

Clifton Cameras Product Specification

Profoto D30 Full Spec

Overview	
Product	Profoto D30
Flash	
Max energy	500 Ws
Energy range	11 f-stops (0.5-500 Ws)
Energy control increments	0.1 f-stops (0.1-10)
Recycling time	230V / 50Hz: 0.01-0.7 sec 200V / 50Hz: 0.01-0.6 sec 120V / 60Hz: 0.01-0.8 sec 100V / 50Hz: 0.01-0.9 sec
Energy stability	<0.03 f-stop at energy 3.0-10 <0.06 f-stop at energy 0.1-2.9
Flash modes	Eco (Normal), Boost and Freeze
Flash duration t0.1	Eco mode: 1/300 s (10) - 1/5000 s (0.1) Boost mode: 1/300 s (10) - 1/6200 s (0.1) Freeze mode: 1/300 s (10) - 1/9800 s (0.1)
Flash duration t0.5	Eco mode: 1/900 s (10) - 1/10700 s (0.1) Boost mode: 1/900 s (10) - 1/13800 s (0.1) Freeze mode: 1/900 s (10) - 1/ 21100s (0.1)
Color temperature	Eco mode: 6000K +-100K Boost mode: 6000K +-100K Freeze mode: 6000K (10) -9000K (0.1)
Max f-stop @ 2m / 100 ISO	Bare: 16 7/10 Magnum: 32 9/10 OCF Magnum: 32 3/10
Beam angle	66°
Field angle	111°
Continuous light	
Lamp type	LED
Max power	35W
Dimming range	100-10%
Color temperature	2800K - 7000K (±500K)

Color rendering Index (CRI)	Over 94
Max luminous flux (lumen)	3,800 lm
Max illuminance @ 1m (lux)	Bare: 1500 lx Magnum: 6800 lx OCF Magnum: 7300 lx
Beam angle	63°
Field angle	105°
Wireless connectivity	
Built-in connectivity	Profoto AirX
Frequency band	2.4 GHz
Supported Profoto Air functions	Sync, TTL, HSS, Remote control (Air 1 and Air 2)
No of Air channels	100 (1-100)
No of groups per Air channel	6 (A-F)
Supported apps for Bluetooth devices	Profoto Camera and Profoto Control apps
Wireless operating range	With Profoto remotes: 0.5 - 100 m (1.5- 330 ft) *
	With Bluetooth devices: 0.1- 30 m (0.3-90 ft)
	<i>* In optimal conditions up to 300 m (1000 ft)</i>
Connectors	
Sync	1 x 3.5 mm socket (mini-phone)
Other	USB-C service port
Powering	
Power supply	AC 100-240V 50/60Hz
Mains fuse requirement	10 Ampere
Other	
Firmware update	Via Bluetooth
Photocell/IR-slave	Yes
Stand adapter	Yes for standard 5/8 studs
Umbrella mount	Yes (in stand adapter)
Operating temperature	0 °C to +35 °C
	+32 °F to +95 °F
Storage temperature	Store in normal indoor conditions
Measurements	
Width	11.0 cm (4.33 in)
Length	25.5 cm (10 in)
Height	16 cm (6.3 in) with stand adapter
	11 cm (4.3 in) without stand adapter
Weight	2.1 kg (4.7 lb) with stand adapter
	1.85 kg (4.1 lb) without stand adapter