

Portable Lightweight

120W High-Brightness Full RGB Light



Exquisitely Crafted | Dual-Tone

Featuring a sleek, curved design
with smooth, flowing lines.





Bare Light	Reflector Lens
14800 Lux	62000 Lux

120W Full RGBWW Video Light

30 Years of Expertise — A Choice You Can Trust

Outdoor Key Light / High Brightness

FalconEyes F120C features an ultra-bright COB light source. A single unit is enough to meet the lighting or outdoor single-person shooting. It also offers RGB color options for creative lighting effects.

120W

Maximum Power Output

62000Lux

Peak Illuminance at 50cm



62000LUX

Peak Illuminance at 50cm

14300LUX

Peak Illuminance at 1m

14300LUX

Peak Illuminance at 3m

Different Colors Same Performance

The FalconEyes F120C is available in four stylish dual-tone options—two from the 9C series and from the Bi series—designed to suit every taste.



Standard Mini FE Mount

The FalconEyes F120C uses the mini FE mount, making it compatible with a wide range of accessories, including softboxes, lantern softboxes, 4x optical lenses, honeycombs, reflectors, and battery handles.



Versatile Applications

The FalconEyes F120C features ultra-bright COB LEDs and a compact housing, making it suitable for a wide range of shooting scenarios and applications.



Live Streaming



Product Photography



Vlog Videos



Portrait Photography

Three-Power Supply System Always Efficient

The FalconEyes F120C features an industry-unique three-power supply system, allowing you to easily power the light using a battery handle, GaN charger, or adapter.

77W Battery Handle
Peak Power: 100W

For full power output, please choose the adapter set.



140W GaN Charger
Peak Power: 100W



24V / 6A Adapter
Peak Power: 120W

Portable Professional Fill Light



Perfect for Outdoor Lighting and Creative Work

Wide Color Temperature Range to Capture Cinematic Atmosphere



2500K

5600K

10000K

Full RGBWW

Lighting That Brings Your Creations to Life

CRI
High CRI **CRI $\geq 96+$**



36000 Colors to Choose From

100% Brightness Adjustable | 100% Saturation Adjustable



Silent Cooling for Immersive Shooting

Smart Cooling System

High-Efficiency Heat Dissipation

Ultra-Quiet Operation



Equipped with custom low-noise fans, the heat dissipation significantly improves efficiency, making the light not only more portable but also ensuring long-lasting performance and stable output.

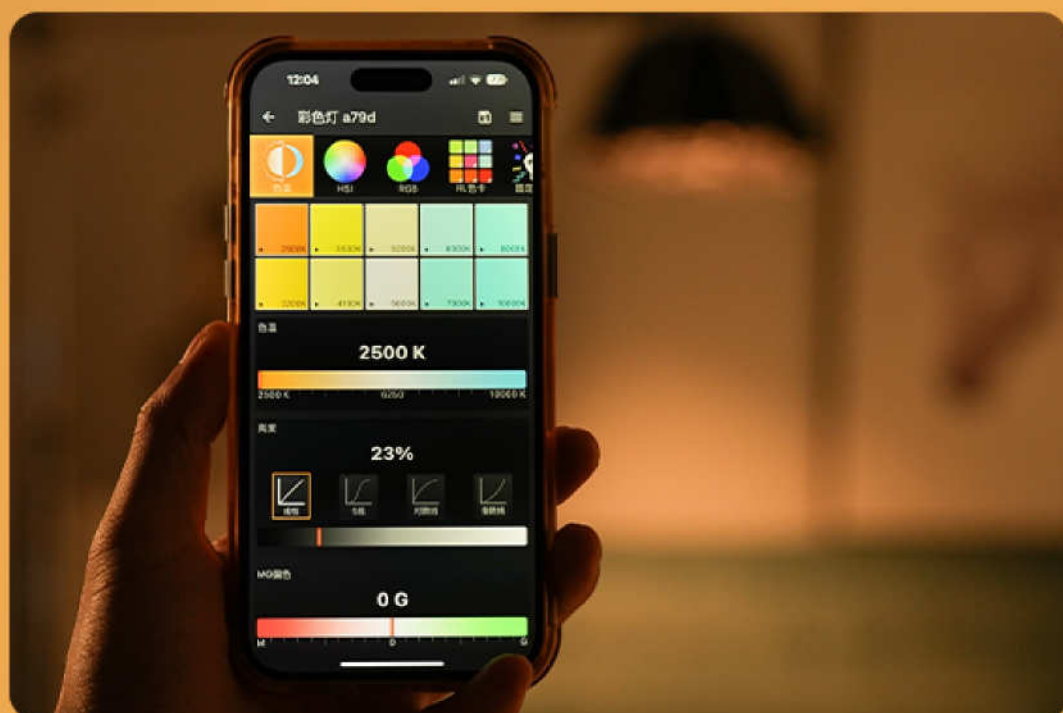
Lightweight Design / Efficient Fill Light

The F120C's compact design weighs only 120g, making it easy to fill light for everyday shooting.



