StudioCob PlusDY2

150W IP65 rated Daylight White COB LED PAR

PROLIGHTS

StudioCob PlusDY2 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

- IP65 rated connectors for easy use both indoor and outdoor
- 150W 5.000 K COB LED source with HD dimming and high CRI
- Flexible lens options of 19° - 37° - 53,8°

VERSIONS

Code	Housing
STUDIOCOBPDY2BK	Black
STUDIOCOBPDY2WH	White

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source: 150W daylight white LED
- CCT: 5.100K
- Luminous flux: (19°) 9'822 lm; (37°) 8'595lm
- Lux: (19°) 2'337 lx; (37°) 600lx @5 m full
- CRI: > 83
- Source life expectancy: > 50.000 h

OPTICS
- Beam angle: (on-board) 19°, (inc) 37°, (opt) 53,8°
- Field angle: (on-board) 36,5°, (inc) 75,5°, (opt) 77,6°
- Lens type: parabolic reflector in combination with HD fresnel lens
- Additional optics: flood (without lens)

DYNAMIC EFFECTS
- Static mode: selection of static colour
- Manual mode: manual adjustment of dimmer and strobe
- Auto mode: built-in programs with execution speed adjustment

BODY
- Body: sturdy die-cast aluminium body
- Body colour: black

CONTROL
- Protocols: DMX512, RDM
- DMX channels: 1 / 2 / 5channel
- Display: LCD high resolution colour 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
- Dimmer curves: 4 selectable dimming modes available
- 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
- Mains power supply: 100-240V - 50/60Hz
- Max power consumption: 165W
- Output (at 230V): 15 units on a single power line
- Power factor: > 0.96

PHYSICAL
- IP rating: 65 for temporary outdoor application, not for fixed installation
- Cooling: active, silent operation
- 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
- Dimensions (WxHxD): 258x354x257mm
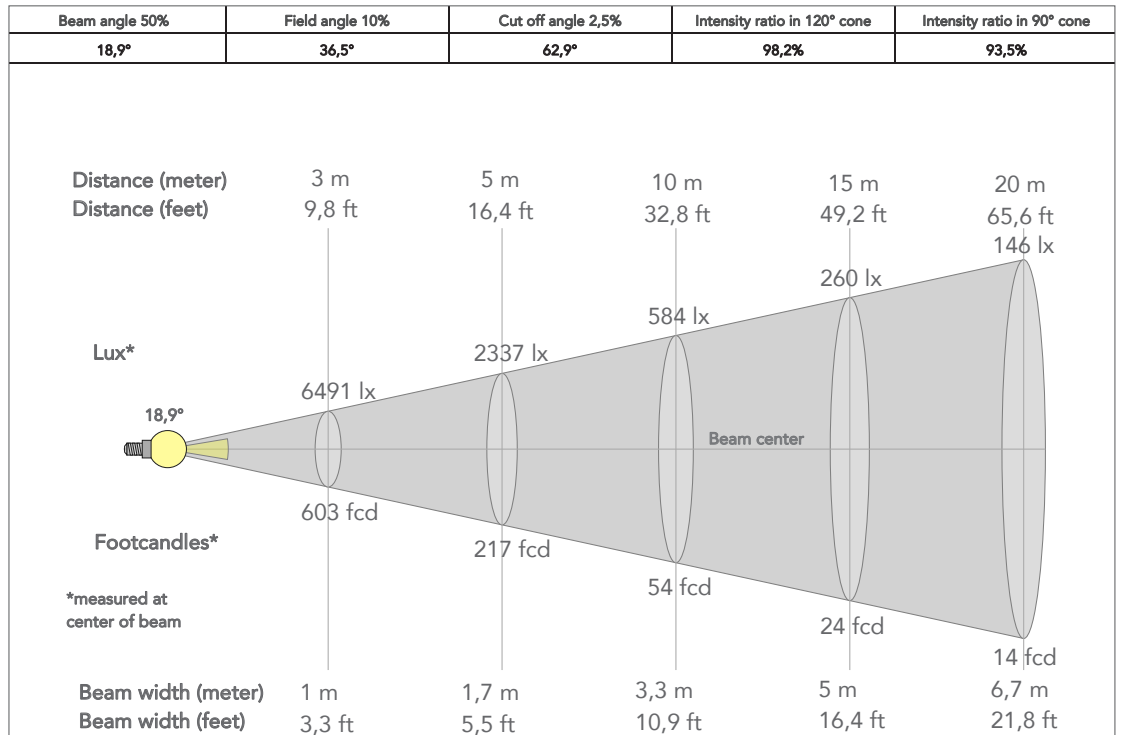- Weight: 4,95kg

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

ACCESSORIES & RELATED PRODUCTS

• 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
• 938225L03	3x2.5mm TH07 Cable, 16A SETSAC3MX, 16A SETSAC3FX, L. 3m
• C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
• INF53415L03	Dmx cable HC5340. SETMC5MXXB XLR 5p->SETMC5FXXB XLR (f) 5p L.3m
• RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black

• STUDIOCOBPLUSL18	Optics for STUDIOCOBPLUS projectors series, 18°
• STUDIOCOBPLUSL38	Optics for STUDIOCOBLUS projectors series, 38°
• STUDIOCOBTPG	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, 3pin XLR DMX OUT, USB OUT

