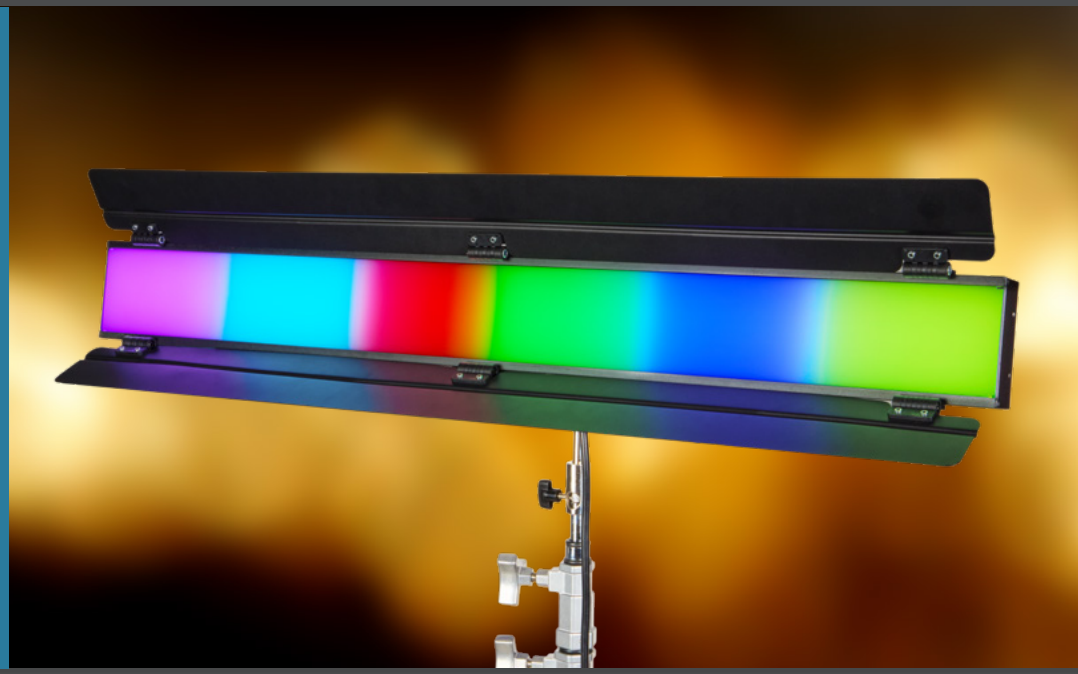
PROFESSIONAL SERIES

SSL-36-RGB

36 IN. SOFT STRIP RGB LED

USER MANUAL



genaray®

SSL-36-RGB INTRODUCTION

THANK YOU FOR CHOOSING GENARAY

The Genaray SSL-36-RGB is a strip LED with a unique form factor that provides even illumination along its entire 36-inch length. It boasts full RGB functionality and comes with six operating modes including animated effects for incredible versatility. It's perfect for lighting full-length portraits in the studio, and it excels as a hair or accent light for group shots. The RGBWW LED array has an integrated diffuser for a soft wraparound, single-shadow beam. The fixture is constructed with full-length barndoors that can cut the beam down to a very narrow strip.

The SSL-36-RGB runs on AC or battery power. Passive cooling eliminates the need for a fan so there's no noise that could otherwise disrupt a video shoot.

PRECAUTIONS

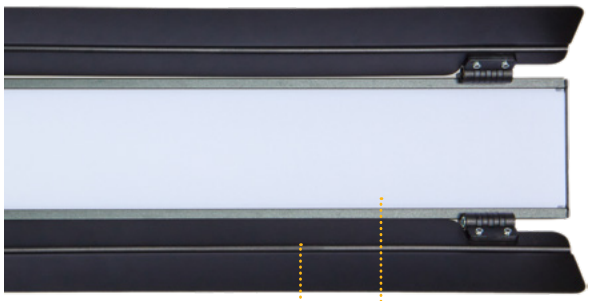


- Please read and follow these instructions and keep this manual in a safe place.
- Keep this unit away from water and any flammable gases or liquids.
- Make sure the unit is powered off when plugging it into a power source.
- Use only the correct, recommended voltage.
- Do not attempt to disassemble or repair the equipment—doing so will void the warranty, and Genaray will not be responsible for any damage.
- Handle the unit with care.
- Do not stare directly at the lights when they are powered on.
- Clean the unit with only a soft, dry cloth.
- Keep this unit away from children.
- Use only parts provided by the manufacturer.
- Make sure the item is intact and that there are no missing parts.
- All images are for illustrative purposes only.

