saunalife

E Mood E6/E7/E8

Installation Manual
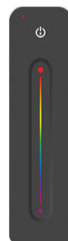
Mood RGB Light

LED Lightbar Package Contents:

RF Driver/Receiver (qty. 1)	**Power Supply** (qty. 1)	**RGB Remote** (qty. 1)

4-Pin 30' Cable (qty. 1)	**AC Power Cable** (qty. 1)

RGB Led Mood Light
(qty. 1)

Installation Recommendations

Please read this manual in its entirety prior to installation and keep it somewhere accessible for future reference.

IMPORTANT
The RF Driver and Power Supply may be installed outdoors but must be protected from rain and snow. RF Driver and Power Supply should be installed in a waterproof electrical enclosure.

IMPORTANT
When installing the RF Driver and Power Supply inside the sauna, **maintain a minimum distance of 20" from heat source and a maximum height of 20" off floor or in path of fan.**

IMPORTANT
If installed inside the sauna, the RF Control must not exceed 131°F. Control should be no more than 3' off the floor and away from heater. Test temperature reading of location before mounting.

IMPORTANT
LED Light Bar max operating temperature is 195°F, installing LED light bar in location where temperature will exceed 195°F may cause light failure.

Electrical Requirements

- A 120V AC electrical outlet is needed to power the lighting system.

- Your electrician will determine the type of electrical outlet, box, and piping to be used.

- All wiring must be done in accordance with national electric code and local building codes by a certified electrician.

- Improper voltage or connections will damage the components and void warranty.

STEP 1.

Mount RF Driver / Receiver

Using 2 screws mount RF driver to desired surface. Driver should be mounted in a dry accessible location for service.

Note: Do not install within 20" of sauna heater and a maximum of 20" off floor.

STEP 2.

Run 4-Pin 30' Cable

Run 4-Pin 30' light cable from Driver to LED Mood Light. At Driver connect cable end to pigtail off driver.

STEP 3.

Install Mood Light

Take Mood light fixture and two screws, lift fixture to ceiling ensuring that it's centered within the room. Drive two screws, one on each end securing fixture to ceiling of barrel. Take 4-Pin cable and connect to pigtail off Mood light.

STEP 4.

Install Power Supply

Connect AC power cord cable to power supply block. Place power supply near RF driver. Connect DC cable end from power supply and connect into RF driver DC IN port.
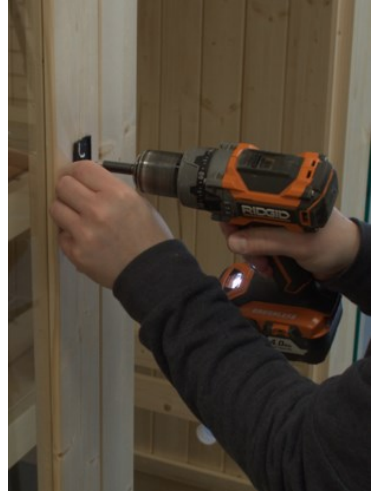
STEP 6.

RGB Control Installation

Take holder and separate back mounting plate from holder. At mounting location, screw mounting plate to surface. Slide holder from top down onto mounting the plate.

STEP 7.

Startup & Testing

- Verify that all connections are secure and complete before proceeding.
- Ensure DC-out end of Power Supply is plugged into DC-in of the Driver.
- Plug AC power cable from the Power Supply into a 120V AC electrical outlet.
- Verify that the Driver powers on. The indicator light will flash purple rapidly for approximately 20 seconds.
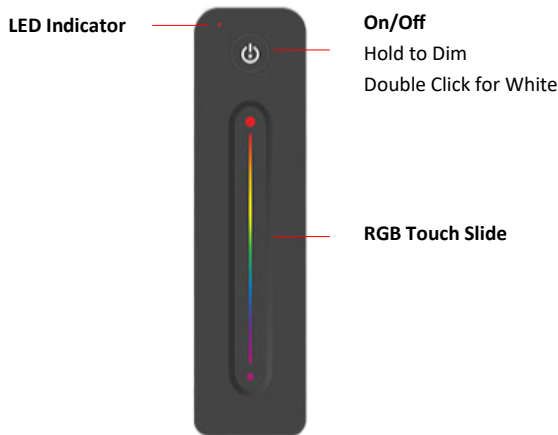
STEP 9.

RF Driver & Dimming Remote Programming

Note: RF Driver is preprogrammed. Follow steps below if programming is needed.

1) Press and hold the Match button until the Run Indicator light changes to white.
   Note: The Run indicator will turn off, then rapidly flash purple. White run indicator will be after Blue.
2) Release the Match button, then short press once to save programming.
3) Hold remote, then on Driver press match button once then quickly press the power button on remote.

Control Operation

Follow the steps below for control operation. After 30 seconds of inactivity the remote will enter sleep mode. To wake up the control, press any button.

