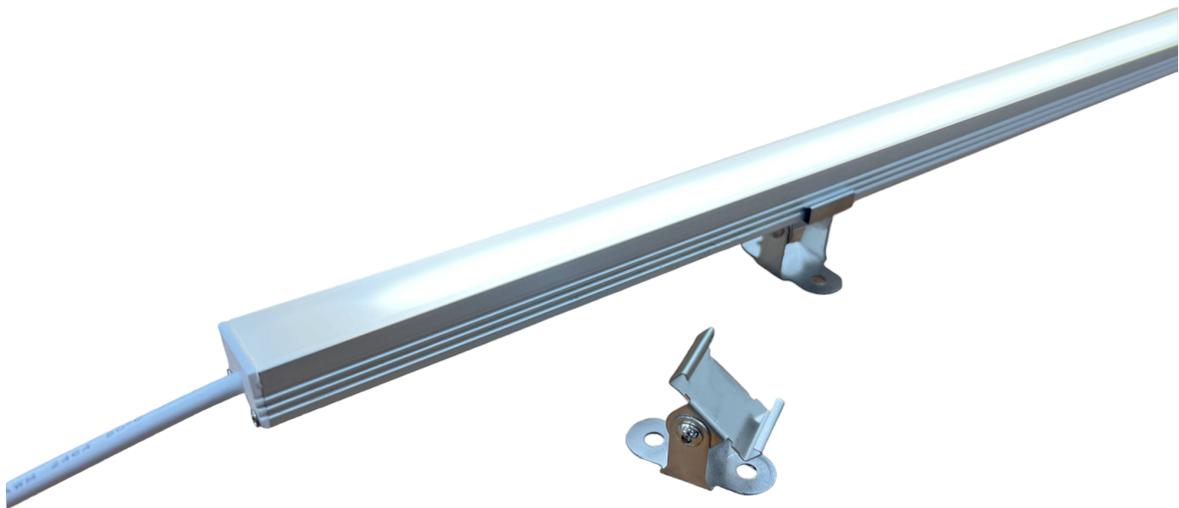


# BATHOLOGY

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## Spectrum 360

Installation and Operation Manual

# Spectrum 360

by BATHOLOGY



**Figure 1: Table 1: Spectrum 360 Specifications**

Kelvin: 3500 K	Operating Temp: -13 F to 195 F	Max Run: 4 Light Bars / 20 Linear Feet	IP Rating: IP67		
LED light bar is suitable for use in sauna environments. LED light bar is IP67 rated for outdoor saunas. LED light bar is not for commercial use.					
	Operating Voltage (VDC)	Power Consumption (Watts)	Lumens	Dimensions (in.) (with Flush Clips)	Dimensions (in.) (with Adjustable Clips)
<b>Brilliance 360-12 LED White</b>	24	2.4	270	3/4W x 12L x 9/16H	3/4W x 12L x 1-1/4H
<b>Brilliance 360-24 LED White</b>	24	5.4	596	3/4W x 24L x 9/16H	3/4W x 24L x 1-1/4H
<b>Brilliance 360-36 LED White</b>	24	8.3	921	3/4W x 36L x 9/16H	3/4W x 36L x 1-1/4H
<b>Brilliance 360-48 LED White</b>	24	11.3	1,246	3/4W x 48L x 9/16H	3/4W x 48L x 1-1/4H
<b>Brilliance 360-60 LED White</b>	24	14.2	1,571	3/4W x 60L x 9/16H	3/4W x 60L x 1-1/4H

**Figure 2: Table 2: Dimmer Switch Specifications**

Operating Voltage	Maximum Wattage	Dimming Range	Diameter	Depth	Rough-in Cutout	IP Rating
24 VDC	72 Watts	1-100%	3/4" Body / 15/16" Trim	13/16"	3/4"	IP 20

**Figure 3: Table 3:  
Power Supply Specifications**

Operating Voltage	Output Voltage	Power Consumption	Nominal Amperage	Dimensions
120 VAC	24 VDC	90 Watts	1.3 Amps	2.36W x 5.70L x 1.25H

**⚠ Warning**

Do not hot swap any of the components of this system. Hot swapping can cause damage to the system or harm to the user.

