



LED-OX-RGB

LED-OX-BI

LED-LA-RGB

LED-LA-BI

RGB / BI-COLOR LAMP

WITH

OCTA BOX / LANTERN

USER MANUAL



THANK YOU FOR CHOOSING RAYA

Raya LED softboxes and lanterns are made for portability and are extremely easy to set up and use. The LED light is built in and the softbox and lantern open in one easy motion, like an umbrella. All you need to do is mount them on a light stand or boom arm and begin shooting.

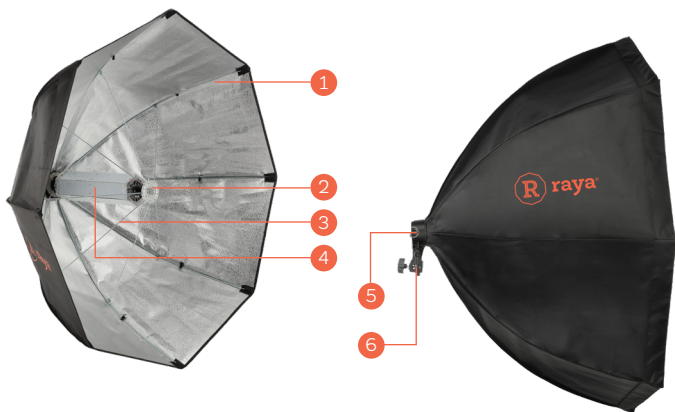
The octagonal softbox features a textured silver interior that reflects and amplifies the light while simultaneously shaping the beam and controlling light spill. The softbox can be used as a key light or a fill light. Thanks to its octagonal shape, the softbox also creates natural-looking catch lights that will make subjects' eyes sparkle. An included diffuser attaches in seconds and softens the beam for a large diffused light source and a flattering wrap-around light.

The octagonal lantern is perfect for creating highly diffused illumination that fills a room with soft and enveloping light—perfect for portraits, influencer videos, and vlogging. The lantern can be mounted on a light stand or on a boom arm so it can hang directly overhead.

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.
- Do not stare directly at the light when it's powered on.
- Clean the unit with only a soft, dry cloth.
- Keep this unit away from children and pets.
- Make sure the unit is intact and that there are not missing parts.
- All images are for illustrative purposes only.

OVERVIEW



Softbox

1. Support rods
2. Spreader
3. Ribs
4. LED light
5. Control panel
6. 5/8 in. 2-way receiver and tilt lock



Lantern

1. Control panel
2. 5/8 in. 2-way receiver and tilt lock
3. Support rods
4. Spreader
5. LED light
6. Light spill control flaps

OPENING AND CLOSING

The softbox and lantern open like an umbrella.

Press the center spreader until the softbox and lantern are completely expanded and the spreader locks into place.

To close, press in on the spreader to release the lock; let it slide forward to collapse the softbox or lantern.



MOUNTING

The light comes with a two-way 5/8-inch receiver that's compatible with any light stand, boom arm, or wall/ceiling mount with a 5/8-inch stud.

1. Loosen the locking knob and fully insert the receiver over the stud.



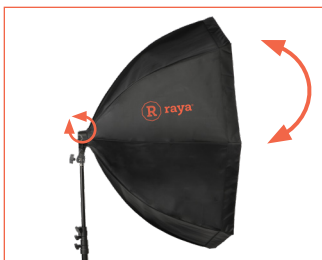
2. Tighten the locking knob until secure.



Adjusting the Tilt Angle

Loosen the tilt lock and adjust the softbox to the desired angle.

If something obstructs the handle from rotating, pull the handle out so it disengages and turn it. Release the handle and it will reengage, so you can continue to tighten or loosen it.



