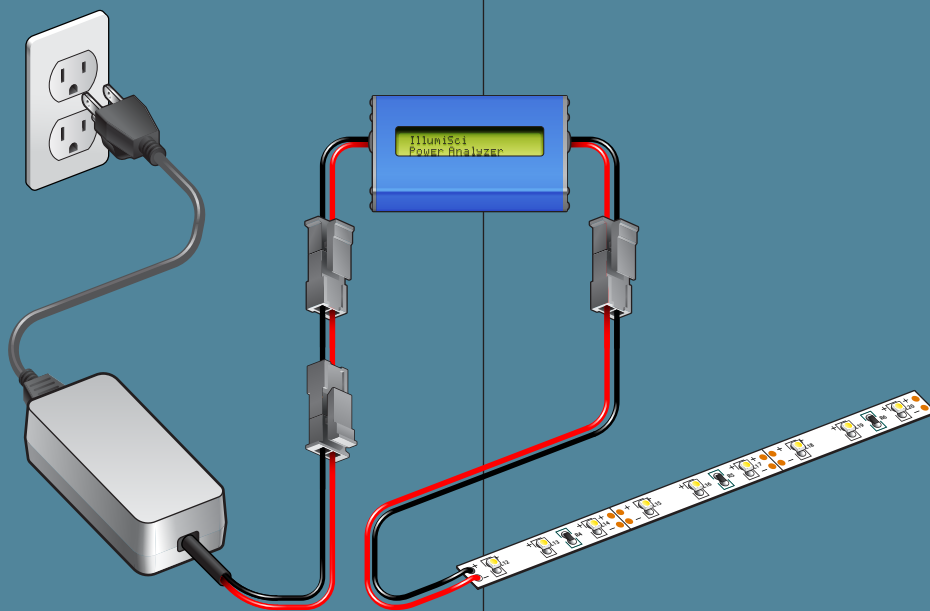
Connectivity
* Input/Output: IllumiSnap™ Male Connectors
(Gender Changing Harness Included.)

Compatibility
* Any IllumiSci® 12V DC LED Products

EASY SNAP-IN DESIGN

No need for complicated test equipment anymore to see how your lighting system is working!

Using the IllumiSci® Analyzer is very simple. Just disconnect the power source from where it connects to the LED's, then snap it in. When you are finished, then simply remove it from the system, and reconnect. Knowing your system performance is now that simple!



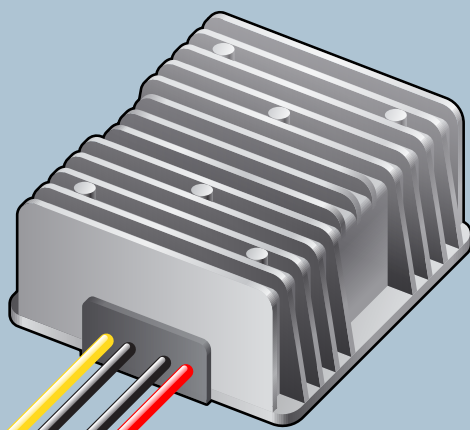
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Product Info

Vehicle/Battery Adapter

Quality System Power Regulator

Technical Info



EASY SNAP-IN DESIGN

Our Vehicle/Battery Adapter is simple to install. Just connect the input wires to the power source (usually this is directly to the battery), then connect the IllumiSnap™ connector to your LED lighting system.

STABILIZE POWER

Vehicle electrical systems are called "12 Volt" systems, but are not. Usually they are rated at 13.8 V and can deliver voltages much higher. Connecting a 12V DC LED lighting system directly can cause damage to the LED system and can create a dangerous hazard.

What is important is maintaining a specific voltage (12V DC) to run your LED lighting system. The solution is to regulate the voltage, protect the lighting system and deliver a smooth and consistent power. IllumiSci's Vehicle/Battery adapter are built to our specifications, specifically to do so.

Input Voltage
12 to 18V DC

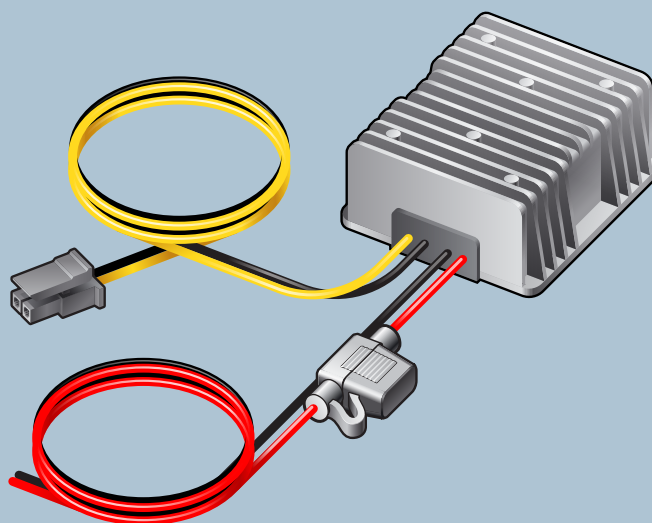
Output Voltage
12VDC (+/- 0.5V)

Maximum Current
12V DC, 5 Amperes (60 Watts)

Connectivity
Input: Bare wire
Output Options:
IllumiSnap™ Male Connector
or 2.1mm Barrel

Safety
Thermal Protection
Current Overload Protection

Compatibility
* Any IllumiSci® 12V DC
LED Products



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We Create Innovative LED Lighting Solutions

OUR VISION

We exist to create innovative and simple to use LED lighting products with a focus on developing meaningful relationships. We strive to inspire and connect our clientele with their customers through visually stunning lighting solutions in the projects they build.

IllumiSci is located in Southern California, USA



IllumiSci

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