**⚠ Warning**

Do not modify any components of this system. Modifying components of this system can cause system failure or harm to the user.

**⚠ Important**

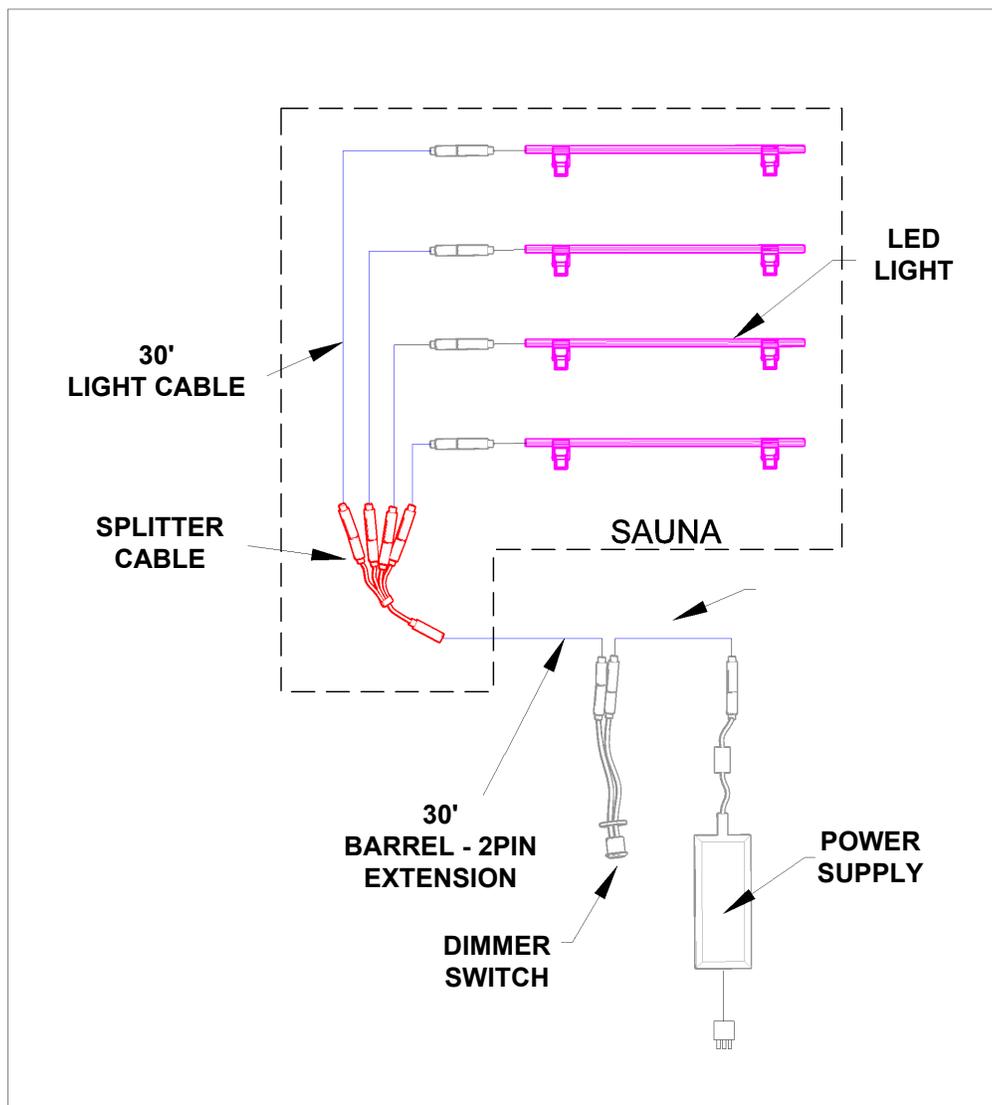
Brilliance LED fixture should not be installed directly above Sauna Heater or in a location where Brilliance fixture will exceed maximum temperature of 195°F.