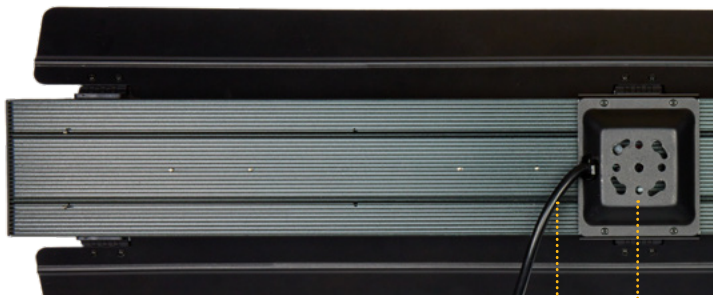
PRODUCT OVERVIEW

Light Fixture

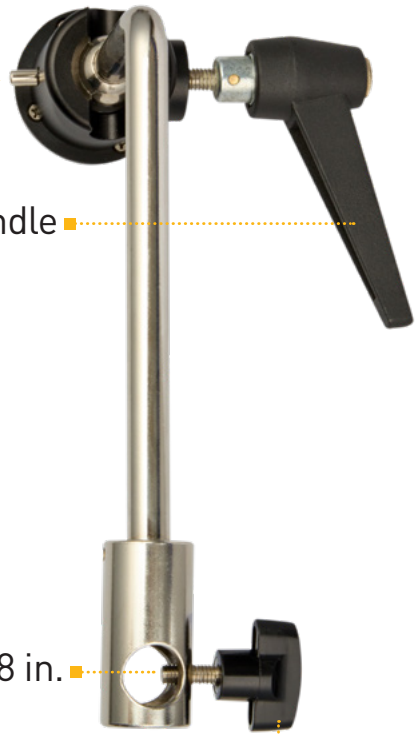
Front



Back



Lollipop Mount



Controller
Front



Right



Back


Battery release button
Battery contacts
V-mount battery slot

Left


DMX input
DMX output
USB Standard-A port
PUSH
USB
DMX INPUT
DMX OUTPUT

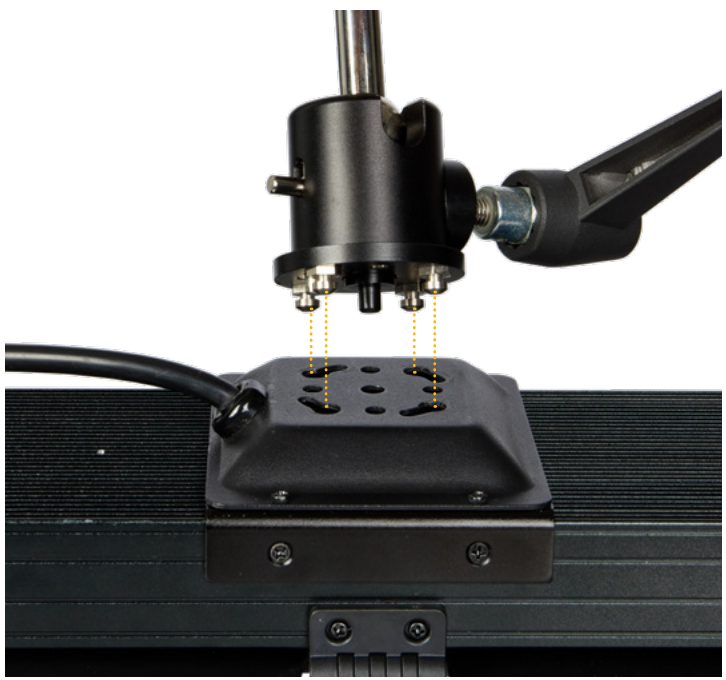
CONTENTS INCLUDE

- Light fixture with barndoors
- Lollipop mount
- Control box with V-mount
- AC adapter and power cable
- Antenna
- Carry bag
- User Manual
- One-Year Limited Warranty

MOUNTING THE SSL-36-RGB

ATTACHING THE LOLLIPOP MOUNT

1. Close the barndoors and place the light face down on a flat surface.
2. Align the lollipop mount with the mounting plate and insert the pins into the mounting plate holes.



3. Make sure the lollipop mount is flush with the mounting plate and rotate the lollipop mount a quarterturn clockwise until it clicks into place.



