

Technical specifications

Overview

Product number	901250
Regulatory model	PCA1564

Flash

Max energy	100 Ws
Energy range	10 f-stops (0.1-100 Ws)
Energy control increments	0.1 f-stops
Recycling time	0.1-1.6 s
Energy stability	<0.1 f-stop @10-2.0 <0.2 f-stop @ 1.9-0.1
Flash duration t0.1	1/350 s (100 Ws) - 1/26,000 s (0.1 Ws)
Flash duration t0.5	1/1200 s (100 Ws) - 1/ 56,000 s (0.1 Ws)
Color temperature	5800 K +-100 K
F-stop @ 2m / 100 ISO	8.0 5/10 without reflector
Beam angle	62°
Field angle	105°

Continuous light

Lamp type	LED
Max power	2.1 W
Dimming range	100-10%
Color temperature	3500 K
Color rendering index (CRI)	>80
Max luminous flux	200 lm
Max illuminance @ 1meter	180 lx
Beam angle	43°
Field angle	74°

Wireless connectivity

Built-in connectivity	Profoto AirX
Frequency band	2.4 GHz
Supported Air functions	Sync, TTL, HSS, Remote control (Air 1 and Air 2)
Number of Air channels	100 (1-100)
Number of groups per Air Channel	6, (TTL operation: 3 (A-C), manual operation: 3 (E-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) * in optimal conditions up to 300 m (1000 ft)

Connectors

Sync	No
Other	USB-C

Powering

Power supply	Profoto A-series battery Mk II
Battery capacity	Up to 400 full power flashes
Battery charger	A-series battery charger
Battery charging time	<2 hours

Other

Firmware update	Via Bluetooth
Photocell/IR-slave	No
Stand adapter	Yes (detachable)
Umbrella mount	Yes (in stand adapter)
Operation temperature	0 °C to +35 °C +32 °F to +95 °F
Storage temperature	Store in normal indoor conditions

Measurements

Width	7.9 cm / 3.11 in
Length	12.6 cm / 4.96 in
Height	7.9 cm / 3.11 in
Weight	773 g / 27.27 lb with battery and stand adapter 495 g / 17.46 oz without battery and stand adapter