**⚠ Important**

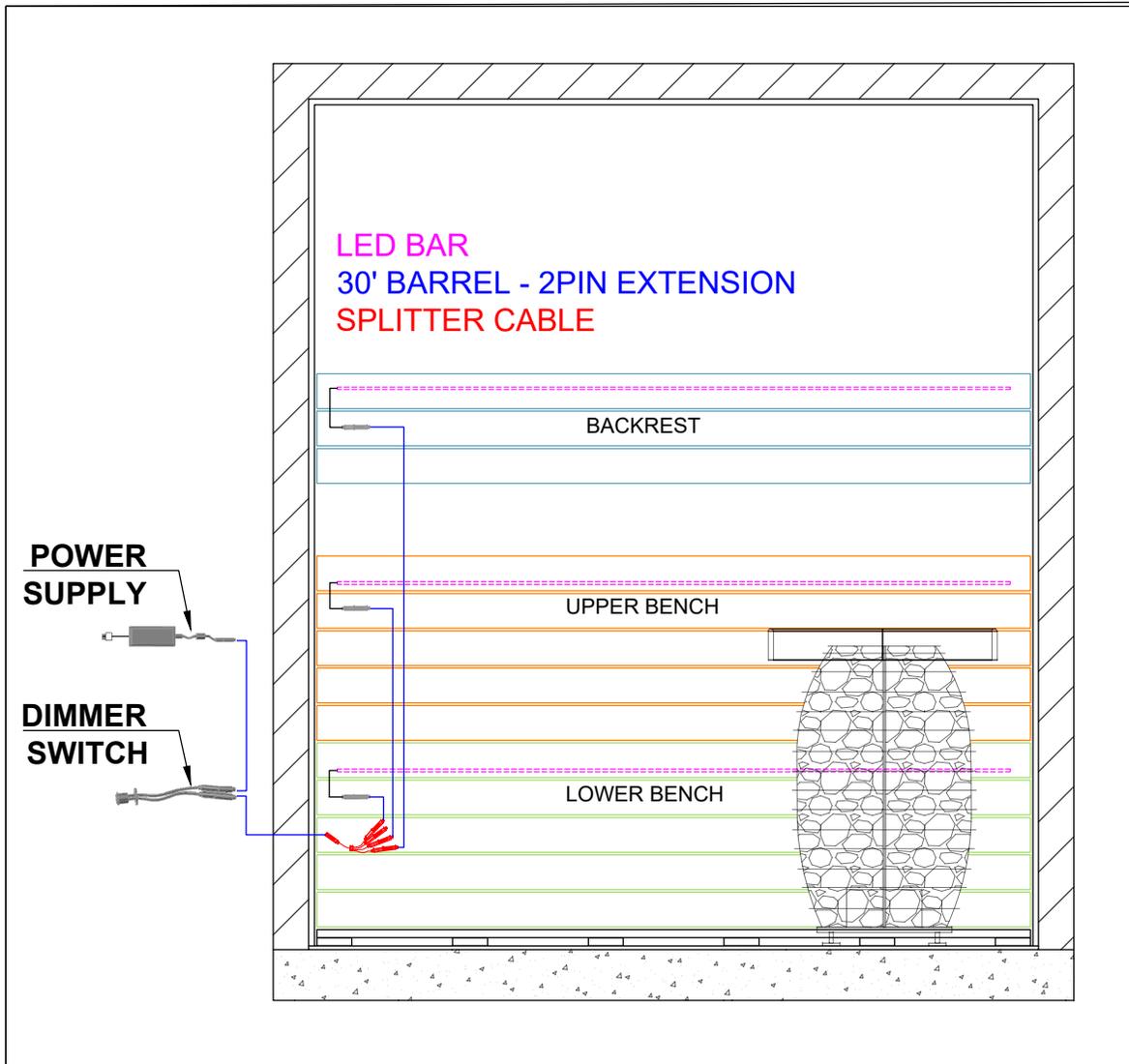
For sauna interior mounting, the dimmer switch should not be located within a 30" radius of the heat source and should be a maximum of 36" above the finished floor.

**⚠ Warning**

Locating the dimmer switch too close to the heat source or too high in the room could cause damage to the switch.