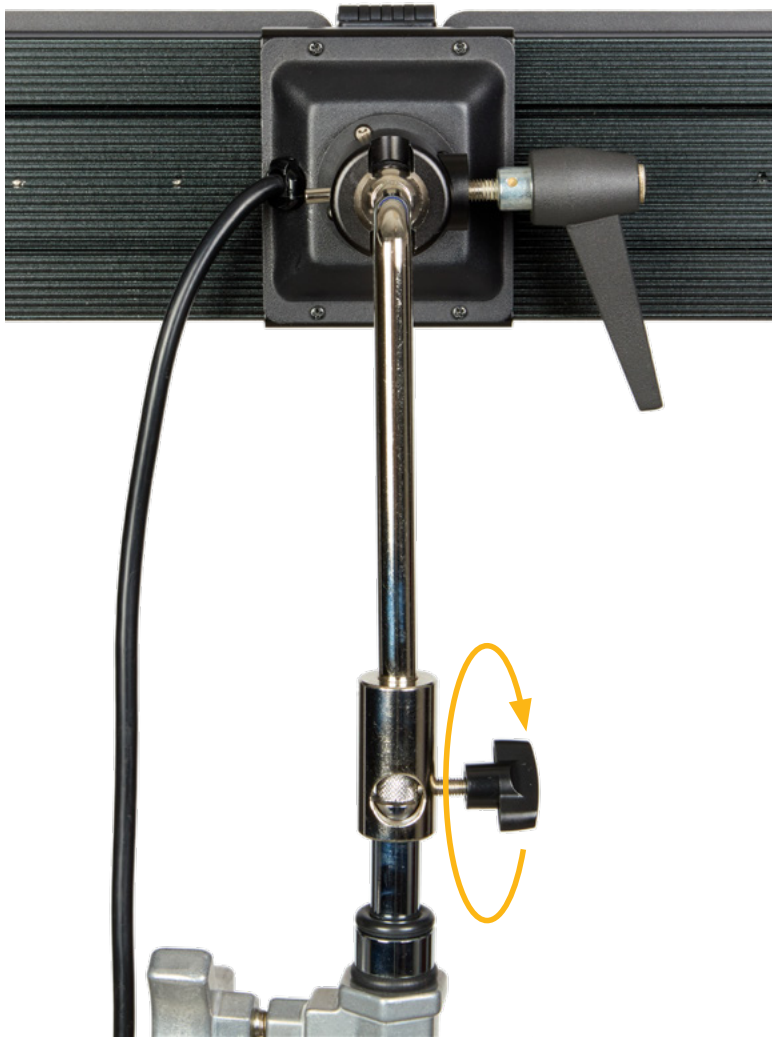
To remove the lollipop mount, press up on the release button, turn the lollipop mount a quarter turn counterclockwise, and lift it off the mounting plate.



MOUNTING ON A LIGHT STAND

1. Make sure the ratchet handle is tightened before mounting the SSL-36-RGB.
2. Loosen the locking knob and place the 5/8-inch receiver on a light stand.
3. Tighten the locking knob until secure.
4. Loosen the ratchet handle to adjust the light's tilt and swivel. Once the light is aimed, retighten the ratchet handle and make sure the fixture is secure.

Pro Tip: To prevent the light stand from tipping over, place a counterweight like a sandbag over one or two legs of your light stand.



POWERING THE SSL-36-RGB

USING THE SSL-36-RGB WITH AC POWER

1. Connect the AC power adapter to the control box with the locking 4-pin XLR connector and plug the power cable into an outlet.

Important!
The connectors should easily attach. Don't use force to connect the control box to the light fixture.



2. Align the notches of the light's power input cable with the controller's DC output connector and press it in until it clicks.



3. Push the 3-way power switch to the AC position.

To remove the light's power input cable from the controller, twist the collar counterclockwise and pull it out.



Securing the AC Adapter to the Controller

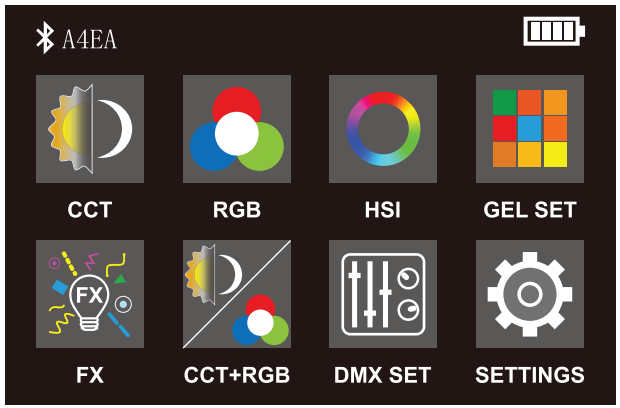
1. Insert the V-mount adapter into the V-mount slot of the control box until it clicks into place.
2. Once the AC adapter is secured to the control box, use the hanger loop to hang the control box on a hook or on your light stand.



USING THE SSL-36-RGB WITH BATTERY (DC) POWER

1. When attaching a V-mount battery, make sure the power switch is in the off position and disconnect the AC adapter so the control box is not plugged into a wall outlet.
2. Align the battery terminals with the contacts in the battery mount.
3. Place the battery into the mount and push the battery toward the contacts until it clicks into place.
4. Push the 3-way power switch to the DC position.

USER INTERFACE



Press the Menu button to access the main menu that displays all operating modes and settings menus.

1. Turn the control dial to select one of the operating modes.
2. Press the control dial to select and enter the sub menu for that mode.

ADJUSTING VALUES

1. Turn the control dial to highlight one of the operating mode's sub menu options and press the dial to select it.
2. Turn the control dial to adjust the sub menu's value and press the control dial again to set the new value.
3. Press the Menu button again to leave the sub menu and return to the main menu.

