onAir Flex 12

A lightweight, silent, and DMX-controllable full-spectrum LED accessory that produces high-quality white light from 2800K to 10000K and full color to create a soft catchlight.
Ideal for short-throw studio applications where silent, high-quality, flicker-free lighting is essential for photography and film.

- Features a high CRI of 96 for superior color rendering in broadcast and film.
- Provides an expansive 2800K to 10000K CCT range for tunable, high-quality white light.
- Delivers broad, even coverage ideal for short-throw applications with its wide beam angle.
- Offers precise 16-bit dimming curves and adjustable PWM for flicker-free camera performance.
- Weighs under 1 lb, allowing for easy placement in tight studio and on-location setups.
- Operates via the onAir Flex Drive 2 for centralized power and data control.



SPECIFICATIONS

Optical

Light Source: 12 LEDs (tri-color RGB) 1.5 W, (150 mA), 50,000 hours life expectancy.

Light Source: 12 LEDs (WW) 0.36 W, (150 mA), 50,000 hours life expectancy

Color Temperature (range): 2800 to 10000 K

Color Temperature (at full): 9190 K

CRI: 96

Beam Angle:

Medium: 96.1° x 64.3°
Light: 111° x 62°
Heavy: 93.3° x 72.2°

Field Angle:

Medium: 148.8° x 123.8°
Light: 149.8° x 126.3°
Heavy: 151.7° x 136°

Lumens:

Medium: 765 lm
Light: 810 lm
Heavy: 734 lm

Illuminance:

Medium: 17 lux @ 5 m
Light: 16 lux @ 5 m
Heavy: 15 lux @ 5 m

Selectable PWM: via onAir Flex Drive

Construction / Physical

Dimensions: 12.8 x 1.46 x 1.37 in (326 x 37 x 35 mm)

Shipping Dimensions: 15 x 6.5 x 4 in (381 x 165 x 102)

Weight: 0.975 lb (0.442 kg)

Exterior Color: Black

Housing Material: Extruded Aluminum

Connections

Power Connection: Phoenix connector to Bare-wire

Physical Linking: Phoenix connector to Bare-wire

Control

Control Protocol: DMX

DMX Channels: 8 or 10

Modes/Personalities: 8ch-RGBWx2, 10ch-RGBW+Dx2

Electrical

Input Voltage: 100 to 240 VAC, 50/60 Hz (auto-ranging)

Power and Current: 26 W, 0.28 A @ 120 V, 60 Hz

Power and Current: 24 W, 0.31 A @ 208 V, 60 Hz

Power and Current: 24 W, 0.29 A @ 230 V, 50 Hz

Cable

Connector: Phoenix

Pins: 5

Certifications / Qualifications

Certifications: CE, MET, FCC, UKCA

IP Rating: IP20, dry location

Temperature (Ambient): -4 °F to 113 °F (-20 °C to 45 °C)

Required Accessories

onAir Flex Drive

What's Included

OnAir Flex 12
6cm Cable
12cm Cable
Blanks Connectors
Light Filter
Heavy Filter