**Figure 4: Connections Diagram**



**Figure 5: Connections Diagram 2**

## **Warning**

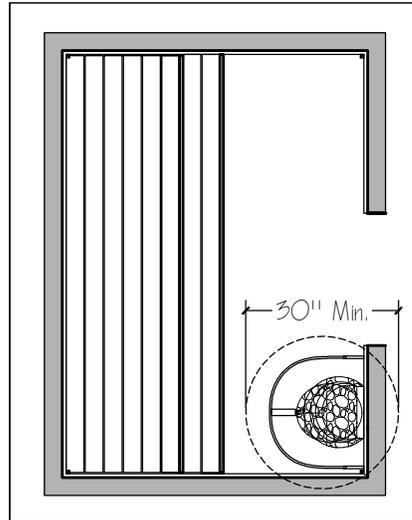
The dimmer should only be mounted using the methods described in this manual. Mounting the dimmer using methods other than those described in this manual could cause damage to the dimmer or harm to the user.

## **Dimmer Switch Mounting Instructions**

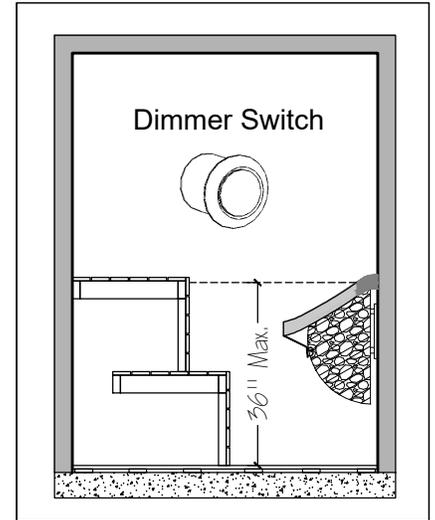
Drill a  $\frac{3}{4}$ " hole in the mounting surface. Insert the barrel connectors and cables through the hole. Insert the dimmer switch into the hole and fasten it to the surface using the provided nut.

## **DIMMER Switch Operation**

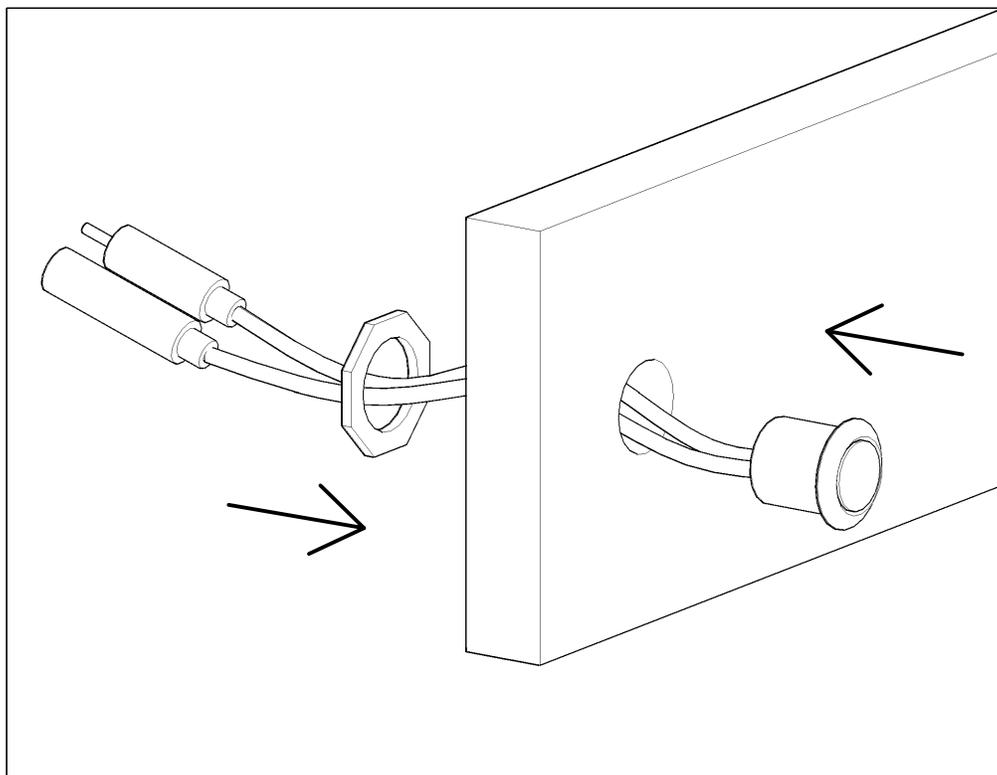
- Tap for On/Off
- Hold for Dim/Brighten