DIMMING CURVE

Dimming curve is an option in several of the operating modes.

The dimming curve describes the relationship between the dimmer and the actual light output produced by the SSL-36-RGB.

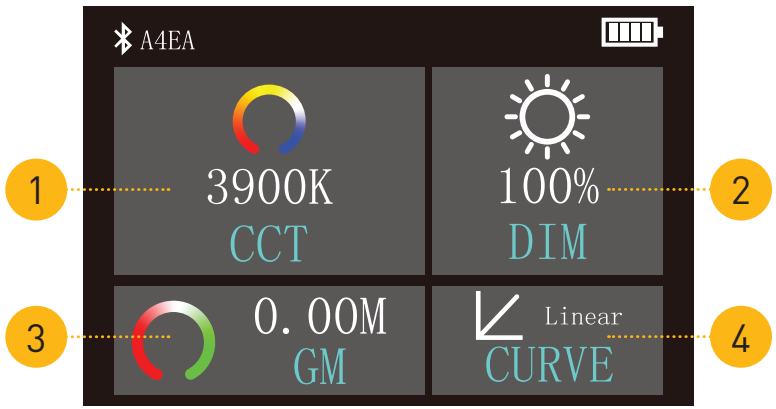
Linear: Brightness increases by the same percentage as the dimmer value. (i.e. The brightness increases by 1% for every 1% value increase in the dimmer value.)

S-curve: Uses the camera's sensor as reference. Brightness slowly increases at the top and bottom of the brightness range and increases more rapidly in the middle of the range.

Log: Logarithmic curve. Brightness changes slowly at lower dimmer values and faster at higher dimmer values.

Exp: Exponential dimming curve. Brightness level increases more rapidly as the brightness value increases.

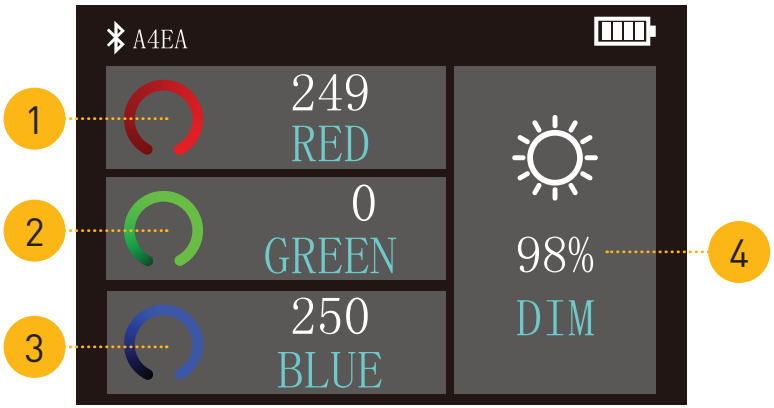
CCT MODE



Set the color temperature from 2500K to 10,000K and adjust the tint.

1. Color temperature
   (2500K to 10,000K in 50K increments)
2. Brightness
   (0% to 100% in 1% increments)
3. Tint (Green / Magenta)
   0.00 ± 1.00 in 0.01 increments
   (-1=full magenta, +1=full green)
4. Dimming curve (Linear, S-curve, Log, Exp)

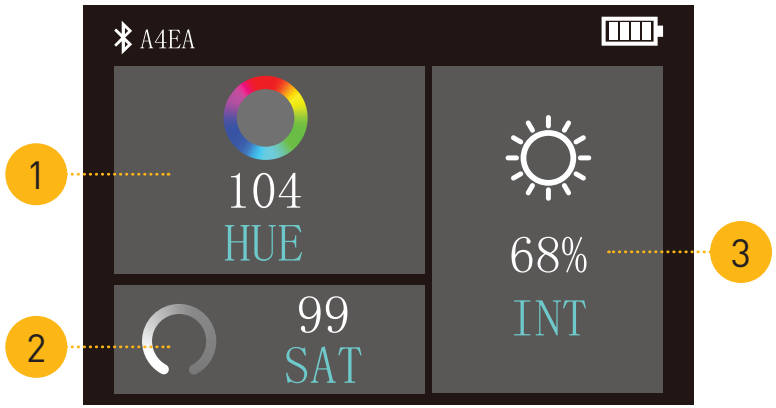
RGB MODE



Create a hue by precisely adjusting the levels of red, green, and blue.

