COLBOR CL60R RGB COB Light User Manual

Contents

COLBOR CL60R RGB COB Light

Create your powerful lighting studio on the move.

A powerful RGBWW Bowens Mount COB light that can form a light matrix up to extraordinary 650W with familiar PowerCube Design and Matrix Control, COLBOR CL60R is a powerful and in-full-color RGB light with color accuracy at the forefront of its design. The ultra-compact fixture CL60R has variable color temperature from 2700K to 6500K and RGBWW that allows a choice of 360 colors whose saturation and hue can be tweaked to

create myriad custom colors for interiors, exteriors, and mixed lighting envi – ronments.

Powerful Light with full color
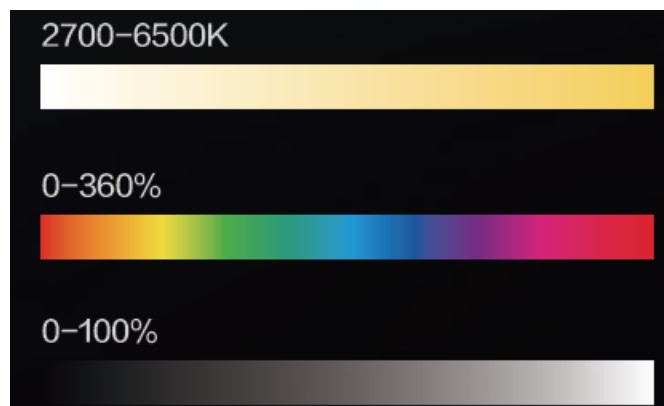
65W COB Light with Powerful Output

With inbuilt 65W COB point source LED beads, COLBOR CL60R powers up the light with a max draw of 80W, delivering 2217 lux at 1 meter and surprisingly constant output of 22974 lux at 3.3' with PowerReflector provided.

PowerCube for Mega Power

COLBOR PowerCube is designed to construct each 65W light into a powerful cubic lighting matrix seamlessly. By sliding them in together you can create mega power up to 650W, turning a small portable COB light into a giant power light.

360 Full Color Tunable with RGBWW

In addition to the wide CCT range of 2700K to 6500K, CL60R offers full color with adjustable saturation and hue ratings, so you won't experience shifting colors due to missing frequencies in the output. Up to 3600000 colors can be displayed in HSI mode. Light intensity is variable too, from 0 to 100% to match the ambient level or serve as an adjustable key light.

More Than RGB

Equipped with a built-in sensitive audio system, CL60R can "hear" ambient sound, voice, music keenly, and calculate the light effect in real time according to the sound, creating a light atmosphere that matches the sound, and bringing a unique audio-visual synaesthesia experience by using the sound light joint technology. The CL60R can not only make visual sound spectrum, but also make the most intelligent lighting atmosphere group when shooting.

Powerful Light that works

97+ CRI, High Color Fidelity
To reveal the original color of objects, CL60R boasts a CRI rating of 97+ to fill your shoots with authentic and beautiful colors. It runs on Daylight Simulation System, which effectively prevents your filming objects from getting graying or looking sick.

13 Built-in Lighting FX
Fire, Spark, CCT Chase, Pulsing, Beacon, TV, Party, Explosion, Faulty Bulb, Welding, Strobe, Lightning, SOS, 13 built-in lighting FX help you evolve about 61 kinds of realistic scenarios in CL60R. Be lively and dynamic in live-streaming, create touching atmosphere in micro-filming.

Noiseless Cooling System

Humming bird-Intelligence Cooling System maintains proper temperature for the fixture during long term shooting. When Quiet Mode is turned on, it is quiet at less than 20dB, extremely noiseless even you set the light near the camera.

Portable & Universal

Universal Bowens Mount Adapter

Given the ultra-compact size, COLBOR CL60R is perfectly compatible with a variety of standard Bowens-mount light modifiers. You could easily transform it into a hard or soft light with versatile devices for multi-scene filming.

Ultra Compact size with Aluminum Body

Built with aerospace-grade Aluminum, the CL60R weighs only 600g and just sizes like a 24-70mm lens, easily to be stored in your backpack or the carrying bag provided.

Next-Gen Portable Power

Ahead of lighting industry, COLBOR CL60R stands by for your on-the-move studio. It supports power supply via PD power bank, PD adapter and other mobile power solutions e.g. V Mount battery, NP-F battery.

Fun. Fabulous. Full of Creations.

Works with COLBOR Studio

The adjustments for CL60R lighting can be realized instantly via COLBOR StudioTM App. Besides, COLBOR Studio develops the OTA intelligent function which empowers CL60R to continuously evolve and upgrade, bring more fun and professional experience for you.

Matrix Control System

With the integration of Matrix Control System, each CL60R COB light can act as a controller to the other light. This is important when more lights is "PowerCube" together as an inbuilt Light Neural Networks (referred to as LNNs) you can adjust the same CCT, HUE and color temperature for 10 lights together at the same time. A 2-inch super wide LED screen provides intuitive display.

Documents / Resources

COLBOR CL60R RGB COB Light [pdf] User Manual
CL60R RGB COB Light, CL60R, RGB COB Light, COB Light, Light

References

- **User Manual**