**Figure 6: Dimmer Switch Location Top View**



**Figure 7: Dimmer Switch Location Elevation View**



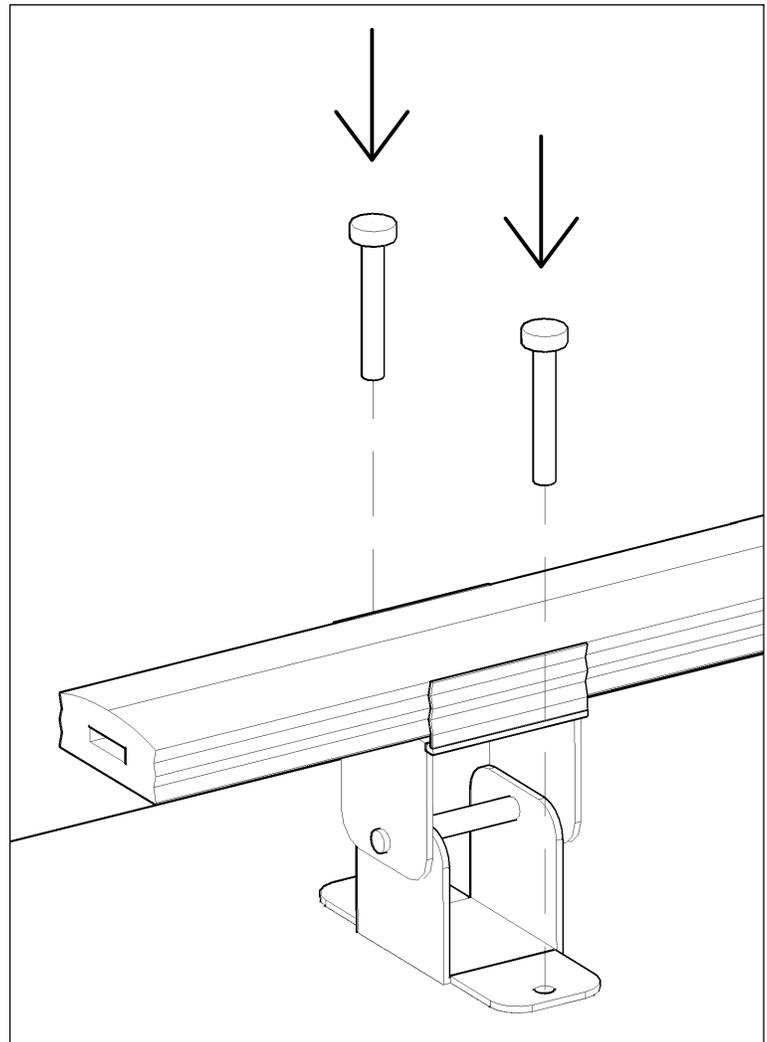
**Figure 8: Dimmer Mounting**

## Warning

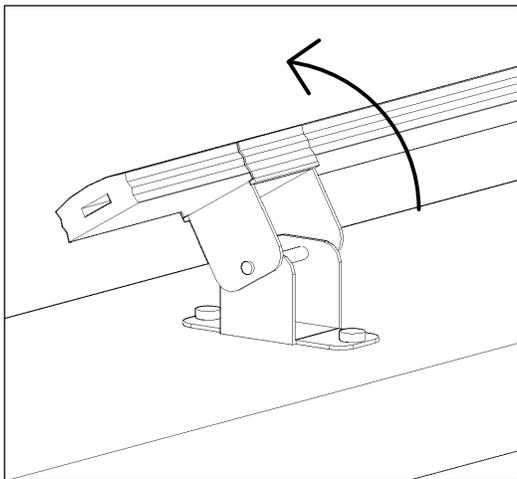
The LED should only be mounted using the methods described in this manual. Mounting the LED using methods other than those described in this manual could cause damage to the LED.

## LED Mounting Instructions

1. Determine the desired location for the LED.
2. Screw the mounting clips to the mounting surface.
3. Attach the LED to the mounting clips by snapping it into place.
4. If using the adjustable clips, tilt the LED bar for the desired light display.



**Figure 9: LED Mounting**



**Figure 10: LED Tilting**



**Figure 11: Tilt Variations**

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REV: 031023

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