

StudioCob PlusFC

150 W IP65 rated full colour COB LED PAR



StudioCob PlusFC is a powerful, incredibly versatile and IP65 rated LED PAR. Fusing the old and the new, it pairs a COB LED source with a traditional parabolic reflector to deliver a proper PAR replacement with a homogenised output, single shadow and flexible lens options.

MAIN FEATURES

- 150 W RGBW COB LED source with HD dimming with an extensive and even colour palette
- Flexible lens options of 18° - 38° - 60°
- IP65 rated connectors for easy use both indoor and outdoor

VERSIONS

Code	Housing
STUDIOCOBPLUSFCBK	Black
STUDIOCOBPLUSFCWH	White

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Source: 150 W COB RGBW LED
- Luminous flux: (18°) 3'949 lm - (38°) 3'869lm
- Lux: (18°) 3'190 lx @3 m full
- Lux: (38°) 734 lx
- Source life expectancy: > 50.000 h

OPTICS

- Beam angle: (on-board) 18° - (inc) 38° - (opt) 60°
- Field angle: (on-board) 36° - (inc) 63°
- Lens type: dichroic parabolic reflector in combination with HD fresnel lens
- Additional optics: 38° (inc)

COLOUR SYSTEM

- Colour mixing: RGBW / FC
- CTC: CTC control through independent DMX channel
- White presets: 2.000 K ~ 10.000 K
- Colour wheel: virtual colour wheel with presets

DYNAMIC EFFECTS

- Static colour mode: selection of static colour
- Manual colour mode: manual adjustment of colour
- Auto mode: built-in programs with execution speed adjustment

BODY

- Body: sturdy die-cast aluminium body conceived for long-time durability
- Body colour: black, white finishing available

CONTROL

- Protocols: DMX512, RDM
- DMX channels: 4 / 6 / 10 channel
- RDM: RDM ready for fixture remote monitor and settings
- Display: black OLED touch display
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1) not included
- Master/Slave: for synchronized operation of more units linked in a chain

ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 4 different dimming curves available
- Strobe / shutter: 1 - 28 Hz, electronic
- Battery backup: battery backup for user operation without connecting to the main power
- Operating temperature: -20° ~ +45°
- Flicker: flicker free operation
- Selectable PWM: 600 ~ 25.000 Hz

ELECTRICAL

- Power supply: 100-240 V – 50/60 Hz
- Power consumption (at 230 V): 135 W
- Power consumption (at 120 V): 137 W
- Output (at 230 V): 12 units on a single power line

PHYSICAL

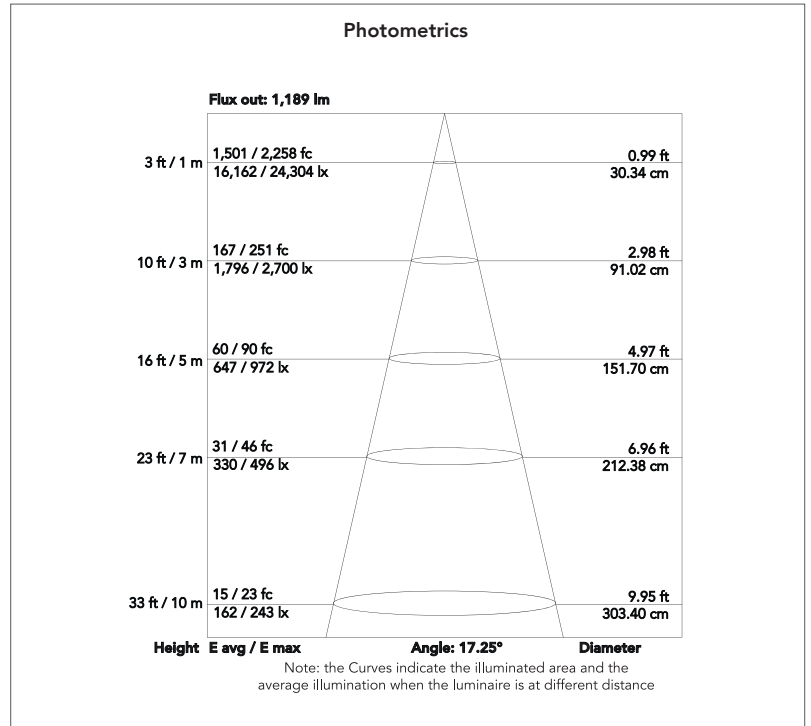
- Cooling: forced air with low noise fan
- Suspension and fixing: double hanging bracket suitable for safe hanging and for floor positioning
- Signal connection: Seetronic XLR 5p IN/OUT connectors
- Power connection: Seetronic powerCON waterproof IN/OUT connectors
- IP rating: 65 for temporary outdoor application, not for fixed installation
- Dimensions (WxHxD): 259x187x370 mm
- Weight: 5,6 kg