LED Indicator

On/Off
Hold to Dim
Double Click for White

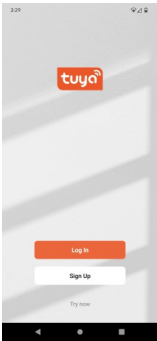**RGB Touch Slide**

Wi-Fi Setup

On IOS or Android download the Tuya Smart App

To set up Wi-Fi operation follow the steps below

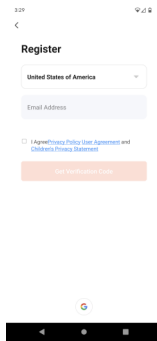**Note:** Wi-Fi Driver supports 802.11 b / g / n 2.4 GHz Wi-Fi standard. The Wi-Fi Driver

Step 1
Open Tuya app and press Sign Up to create an account
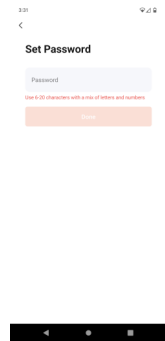
Step 2
Enter an email address to register an account
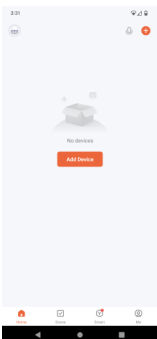
Step 3
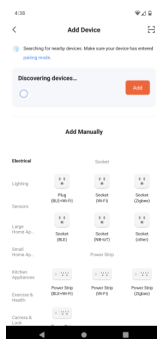Check email and enter verification code

Step 4
Create a password

Step 5
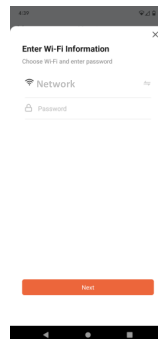Main screen press *Add Device*

Step 6
Press *Add* next to Discovering Devices

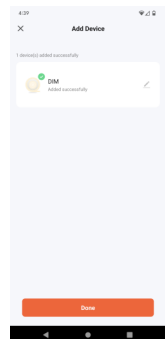## Step 7
Select your Wi-Fi network

Step 9
Device added successfully, press done to complete setup

Specifications

RF Driver/Receiver

Operating Voltage:	24V DC
Rated Out Current:	5CH, 3A/CH
Output Voltage:	12-24V DC
Max Output Power:	5Ch X 72W
Operating Temp:	-22°F - 131°F
Dimensions:	4.48"L x 1.49"W x .78"H
Light Capacity:	4 Lights / 20' (per Driver)
IP Rating:	IP20
Certifications:	CE. EMC, LVD, RED

Power Supply

Input Voltage:	120VA C
Output Voltage:	24V DC
Rated Power:	90W
AC Current:	1.3A
DC Current:	3.75A
Operating Temp:	-22°F - 158°F
IP Rating:	IP20
Certifications:	UL, CE, FCC

RF Remote Single-Zone RGB

Output Signal:	RF (2.4GHz)
Operating Voltage:	3V DC (CR2032)
Power Consumption:	5mA
Dimming Range:	1% - 100%
Signal Distance:	98FT
Dimensions:	5.47"L x 1.41"W x .43"H
Operating Temp:	-22°F - 131°F
Zones:	1 Zone Single Color
IP Rating:	IP20
Certifications:	CE, EMC, LVD, RED

Mood Light Specifications				
RGB	Operating Temp: -13°F to 230°F		IP Rating: IP67	
PART NUMBER	Operating Voltage (VDC)	Max Wattage	Lumens	Dimensions
210-BP031072	24V DC	41.95W	1,885	47-1/4" x 12-1/2" x 3-3/8"

Troubleshooting

No Power
- Verify that the electrical outlet has voltage.
- Check that connections on Power Supply are secure.
- Check that the DC barrel plug connection on the Power Supply is secure.

Power but lights not turning on
- Check that the Pigtail cable from the Driver is securely connected and that wiring is correct (see step #1).
- Check that 4-way light cable is secure and connected.
- Check that all 30' cables to lights are securely connected.
- Verify each light functions by testing them directly to the Driver independently.

Note: To test individual light, disconnect 4-way light cable and connect 30' cable directly to Pigtail lead off Driver, or connect light directly Pigtail.

- Verify that RF Remote is paired with Driver, see page #7.

Lights on no function from Control
- Verify battery is inserted correctly.
- If battery is low, replace with new battery.
- Check that DC power cable from Driver to Control is securely connected.
- Ensure that the distance from the Remote to the Driver is not more than 98 feet. If so, relocate Driver closer to room.

Resetting Driver
The Driver should not need to be reset in normal conditions. If a reset is needed, follow the steps below.

- Verify power to Driver
- Press and hold the Match button for 10-15 seconds until the blue LED indicator flashes rapidly.

    Note: Resetting Driver will clear any paired remotes and require repairing.

Replacement Parts

Description	Part Number
Driver	BP031108
Power Supply/90W	BP031137
RF Control Single-Zone RGB	BP031151
4-PIN IP67 Pigtail	BP031074
4-PIN IP67 30' Cable	BP031078
Mood Light	210-BP031072

Notes:

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