1. Red (0-255)
2. Green (0-255)
3. Blue (0-255)
4. Brightness (0% to 100%)

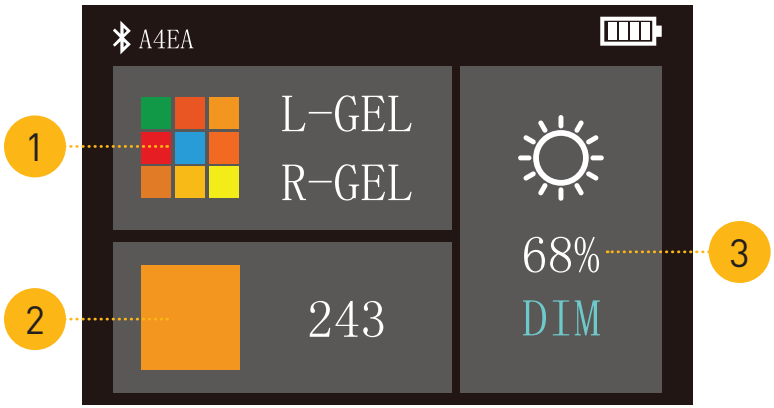
HSI MODE MODE



Select a hue on the 360-degree color wheel from 1° to 360° and adjust its saturation level.

1. Color (0° to 360° in 1° increments)
2. Saturation 0% (white) to 100% (full color)
3. Brightness (0% to 100%)

GEL MODE



Mix RGBWW LEDs to accurately produce one of 20 Lee gels or one of 20 Rosco gels.

1. Lee Gel / Rosco Gel
2. Gel number/name
3. Brightness (0% to 100%)

LIST OF GELS

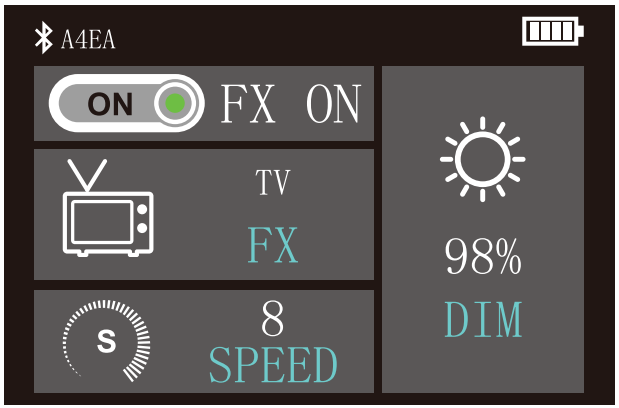
L-Gel (Lee)

· 131	· 137	· 007	· 115
· 148	· 723	· 243	· 110
· 002	· 169	· 603	· 048
· 128	· 201	· 194	· 602
· 724	· 036	· 701	· 117

R-Gel (Rosco)

· R65	· R93	· R38	· G990
· R9406	· E724	· R4415	· G220
· R333	· E165	· E156	· G720
· G910	· E153	· R397	· E128
· R92	· G342	· E723	· R51

FX MODE



Select from the thirty-nine pre-loaded animated lighting effects, each with editable parameters.

DESCRIPTION OF EFFECTS

RGB LED Effects

Lightning 1: Simulates lightning with flashes of white light.

Lightning 2: Simulates lightning with rapid flashes of white light.

TV: Simulates the glow from a television with constant light and random color temperature changes.

Candle: Simulates candlelight with flickering 2500K light.

Paparazzi: Simulates multiple camera flashes with short bursts of white light with varying lengths.

Flash: Simulates a camera flash with strobing white light.

Far/Near Light: White light alternating in intensity.

Alarm: 2500K light flashing at regular intervals.

Heartbeat: Pulsing 2500K light.

Police Car: Alternating flashes of red and blue light (five flashes each).

Fire Truck: Alternating flashes of red and blue light (three flashes each).

Ambulance: Alternating flashes of blue and red light (three flashes each).

HSI-S: Dissolves of red, green, blue, yellow, magenta, and cyan light.

HSI-F: Rapid dissolves of red, green, blue, yellow, magenta, and cyan light.

Red Flash: Flashing red light.

Green Flash: Flashing green light.

Blue Flash: Flashing blue light.

Party 1: Flashes of random colored light.

Party 2: Rapid flashes of random colored light.

Ballroom LED: Flashes of red, green, and blue light at random lengths.

RGB Pixel Effects

Pong Chase 1 (Flow LED 1): One multi-colored rising zone.

Pong Chase 2 (Flow LED 2): One multi-colored descending zone.

Rainbow Pong 1 (Flow LED 3): Two multi-colored crisscrossing zones.

Rainbow Pong 2 (Flow LED 4): Alternating one and two multi-colored crisscrossing zones.

Color Flow 1 (Flow LED 5): Single red, green, blue, yellow, magenta, and cyan zones flow over a blank panel.

Color Flow 2 (Flow LED 6): Single red, green, blue, yellow, magenta, and cyan zones flow over the previous color.

RGB Pixel Chase (Flow LED 7): One colored zone follows another (red, green, blue, yellow, magenta, cyan).

Red Pixel Stax (Flow LED 8): 16 red pixels stack up one by one and repeat.