Smart APP Control / Wireless Dimming

The F120C supports wireless control via the Desal Lite+ APP, giving you greater creative freedom and convenient, fast adjustments during shooting.





More Fun with Scene Lighting

Preloaded with 20 scene lighting effects, simulating police lights, lightning, TV, bar lights, and more, making it easy to shoot a variety of lighting scenarios and effortlessly create creative shots.

FX 20

Lighting Scene Effect

Expand Your Lighting Control Options

30 Years of Expertise | A Choice You Can Trust



120W Full RGBWW Video Light



30cm Parabolic Softbox



45cm Parabolic Softbox



30cm Diffusion Ball



Bowens Mount Adapter



Diffusion Lens



Magnetic Soft Diffuser



Magnetic Honeycomb Grid



4-Leaf Barn Door



77W Battery Handle



140W GaN Charger



Mini Tripod



Universal Wheel
Handle Adapter

Consistent Performance Across Multiple Scenarios

The F120C comes with a wide range of ecosystem accessories to fully meet professional shooting needs. The softbox and honeycomb attachments feature an upgraded magnetic design, allowing seamless switching between soft and hard light for both indoor and outdoor shooting, helping you create unique and creative lighting effects.



A WIDER RANGE OF ACCESSORIES



STANDARD 4x BRIGHTNESS BOOST LENS



OPTIONAL MAGNETIC HONEYCOMB GRID



OPTIONAL MAGNETIC DIFFUSION BALL



OPTIONAL OCTAGONAL MINI PARABOLIC
SOFTBOX WITH HONEYCOMB



OPTIONAL DIFFUSION BALL
(DIAMETER: 30 CM)



THREE POWER SUPPLY
OPTIONS AVAILABLE



OPTIONAL UNIVERSAL SWIVEL ADAPTER



OPTIONAL STRAIGHT LIGHT STAND MOUNT



Why Choose the F120C

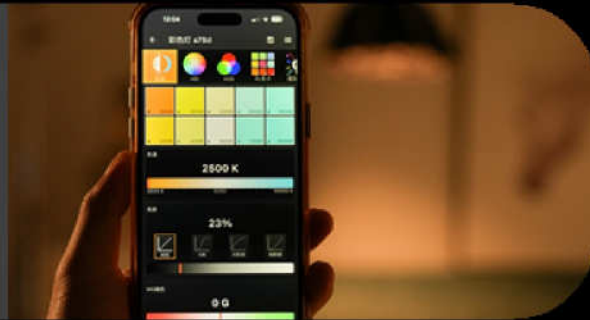


Compact & Portable Pocket-Sized Power

A pocket-sized light that delivers an impressive 120W COB brightness. Compact and portable, it's perfect for on-the-go shooting, boosting efficiency and convenience.

APP Remote Control

With a built-in Bluetooth module, you can download the Desal Lite+ APP for multi-light group control and long-distance remote lighting adjustments.



4x Brightness Boost with Lens

At the same shooting distance, the illuminance is 4.2 times higher with the lens compared to the bare light, making the lens a standard included accessory.

Universal On-Location Power Handle

Compatible with the Ruiying 77Wh on-location battery handle, as well as similar models from other brands, for flexible power supply options.



Standard Mini FE Mount

The universal mini FE mount supports a variety of accessories, including softboxes, diffusion balls, lenses, magnetic honeycombs, soft diffusers, and snoots for versatile lighting control.

Essential Light for Solo Shooting

With 120W of power, whether you're shooting outdoors, live streaming indoors, or doing product photography, the F120C handles it with ease. Designed for solo shooting, it simplifies your setup and reduces the need for additional lighting crew.



Product Specifications

Note: Test data may vary due to environmental conditions. Please refer to the actual product.

Ultra-Lightweight
Only 340g

Width: 111 mm



Length: 168 mm

Thickness: 44 mm

Bare Light (0.5m/1m/2m)

Bare Light

2500K: 10700lux / 2590lux / 680lux

5600K: 14800lux / 3530lux / 933lux

10000K: 17700lux / 3810lux / 954lux

With Reflector Lens

2500K: 45900lux / 10900lux / 2630lux

10000K: 64600lux / 15300lux / 3650lux

5600K: 62000lux / 14300lux / 3370lux

Standard Package Contents

F120C Light Body x1

Carrying Case x1



LED Count: 1 COB

Yellow 120W + White 120W + RGB 120W

Power Output: 120W

Color Temperature: 2500K — 10000K

CRI (Color Rendering Index): 96+

Operating Voltage: 24V 6A

Noise Level: 32.5 dB 0.2 m | 31 dB 0.5 m

Beam Angle (Bare Light): 62°

Net Weight: 0.34 kg

Dimensions: 168 x 111 x 44mm

