SmartBat PlusG2

4x20W hybrid battery uplighter/spot, IP65, with RGB + Warm White LED source, wireless or wired

ORDER CODE: **SMARTBATPLUSG2**

The **Smart** BatPlusG2 is a new generation of the iconic **Smart** Bat uplighters designed with better output, battery performance, and a stunning new look. The clever mechanical design of the **Smart** BatPlusG2 allows turning the unit from an uplighter into a spotlight by using the suspension yoke or floor bracket without compromising the aesthetics of the fixture. The **Smart** BatPlus G2 introduces new features such as interchangeable batteries and easy covers with multiple colours, making it possible to change its look as desired. The 4x20W RGB + Warm White LED emitters are Spektra™ calibrated and guarantee incredibly high-quality white CCT reproduction (CRI>93) and boosted output when operated directly through mains. The **Smart** BatPlusG2 is very user-friendly - it can be used wirelessly with a built-in battery, CRMX/W-DMX and RDM control, or wired through the PSU and XLR connectors (bypassing the battery).

MAIN FEATURES

- Multipurpose design: uplighter/spotlight, customisable coloured covers
- Wireless DMX (CRMX+W-DMX) / wired control, battery/PSU power
- 4x20W RGB + Warm White calibrated LED source with high CRI (>93)
- Interchangeable battery and magnetic holographic filters for multiple beam angles

SMARTBATPLUSG2PACK

- 6 SMARTBATPLUSG2 (including 1 filter frame, 1 half top hat, 1 SBPG2BAT, 1 connector cover plate)
- 6 slot battery recharge
- power cable Neutrik powerCON TRUE1 IN - bare end
- user manual

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source:4x20 W RGB + Warm White LED
- Luminous flux:3'102 lm @full
- Lux:1'723 lx @5 m without filter
- CRI:94 @3.200 K; 92 @5.600 K
- R9:96 @3.200 K; 96 @5.600 K
- TLCI:92 @5.600 K
- TM30 Rf:93 @3.200 K; 91 @5.600 K
- TM30 Rg:105 @3.200 K; 106 @5.600 K
- Source life expectancy: > 50.000 h

OPTICS
- Beam angle:10 °
- Additional optics: filters to achieve 20°, 40°, 60°, 10°x60°
- COLOUR SYSTEM
- Colour mixing: RGBWW
- CCT: CCT control through dedicated DMX channel
- White presets:2'800K - 10'000 K
- Colour wheel: virtual colour wheel with macros
- Macros: built-in white presets

DYNAMIC EFFECTS
- Control Resolution: 16-bit dimmer, colours
- Static mode: selection of static colour
- Manual mode: manual adjustment of colour
- Auto mode: built-in programs with execution speed adjustment

BODY
- Body: sturdy die-cast aluminium body
- Body colour: RAL 9004
- Other:Quick release foot to achieve 20° adjustable tilt

CONTROL
- Protocols: CRMX+W-DMX, DMX512, RDM
- Wireless Control: included, LumenRadio Timo Fx DMX/RDM compatible with both CRMX (Lumen Radio) and W-DMX (Wireless DMX)
- RDM: RDM for remote monitoring and settings
- Display: Graphic User Interface
- Firmware upgrade: yes, via USB - DMX interface (UPBOX1) not included
- IR: infrared sensor controlled by remote
- 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 - 30 Hz, electronic
- Operating temperature: 0° ~ +45°
- LED Control: flicker free operation
- Selectable PWM: 600 ~ 25.000 Hz

ELECTRICAL
- Mains power supply: 100-240V - 50/60Hz
- Max power consumption:(with mains) 80 W
- Power factor:>0,98

BATTERY
- Battery:removible 16,8 V lithium
- Estimated battery life:Selectable 3h / 6h / 8h / 12h / 16h / 18 h
- Re-charge connection:Battery Pack fast-charge in Case
- Re-charge time:5 h/max
- Battery status: shown on display
- Other:Battery recharge in AC and DC, operation in main power with possibility to disable battery recharge throught software and charging operation in flightcase through the quick charger connector