Green Pixel Stax (Flow LED9): 16 green pixels stack up one by one and repeat.

Blue Pixel Stax (Flow LED 10): 16 blue pixels stack up one by one and repeat.

Yellow Pixel Stax (Flow LED 11): 16 yellow pixels stack up one by one and repeat.

Magenta Pixel Stax (Flow LED 12): 16 lavender pixels stack up one by one and repeat.

Cyan Pixel Stax (Flow LED 13): 16 cyan pixels stack up one by one and repeat.

Rainbow Pixel Stax (Flow LED 14): 16 pixels stack up one by one, alternating colors.

Green Drip (Flow LED 15): 16 green pixels fill up a blank panel.

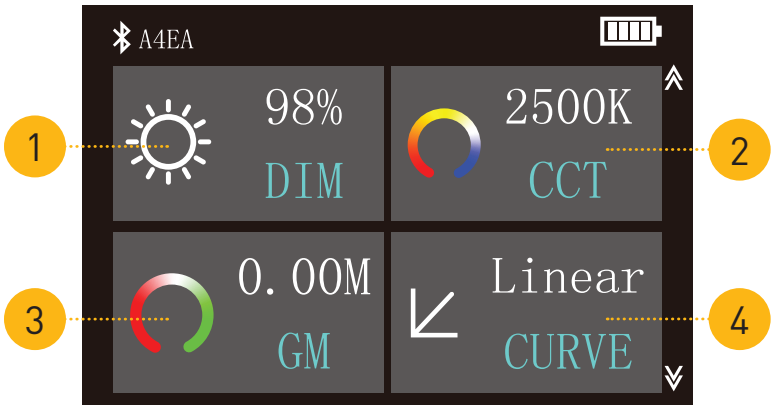
Yellow Drip (Flow LED 16): 16 yellow pixels fill up a blank panel.

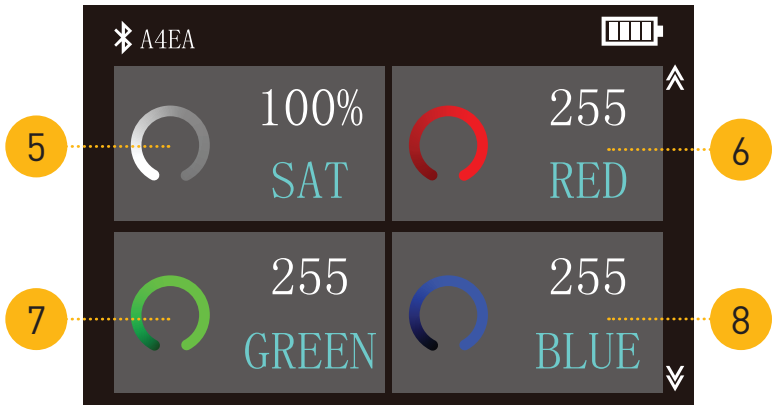
Magenta Drip (Flow LED 17): 16 magenta pixels fill up a blank panel.

Rainbow (Flow LED 18): Red, green, blue, yellow, magenta, and cyan zones flow continuously across the panel.

RGB Barber Pole (Flow LED 19): Red, green, and blue pixels flow continuously across the panel.

CCT + RGB MODE

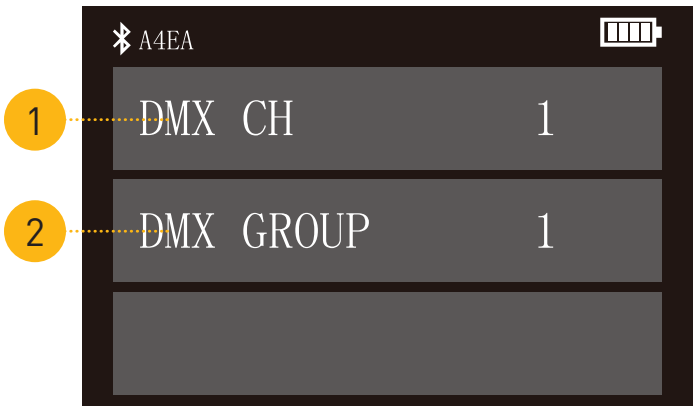




Create a hue with RGB settings and set the white balance CCT.

1. Brightness
2. Color Temperature (2500K to 10,000K)
3. Tint (Green / Magenta)
   0.00 ± 1.00 in 0.01 increments
   (-1=full magenta, +1=full green)
4. Dimming curve (Linear, S-curve, Log, Exp)
5. Saturation (100% to 0%)
   100% saturation= full color, 0%=white
   As the saturation level decreases, it blends the hue with the white light's color temperature and green/magenta tint that are set in the color temperature control.
6. Red (0 to 255)
7. Green (0 to 255)
8. Blue (0 to 255)

DMX SETTINGS



The SSL-36-RGB supports DMX-512, so the light's settings can be remotely controlled from a DMX console or wirelessly via CMRX.

