

Profoto Eclipse II

Specifications



Profoto Eclipse II captures pro-quality stills and videos of shoes and accessories with unparalleled depth of field and colour accuracy. Designed for e-commerce efficiency, Eclipse II is a powerful all-in-one solution that delivers consistent results and integrates seamlessly with our workflow management software.

1. Sequence Mode

Software and hardware work together to record and automatically edit your videos – ready for instant review. Use customizable presets to change camera position, tilt and zoom.

2. Video and Stills in One

A single setup to capture both stills and video saves space, speeds up your workflow and ensures matching colours.

3. Light Controller

Adjust the lighting by moving your finger on the iPad and instantly see the result.

4. Class-Leading Ergonomics

Unparalleled accessibility with dual Front doors and gas-lifted Side doors.

5. Main Structure

Custom designed and precision manufactured industrial enclosure in powder coated sheet steel and aluminum, hiding all cables and designed for a busy studio environment. Central spine contains a camera, robotics, computer, electronics, and power management. The slim profile and strategically placed feet ensure optimum working height and accessibility, whether you are standing or sitting on a stool. Side Doors articulate upwards on gas dampers and house the Striplights and Backwall lights. Front Doors swing sideways and house frontal Fill lights. The doors are fully white inside for optimum light conditions, and clad with industrial felt outside.

6. Inner Stage

Floor with turntable that can be unmounted for a fully flat floor. Backwall with hooks for attaching different backdrop sheets to create different looks. Inner sides of doors and camera arc are white matt reflective for a soft lighting environment. The surfaces are made from steel, allowing light modifiers to be magnetically attached.

7. 3-Axis Camera System

- Canon EOS-R8 camera
- Canon 24-105mm RF L lens with nano USM focus
- Motorised Zoom
- Motorised Tilt
- Motorised Elevation

8. Turntable

- Motorised 360° rotation
- Interchangeable top plates

9. Lighting System

Touch-controlled, high-CRI LED lighting system with 10 panels, individually adjustable via the iPad.

- Striplights: 3 high-CRI LED panels on each side of the product (6 in total), illuminating the product from the sides and above
- Fill lights: 1 high-CRI LED panel in each Front Door (2 in total) to illuminate the product from the front and fill in challenging areas
- Backwall light: 2 high-CRI LED panels illuminating the backwall and creating separation between product and background

10. Electronics

Apple M2 Mac Mini™ embedded, running proprietary StyleShoots Core software. Apple iPad™ Pro held by an integrated swivel-mount, running the native ProStudio iOS app. Custom electronics controlling Camera, Mechatronics and Lighting.

11. Ports

- USB for external storage
- Ethernet for Remote Support and Software Updates
- C14 mains inlet and switch

12. Software

Core – state-of-the-art embedded software controlling all hardware, image processing and file exporting. Includes Light Controller and Sequence mode.

iPad App – native iOS app ensuring fluid control of all Eclipse features.

Drive – share files on your company network with StyleShoots Drive, or save to USB.

13. Export File Formats

Video: MP4 in configurable dimensions and aspect ratios.

Photos: JPG, PNG and TIFF in configurable dimensions and aspect ratios. RAW files straight from camera.

14. Options

Backdrops – achieve any look you want by installing different coloured backdrops and turntable covers.

15. Network Access and Security

StyleShoots gets the latest software updates automatically from our cloud server. Our support team may access your system remotely to diagnose any problems. To deliver these services, StyleShoots requires an internet connection via Ethernet. StyleShoots creates its own closed 5GHz WPA2 protected Wi-Fi network to maintain stable communication with the custom iOS app on the iPad. StyleShoots can be configured by us to be in USB Only or Network Mode. USB Only means the system needs an external USB storage device to operate. Network Mode means the system stores files on the internal drive which can be accessed via your company network. When a USB device is inserted, the system will switch to store files on the USB instead. Your photos are safe. Our development team may remotely inspect specific shots and collect general usage data to continuously improve the software and algorithms of the system. Your photos will never be shared with third parties without your knowledge.

16. Size

Height: 201 cm (79 in)

Width: 150 cm (59 in)

Length: 171 cm (67 in)

Weight: 300 kg

Supported product size: 45 x 45 x 45 cm (WxDxH)

17. Operating Conditions

- Room size (HxWxL): 210 cm x 250 cm x 250 cm (83 in x 98 in x 98 in)
- Floor: Plain and leveled, ideally concrete or similar
- Ambient Lighting: Continuous throughout the day, no direct light entering machine area
- Room temperature: 10°C – 30°C
- Max power consumption: 1000 W at 230V AC
- Line voltage: 110V to 230V AC
- Frequency: 50Hz to 60Hz

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