PHYSICAL
- IP rating:65 for temporary outdoor application, not for fixed installations
- Cooling: passive cooling and fan-free
- Suspension and fixing: bracket for hanging and positioning
- Signal connection:IP65 Amphenol XLR 5p IN/OUT connectors
- Power connection:IP65 Neutrik powerCON TRUE1 IN/OUT connectors
- Dimensions (WxHxD):257x278x209 mm
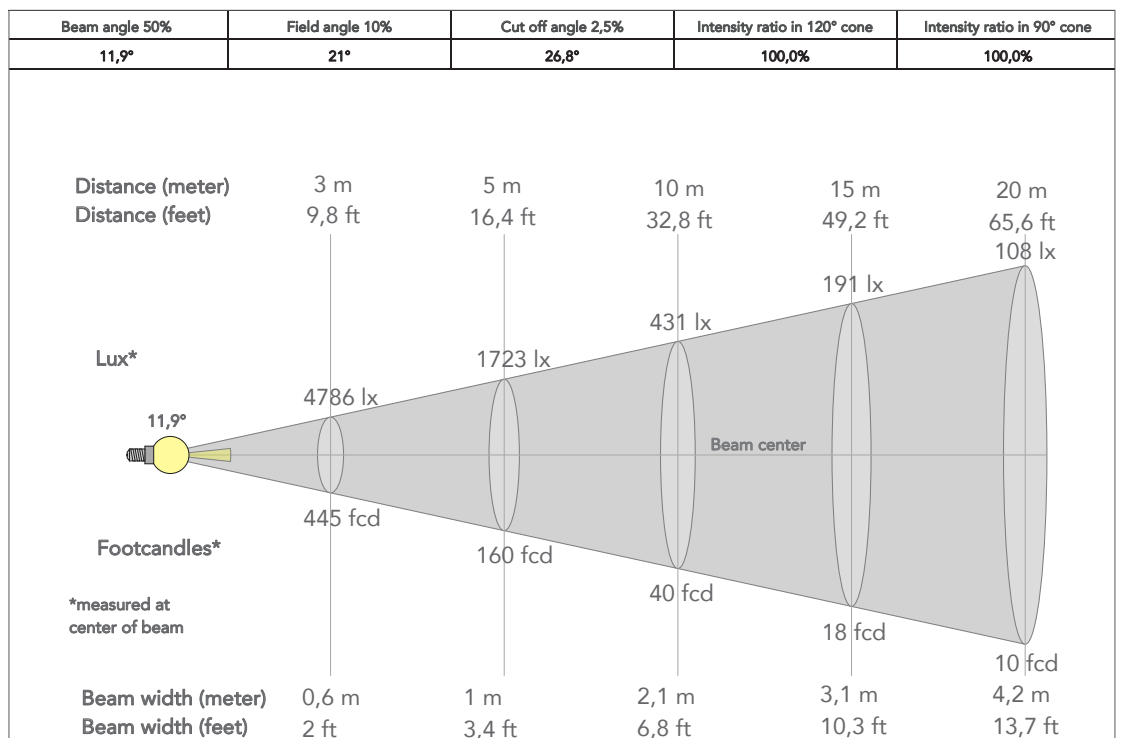- Weight:6 kg

CERTIFICATIONS / APPROVALS
- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCC
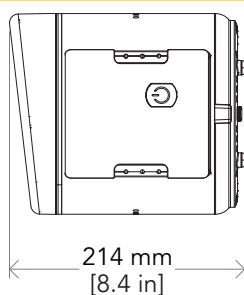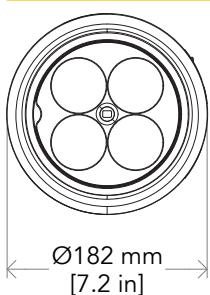
ACCESSORIES & RELATED PRODUCTS

- SBPG2BAT — Single battery for SMARTBATPLUSG2
- SBPG2FYBK — Floor bracket for SMARTBATPLUSG2, black
- SBPG2FYWH — Floor bracket for SMARTBATPLUSG2, white
- SBPG2FYCR — Floor bracket for SMARTBATPLUSG2, chrome
- SBPG2FYGL — Floor bracket for SMARTBATPLUSG2, gold
- SBPG2HYBK — Hanging bracket for SMARTBATPLUSG2, black
- SBPG2HYWH — Hanging bracket for SMARTBATPLUSG2, white
- SBPG2HYCR — Hanging bracket for SMARTBATPLUSG2, chrome
- SBPG2HYGL — Hanging bracket for SMARTBATPLUSG2, gold
- SBPG2CKBK — Cover kit for SMRATBATPLUSG2, black
- SBPG2CKWH — Cover kit for SMRATBATPLUSG2, white
- SBPG2CKCR — Cover kit for SMRATBATPLUSG2, chrome
- SBPG2CKGL — Cover kit for SMRATBATPLUSG2, gold
- FCLSMARTBATPG2 — Flight case for 6 SMARTBATPLUSG2, battery charger included

- SBPG2POWER — Charger for 6 SBPG2BAT batteries for SMARTBATPLUSG2
- PRL-IRC — RGBWA IR controller, 29 buttons, manual/static colours, auto programs, fade
- C6002B — Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
- RSR0630B — Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
- 9533FXWL03 — Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m
- WSBBF1G5 — BlackBox F-1 G5 transmitter, 2,45GHz & 5.2/5,8 GHz, DMX/RDM, 512Ch
- WSBBF1G6 — BlackBox F-1 G6 transrec, 512ch, 2.45GHz, DMX&RDM,Bluetooth,G3,G4,G4S, G5, CRMX
- WSBBR512G5 — BlackBox R-512 G5 receiver 512Ch, 2.45GHz & 5.8GHz, DMX/RDM optional
- WSBBR512G6 — BlackBox R-512 G6 receiver 512Ch, 2.45GHz,DMX&RDM,Bluetooth,G3,G4,G4S,G5,CRMX

PRESET FULL ON

Beam angle 50%: 10°

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11,9°	21°	26,8°	100,0%	100,0%

	3 m	5 m	10 m	15 m	20 m
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
Lux*	4786 lx	1723 lx	431 lx	191 lx	108 lx
Footcandles*	445 fcd	160 fcd	40 fcd	18 fcd	10 fcd
Beam width (meter)	0,6 m	1 m	2,1 m	3,1 m	4,2 m
Beam width (feet)	2 ft	3,4 ft	6,8 ft	10,3 ft	13,7 ft

11,9°

Beam center

*measured at center of beam

TECHICAL DRAWINGS

Ø182 mm
[7.2 in]

214 mm
[8.4 in]

CERTIFICATIONS / APPROVALS

TÜVRheinland
Conforms to UL STD. 1573
Certified to CSA STD: C22.2 NO. 166

C us

Visit our website for specifications and tech documentations

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