POWERING THE LIGHT

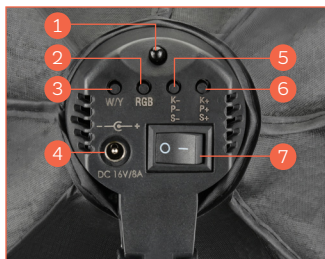
Plug the AC adapter into the light and an available power plug or outlet.

Press the ON (–) switch to power up the light.

Note: The light must be turned on in order to use the remote control.

CONTROL PANEL OPERATION

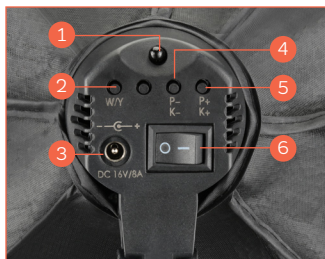
LED-LA-RGB & LED-OX-RGB



1. IR antenna
2. RGB mode selector
3. White/Yellow mode selector
4. Power input
5. Right adjustment button
6. Left adjustment button
7. On/Off switch

Button	Modes Available by Pressing the Button	Adjustment Buttons
W/Y	Cool: approx. 3000 K Neutral: approx. 4200 K Warm: approx. 5500 K	Change color temperature from 3200 K to 5600 K in 10-step increments
RGB	Solid red, Solid green, Solid blue	Adjust brightness
RGB	Solid yellow, Solid cyan, Solid pink	Adjust hue
RGB	Blinking red, Blinking green, Blinking blue, Blinking yellow, Blinking cyan, Blinking pink	Adjust blinking speed
RGB	Blink cycle through all colors, Pulse cycle through all colors, Breathing cycle through all colors	Adjust cycle speed

LED-LA-BI & LED-OX-BI



1. IR antenna
2. White/Yellow mode selector
3. Power input
4. Left adjustment button
5. Right adjustment button
6. On/Off switch

Button	Modes Available by Pressing the Button	Adjustment Buttons
W/Y	5500 K 4200 K 3000 K	P+, P-: Adjust brightness

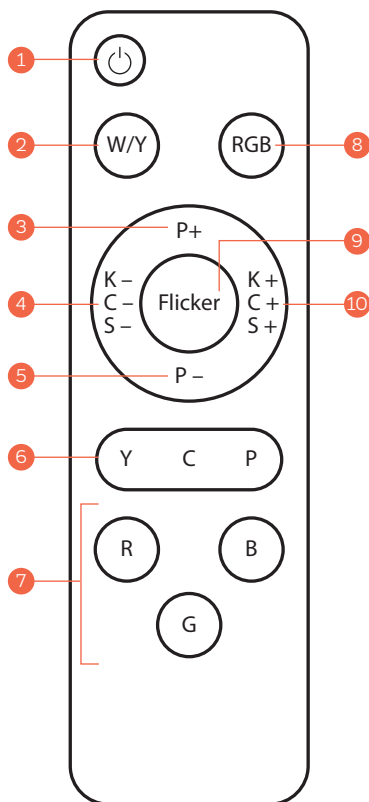
REMOTE CONTROL OPERATION

The remote control unlocks all the potential of your light. Operating the light with the remote control is recommended. The IR sensor has a range of up to 26 feet.

The IR remote must have line-of-sight contact with the light for it to work. Make sure there are no obstructions between the remote and the light when in use.

RGB Lights

LED-LA-RGB & LED-OX-RGB



1. Sleep/Pause
2. White/Yellow mode selector
3. Top adjustment button
4. Left adjustment button
5. Bottom adjustment button
6. Yellow/Cyan/Pink selector
7. Red/Green/Blue presets
8. RGB mode selector
9. Flicker button
10. Right adjustment button

Sleep/Pause

Note: The power switch on the light must be on for the remote to work. Press the Sleep/Pause button to momentarily turn the light off. Press again to resume operation with the most recent settings.

White/Yellow Mode

Press repeatedly to cycle through 3-step color temperature selection.