ACCESSORIES & RELATED PRODUCTS

- STUDIOCOBPLUSL18: Optics for STUDIOCOBLUS projectors series, 18° (included)
- STUDIOCOBPLUSL38: Optics for STUDIOCOBLUS projectors series, 38° (included)
- STUDIOCOBTGP: Filter frame for STUDIOCOB projectors
- STUDIOCOBPLUSL60: Optics for STUDIOCOBLUS projectors series, 60°
- STUDIOCOBBD: Barn door 4 directional flaps to adjust the light beam, f. frame included
- FCLCOBPLUS: Flight case for 8 STUDIOCOBPLUS
- UPBOX1U: Firmware uploader kit, USB IN, 3-pin XLR DMX OUT, USB OUT

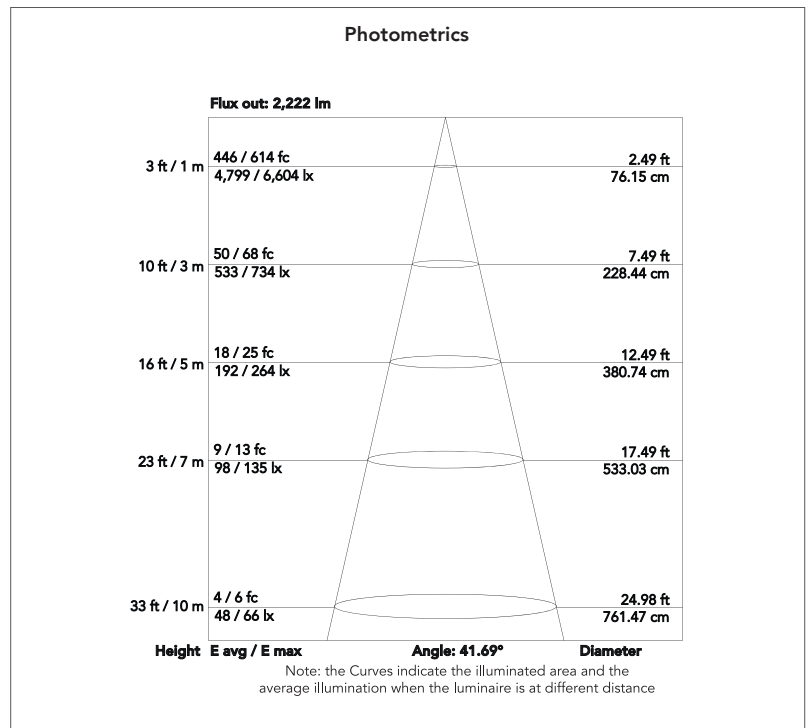
COLOUR PRESET FULL ON

Beam angle 18°

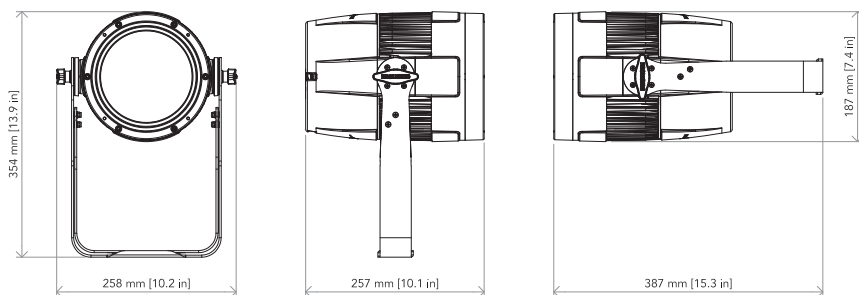


COLOUR PRESET FULL ON

Beam angle 38°



TECHICAL DRAWINGS



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