1. DMX Channel (Off, 1 to 512)
2. DMX Group (1 to 4)

To set up DMX operation on the SSL-36-RGB, follow these steps:

1. Use a 5-pin XLR cable to connect a DMX controller to the SSL-36-RGB's DMX input jack.
2. Use the light's DMX output jack to connect multiple lights or to insert a DMX terminator.
3. Set a DMX address by selecting a DMX channel and group.

Important!
The SSL-36-RGB has 48 pixels and requires up to 144 DMX channels to control the pixels individually.
Make sure the light's DMX addresses match the DMX console.
Refer to the DMX chart to assign DMX channels.

DMX CHANNELS

DMX 1 Group [1]

Channel	Value	Function
1	1-100%	Dimming
2	2500K-10000K	CCT
3	0.00-1.00	Green/Magenta
4	0-100%	Crossfade/ Saturation
5	0-255	Red
6	0-255	Green
7	0-255	Blue

[1] In DMX [1] Group, curves can be set manually on the control panel.
Set White Balance to desired setting before crossfading to RGB.

DMX 2 Group [2]

Channel	Value	Function
1	1-100%	Dimming
2	2500K-10000K	CCT
3	0.00-1.00	Green/Magenta
4	0-100%	Crossfade to Dimming
5	1-39	FX
6	0-10	FX Speed
7	0-255	Crossfade to Red
8	0-255	Green
9	0-255	Blue
10	0-360	Crossfade to Hue
11	0-100%	Saturation
12	0-100%	Intensity

[2] Set curves manually.
White balance for FX is 10,000K.

DMX 3 Group

Channel	Value	Function
1	0-100%	Dimming
2	2500K-10000K	CCT
3	0.00-1.00	Green/Magenta
4	Linear, S-Curve, LOG, EXP	Curves

DMX 4 Group [3]

Channel	Value	Function
1	0-255	Red
2	0-255	Green
3	0-255	Blue

[3] The SSL-36-RGB has 48 pixels and requires 144 channels to adjust each pixel in DMX 4 Group.

SYSTEM SETTINGS



Global settings for the SSL-36-RGB.

1. Bluetooth Reset: Restores Bluetooth to default settings.
2. Language: Select English or Chinese.

BLUETOOTH OPERATION

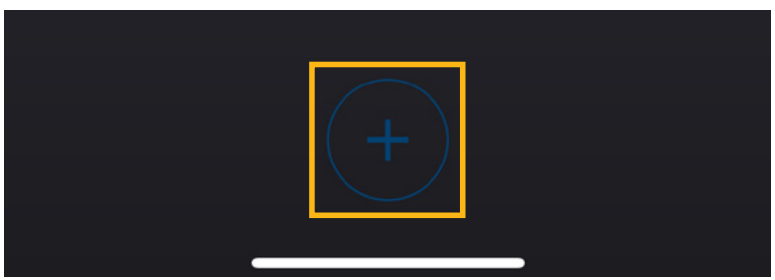
The SSL-36-RGB uses the **Bright Beast app** for its wireless Bluetooth operation. The Bright Beast app is available for iOS and Android devices. Go to the App Store or Google Play Store to download the free app and install it on your device.

