StudioCob PlusUV

IP65 UV COB parled with interchangeable optical system
ORDER CODE: **STUDIOCOBPLUSUV**

PROLiGHTS

StudioCob PlusUV is a powerful, and incredibly versatile, 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 homogenized output, single shadow, and flexible lens options.

MAIN FEATURES

- IP65 rated connectors for easy use both indoor and outdoor
- 100W real UV COB LED source with HD dimming and extensive, even colour palette
- Flexible lens options of 18° - 38° - 60°

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source:380nm 108 W COB UV LED
- Luminous flux:(18°) without filter: 137,21lm - (18°) with filter: 128,92 lm - (38°) without filter: 129,07 lm - (38°) with filter: 120,63 lm
- Lux:(18°) 8'963 lx - (38°) 2'018 lx @5 m without filter
- Lux:(18°) 7'481 lx - (38°) 1'830 lx @5 m with filter
- CRI:55,4
- R9:5
- Source life expectancy: > 50.000 h

OPTICS
- Beam angle:(18°) 15,93° - (18°) with filter 16,49° - (38°) 35,6° - (38°) with filter 36,06 °
- Field angle:(18°) 28,2° - (18°)with filter 30,3° - (38°) 66,1° - (38°) with filter 69,1 °
- Lens diameter:149,5 mm
- Lens type: UV PMMA lens
- Additional optics:18° lens on board and 38° lens in the package
- Other:60° lens is not availables for UV version

COLOUR SYSTEM
- Colour wheel: virtual colour wheel with macros

DYNAMIC EFFECTS
- Manual mode: manual adjustment of dimmer and strobe

BODY
- Tilt angle: ° with 360° continuous rotation
- Body: aluminium body
- Body colour: black

CONTROL
- Protocols: DMX512, RDM
- DMX channels:1 / 2 / 5 channel
- RDM: RDM for remote monitoring and settings
- Display: black OLED touch display
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1) not included
- Master/Slave: for synchronised operation of more units linked in a chain

ELECTRONICS
- Dimmer: linear 0 ~ 100% electronic dimmer
- Strobe / shutter:1 - 28 Hz, electronic
- Display battery: self-charging battery backup
- Operating temperature: -20° ~ +45°
- LED Control: flicker free frequency with adjustable PWM
- Selectable PWM: 600 ~ 25.000 Hz

ELECTRICAL
- Max power consumption:150 W
- Mains power supply: 100-240V - 50/60Hz
- Max power consumption:132 W
- Max power consumption (at 120V):133 W
- Output (at 230V):13 units on a single power line
- Output (at 120V):7 units on a single power line
- Power factor:0,98 (120V) - 0,90 (230V)

PHYSICAL
- IP rating:65 for temporary outdoor application, not for fixed installations
- Cooling:low noise fan pressure and temperature balance through GORE membrane vents
- Suspension and fixing:hanging bracket suitable for safe hanging and positioning
- Signal connection: 5p IP IN/OUT
- Power connection: IP IN/OUT power connector
- Dimensions (WxHxD):258,5x257x353,6 mm
- Weight:5 kg

CERTIFICATIONS / APPROVALS
- Certifications / Approvals: CE, UKCA, RCM

ACCESSORIES & RELATED PRODUCTS

INF53415L03	Dmx cable HC5340. SETMC5MXXB XLR 5p->SETMC5FXXB XLR (f) 5p L.3m	
938225L03	3x2.5mm TH07 Cable, 16A SETSAC3MX, 16A SETSAC3FX, L. 3m	
9313FXWL03	Ass. 3x2.5mm TH07 cable, 16A 3p 230V CEE plug, SETSAC3FX socket, L.3 m	
9333FXWL03	Ass. 3x2.5mm TH07 cable, SHUKO plug, SETSAC3FX socket, L.3m	
C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black	
STUDIOCOBBD	Barn door 4 directional flaps to adjust the light beam, f. frame included	
STUDIOCOBTPG	Filter frame for STUDIOCOB projectors	
FCLCOBPLUS	Flight case for 8 STUDIOCOBPLUS	
UPBOX1U	Firmware uploader kit, USB IN, 3pin XLR DMX OUT, USB OUT	