Warm: Approximately 3000 K

Neutral: Approximately 4200 K

Cool: Approximately 5500 K

Use the P+ and P- buttons to adjust the 14-step brightness.

Use the C+ and C- buttons to change the color temperature from 3000 K to 5500 K in 10-step increments.

Flicker Mode

The flicker feature only operates when the light is in W/Y mode. Press the Flicker button repeatedly to cycle through flicker effects.

1. Blink: Cool white
2. Blink: Warm white
3. Cycle: All three preset color temperatures without pause.
4. Cycle: Transition—all three color temperatures fade into the next without pause.

The S+ and S- buttons control the blinking and transition speeds.

The P+ and P- buttons adjust the brightness.

RGB Mode

Press the RGB selector repeatedly to cycle through the following colors and effects:

- | | |
|-------------------|--|
| 1. Solid red | 9. Blinking blue |
| 2. Solid green | 10. Blinking yellow |
| 3. Solid blue | 11. Blinking cyan |
| 4. Solid yellow | 12. Blinking pink |
| 5. Solid cyan | 13. Blink cycle through all colors |
| 6. Solid pink | 14. Pulse cycle through all colors |
| 7. Blinking red | 15. Breathing cycle through all colors |
| 8. Blinking green | |

Effects 1-3: The K+ and K- buttons adjust the brightness.

Effects 4-6: The C+ and C- buttons change the hue in 10-step increments.

Effects 7-15: The S+ and S- buttons adjust the blinking, pulse, and breathing speeds.

YCP Mode

YCP (Yellow, cyan, and pink) mode offers three more color presets and the ability to gradually shift the hue to the presets red, green, and blue.

Press on the sides or the center of the YCP button for a steady yellow, cyan, or pink light.

The C+ and C- buttons change the hue in 10-step increments.

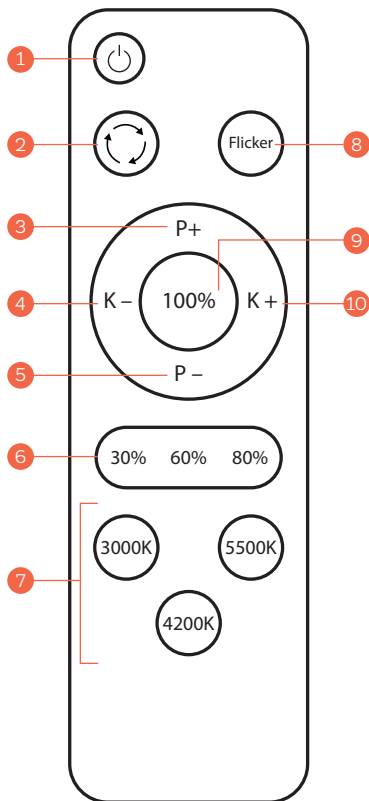
Hue	Ten-Step Transition
Yellow	C-: Green C+: Red
Cyan	C-: Blue C+: Green
Pink	C-: Blue C+: Red

RGB Presets

The RGB presets display a steady red, green, or blue light. Use the left and right buttons to dim the light in 9-step increments.

Bi-Color Lights

LED-LA-BI & LED-OX-BI



1. Sleep/Pause
2. Cycle button
3. Top adjustment button
4. Left adjustment button
5. Bottom adjustment button
6. Brightness presets
7. Color temperature presets
8. Flicker button
9. 100% brightness button
10. Right adjustment button

Sleep/Pause

Note: The power switch on the light must be on for the remote to work.

Press the Sleep/Pause button to momentarily turn the light off. Press again to resume operation with the most recent settings.

White/Yellow Mode

Select one of the three color temperature presets.

Use the K+ and K- buttons to select the color temperature from 3000 K to 5500 K in 10-step increments.

Select one of the brightness presets or press the P+ and P- buttons to adjust the brightness in 14-step increments.

Cycle Mode

Cycles smoothly through the color temperature range from 3000 K to 5500 K and back.

