



ILLUMAdjust™

SMART 60 Watt
Industrial Grade LED Dimmer

Product Summary

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

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.

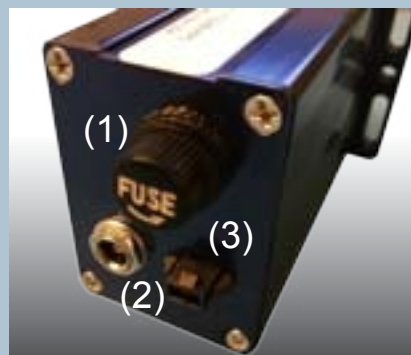
ENERGY EFFICIENT

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

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



IllumAdjust - Rear View

(1) Fuse Holder

(2) 2.1mm Barrel 12VDC Input

(3) IllumiSnap Output



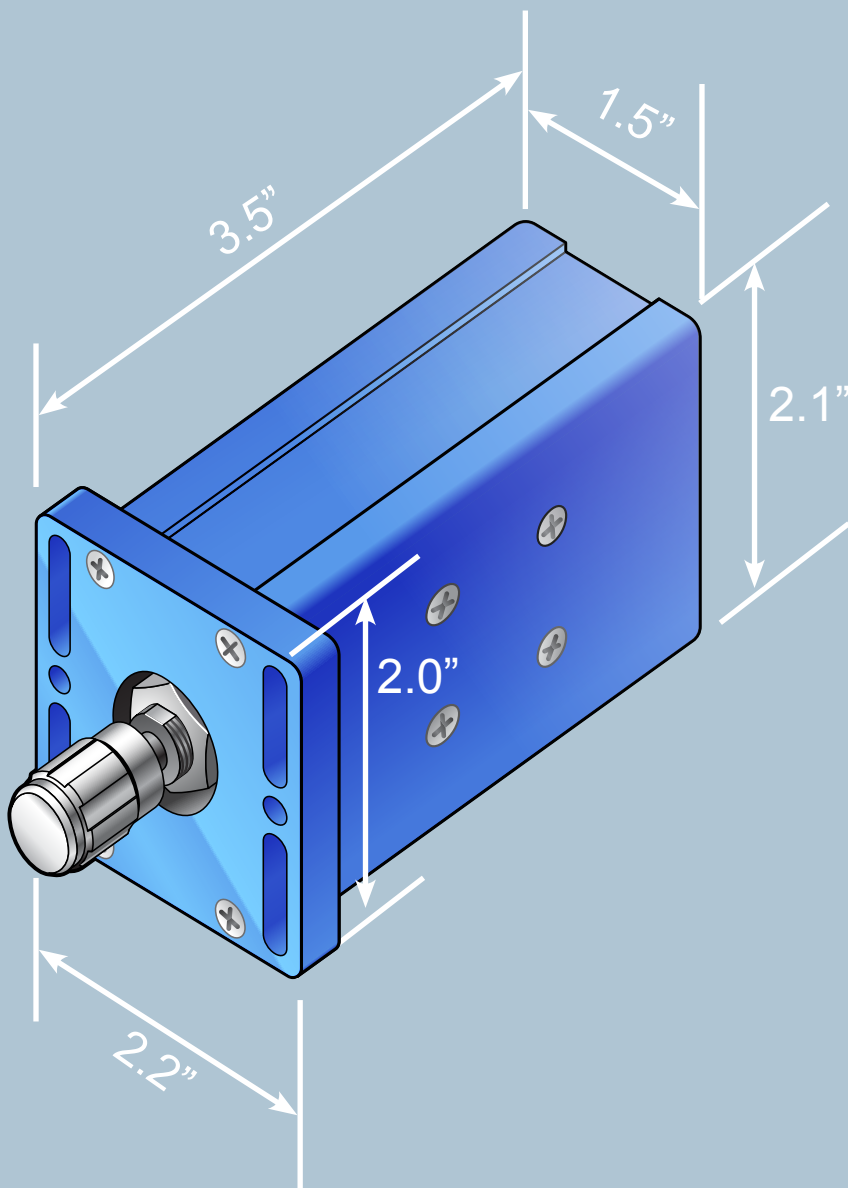
ILLUMISCI®
INNOVATIVE ILLUMINATION

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SPECIFICATIONS

ILLUMAdjust™

SMART 60 Watt
Industrial Grade LED Dimmer



Technical Info

Maximum Input Voltage
12.5V DC

Maximum Current
5 Amperes

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

Control
PWM Variable Voltage
Manual Rotary with
off/on-switch

*CW = Increase Brightness
CCW = Decrease Brightness
CCW Detent = Switch Off*

Connectivity
Input: 2.1mm Barrel
(Center Positive)
Output: IllumiSnap Female
Connector

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