

Overview

- Product name:
Profoto Pro-D3 750
- Product number
330401
- Regulatory model
PCA1605

Flash

- Max energy
750Ws
- Energy range
11 f-stops (0.8 - 750Ws)
- Energy control increments
0.1 f-stops (0.1-10)
- Recycling time
230V/ 50Hz: 0.01-0.5 sec
200V /50Hz: 0.01-0.5 sec
120V/ 60Hz: 0.01-0.8 sec
100V/ 50Hz: 0.01-1.0 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 $t_{0.1}$
Eco mode: 1/600 s (10) - 1/5500 s (0.1)
Boost mode: 1/600 s (10) - 1/5500 s (0.1)
Freeze mode: 1/600 s (10) - 1/15900 s (0.1)

- Flash duration t0.5
 Eco mode: 1/1900 s (10) - 1/7000 s (0.1)
 Boost mode: 1/1900 s (10) - 1/7000 s (0.1)
 Freeze mode: 1/1900 s (10) - 1/75000 s (0.1)
- Color temperature
 Eco mode: 6300K ±100K
 Boost mode: 6300K ±100K
 Freeze mode: 6400K (10) -9000K (0.1)
- F-stop @ 2m / 100 ISO
 Bare: 22 6/10
 Magnum: 45 4/10
 OCF Magnum: 32 9/10
- Beam angle
 65°
- Field angle
 106°

Continuous light

- Lamp type
 LED
- Max luminous flux (lumen)
 6,3000 lm
- Max illuminance @ 1meter (lux)
 Bare: 2380 lx
 Magnum: 16540 lx
 OCF Magnum: 25530 lx
- Dimming range
 100-1 %
- Color temperature
 5600 K ±100 K

- Color rendering index (CRI)
>92
- Beam angle
65°
- Field angle
105°
- Max power
56 W

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 (A-F)
- 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)
- Supported apps for Bluetooth devices
Profoto Camera and Profoto Control apps

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
10A

Other

- Firmware update
via USB-C or Bluetooth
- Photocell/IR-slave
Yes
- Stand adapter
Yes for standard 5/8 studs
- 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
13.0 cm / 5.12 in

- Length

34.5 cm / 13.58 in

- Height

20.0 cm / 7.87 in

- Weight

3.55 kg / 7.85 lb