PRESET FULL ON
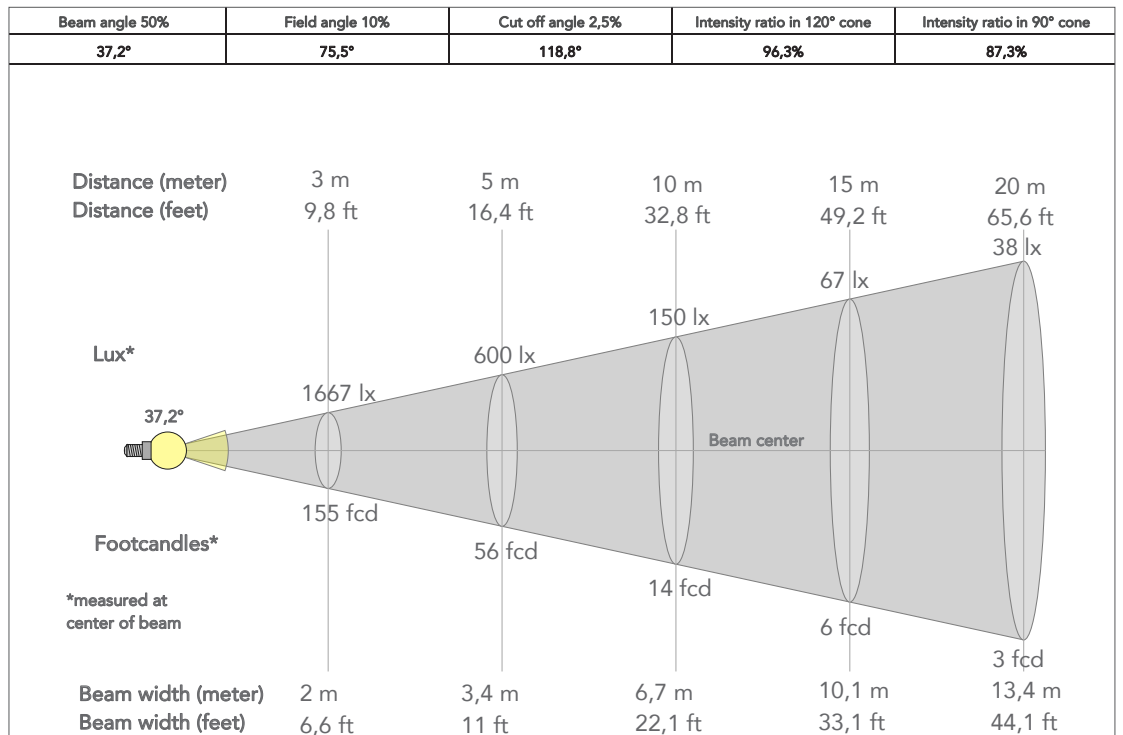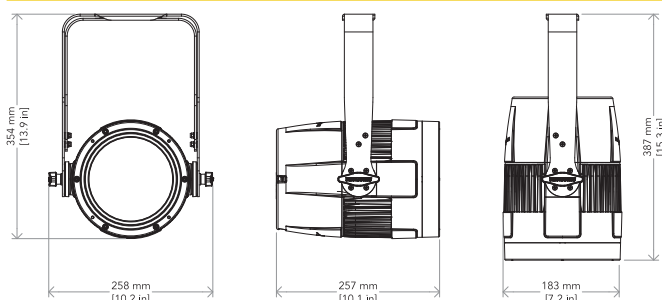Beam angle 19°

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
18,9°	36,5°	62,9°	98,2%	93,5%

Distance (meter)	3 m	5 m	10 m	15 m	20 m
Distance (feet)	9,8 ft	16,4 ft	32,8 ft	49,2 ft	65,6 ft

18,9°

Lux*
6491 lx | 2337 lx | 584 lx | 260 lx | 146 lx

Beam center

Footcandles*
603 fcd | 217 fcd | 54 fcd | 24 fcd | 14 fcd

*measured at center of beam

Beam width (meter)	1 m	1,7 m	3,3 m	5 m	6,7 m
Beam width (feet)	3,3 ft	5,5 ft	10,9 ft	16,4 ft	21,8 ft

PRESET FULL ON
Beam angle 37°

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
37,2°	75,5°	118,8°	96,3%	87,3%

Distance (meter)	3 m	5 m	10 m	15 m	20 m
Distance (feet)	9,8 ft	16,4 ft	32,8 ft	49,2 ft	65,6 ft

37,2°

Lux*
1667 lx | 600 lx | 150 lx | 67 lx | 38 lx

Beam center

Footcandles*
155 fcd | 56 fcd | 14 fcd | 6 fcd | 3 fcd

*measured at center of beam

Beam width (meter)	2 m	3,4 m	6,7 m	10,1 m	13,4 m
Beam width (feet)	6,6 ft	11 ft	22,1 ft	33,1 ft	44,1 ft

TECHICAL DRAWINGS

354 mm [13,9 in]
258 mm [10,2 in]
257 mm [10,1 in]
183 mm [7,2 in]
387 mm [15,3 in]

CERTIFICATIONS / APPROVALS

Visit our website for specifications and tech documentations

CE   UKCA