App Store

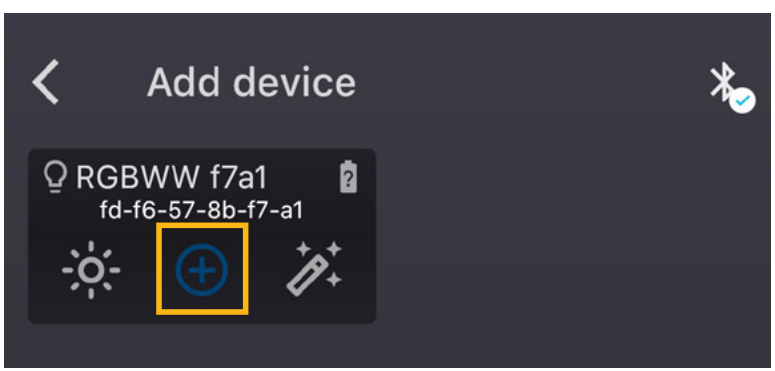
Google Play

PAIRING THE SSL-36-RGB WITH YOUR DEVICE

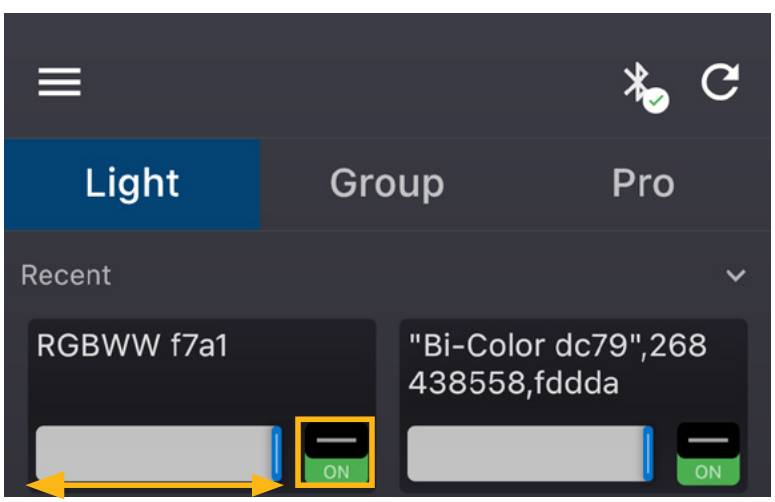
1. Make sure the SSL-36-RGB is turned on.
2. Open the Bright Beast app and touch the Add Device icon.



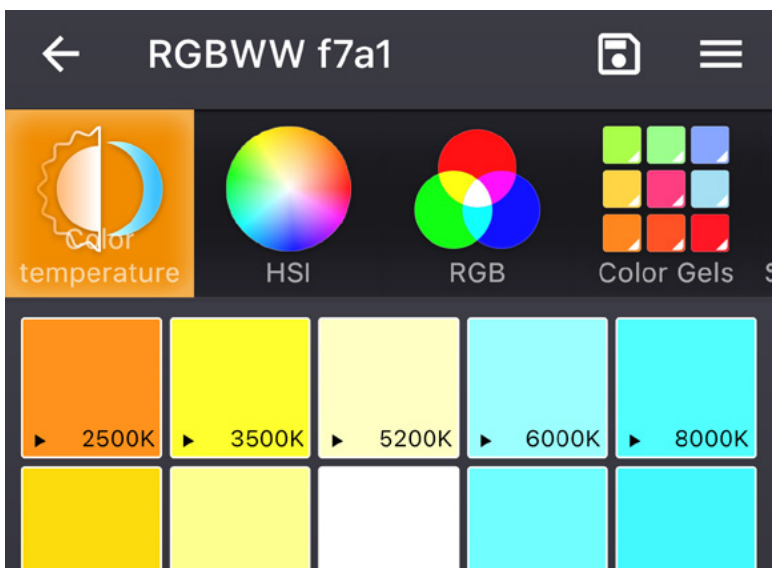
3. Your light's icon will appear in a few seconds. Press the + icon to pair your light with your device.
   If the app is unable to find the SSL-36-RGB, tap the Rescan button at the bottom of the screen.
   If the app continues to search for the light without syncing, tap the Info button at the bottom of the screen and follow the instructions.



4. Once you have added your light to the app and tapped the + button, the light control page will appear.
   Make sure the toggle switch is set to "On" and the brightness slider is turned up.
5. Tap the toggle switch to turn the light on and off. Touch the slider and run your finger to the right to increase the light's brightness. Run your finger to the left to decrease brightness.



6. Tap your light's name. The Control page will appear. From this page you can access the SSL-36-RGB's six operating modes and control the light from the app.



Please refer to the Bright Beast app's user manual for operating instructions. The manual can be downloaded from the SSL-36-RGB's page on Genaray.com.

PRODUCT SPECIFICATIONS

LED Chip: RGBWW

Beam Angle: 65°

Color Temperature : 2500 to 10,000 K

CRI: 96.3 @ 5600 K

TLCI: 99 @ 5600 K

Dimming: 0% to 100%

Max Power Consumption: 80 W

Display: LCD

Housing Material: Aluminum

Light Intensity @ 1 m: 1310 lx

Expected Lamp Life: 50,000 hr.

Dimensions (W × H × D): 35.8 × 4.6 × 2.5 in. (91 × 11.7 × 6.5 cm)

Weight (w/ Lollipop Adapter): 7.7 lb. (3.5 kg)

ONE-YEAR LIMITED WARRANTY

This Genaray product is warranted to the original purchaser to be free from defects in materials and workmanship under normal consumer use for a period of one (1) year from the original purchase date or thirty (30) days after replacement, whichever occurs later. Genaray's responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at Genaray's discretion, of any product that fails during normal use of this product in its intended manner and in its intended environment. Inoperability of the product or part(s) shall be determined by Genaray. If the product has been discontinued, Genaray reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover damage or defect caused by misuse, neglect, accident, alteration, abuse, improper installation or maintenance. EXCEPT AS PROVIDED HEREIN, GENARAY MAKES NEITHER ANY EXPRESS WARRANTIES NOR ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. This warranty provides you with specific legal rights, and you may also have additional rights that vary from state to state.

To obtain warranty coverage, contact the Genaray Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to Genaray along with the RMA number and proof of purchase. Shipment of the defective product is at the purchaser's own risk and expense.

For more information, or to arrange service, visit www.genaray.com or contact us at info@genaray.com.

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