Press the K+ button to increase the cycle speed or press the K- button to decrease the speed.

Press the brightness preset buttons or press the top and bottom buttons to adjust the brightness in 14-step increments.

To stop Cycle mode, press one of the color temperature preset buttons.

Flicker Mode

Pres the Flicker button repeatedly to cycle through the flicker effects:

1. Blink: Cool white
2. Blink: Neutral white
3. Cycle: All three preset color temperatures without pause.
4. Blink: Warm white

The K+ and K- buttons control the blinking and transition speeds.

The P+ and P- buttons adjust the brightness.

To stop Flicker mode, press one of the color temperature preset buttons.

ATTACHING THE DIFFUSER

(OCTA BOX ONLY)

Hold one corner of the diffuser in place and gently go around the perimeter fitting each corner over the edge of the octa box.



SPECIFICATIONS

Light Fixture

	LED-OX-BI	LED-LA-BI	LED-OX-RGB	LED-LA-RGB
Color Temperature	3000 K to 5500 K	3000 K to 5500 K	Approx 3000 K to 5500 K	Approx 3000 K to 5500 K
RGB	-	-	Red, green, blue, yellow, pink, cyan	Red, green, blue, yellow, pink, cyan
Color Accuracy Standard (CRI / TLCI)	97 / 98	96.7 / 98	97.4 / 98	96.2 / 98
Cooling System	Passive	Passive	Passive	Passive
Dimming	Yes W/Y, Cycle, Flicker modes	Yes W/Y, Cycle, Flicker modes	Yes W/Y, Flicker, RGB Preset modes	Yes W/Y, Flicker, RGB Preset modes
Housing Material	ABS plastic	ABS plastic	ABS plastic	ABS plastic
Light Intensity @ 1m	4760 (without diffuser)	747 lx	4440 (without diffuser)	750 lx
Expected Lamp Life	50,000 hours	50,000 hours	50,000 hours	50,000 hours
Power input Connector	Barrel coaxial	Barrel coaxial	Barrel coaxial	Barrel coaxial
Folded Length	30.25 in. (76.8 cm)	34 in. (86.4 cm)	30.25 in. (76.8 cm)	34 in. (86.4 cm)
Weight (with AC adapter)	3.8 lb. (1.72 kg)	3.1 lb. (1.4 kg)	3.8 lb. (1.72 kg)	3.1 lb. (1.4 kg)

Mounting

Fixture Mount	2-way 5/8 in. (16 mm)
Tilt	±90°

Power

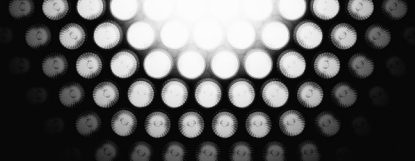
AC Input Power	110 to 240 VAC, 50/60 Hz
DC Input Power	16V 8A
Power Source	AC adapter
Max Power Consumption	100 W

Softbox / Lantern

	LED-OX-RGB LED-OX-BI	LED-LA-RGB LED-LA-BI
Type	Softbox	Lantern
Width	36 in. (91.4 cm)	24 in. (61 cm)
Depth	18 in. (45.7 cm)	20 in. (50.8 cm)
Interior Color	Silver	Translucent white
Light Compatibility	Integrated into light fixture	Integrated into light fixture
Quick Open	Yes	Yes
Removable Front Face	Yes	No
Interior Baffle	No	No

Power

Remote Control Type	Proprietary
Frequency	IR
Range	26 ft. (8 m)



ONE-YEAR LIMITED WARRANTY

This RAYA 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. The warranty provider's responsibility with respect to this limited warranty shall be limited solely to repair or replacement, at the provider'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 the warranty provider. If the product has been discontinued, the warranty provider 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, THE WARRANTY PROVIDER 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 Raya Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to Raya 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 rayalighting.com or call Customer Service at 212-594-2353.



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www.gradusgroup.com

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