

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 high-end version of the iconic **Smart Bat** uplighters designed with enhanced output and battery performance, IP65 with a stunning new look. The clever mechanical design of the **Smart BatPlusG2** allows turning the unit from an uplighter into a spot/flood light by combining filters, 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 x **SMARTBATPLUSG2**
- 1 x filter frame
- 1 x half top hat
- 1 x **SBPG2BAT**

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

- 1 x connector cover plate
- 6 x slot battery recharge
- 1 x power cable Neutrik powerCON TRUE1 IN - bare end
- 1 x user manual

- 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: removable 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 through 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

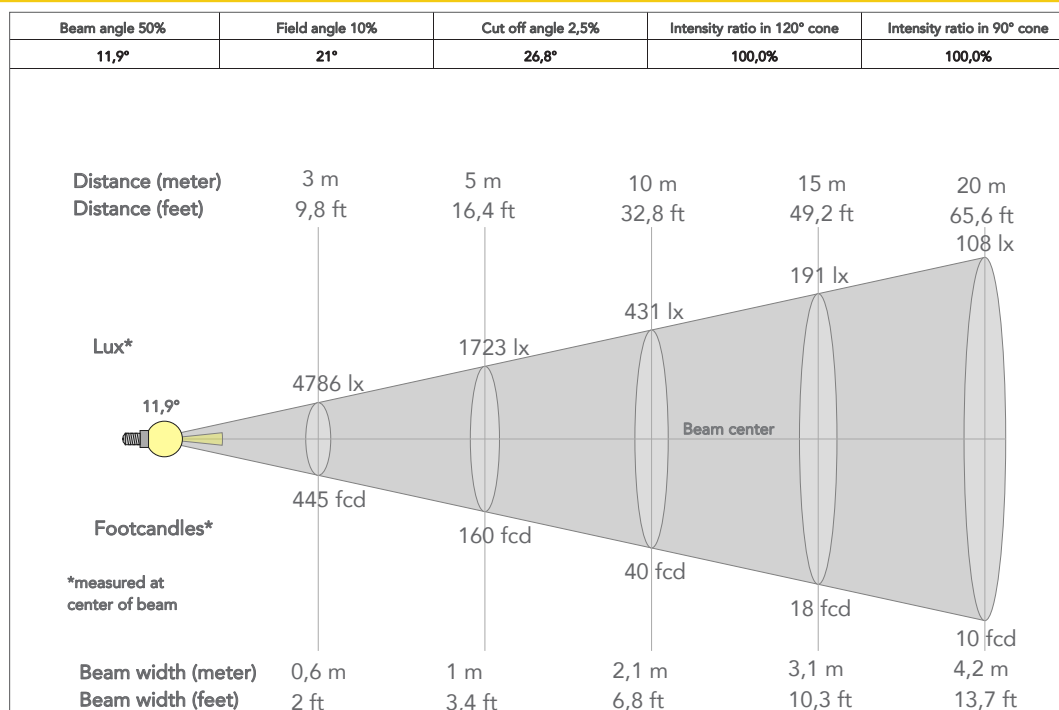
- Certifications / Approvals: CE, UKCA, RCM, cTUVus, FCC

ACCESSORIES & RELATED PRODUCTS

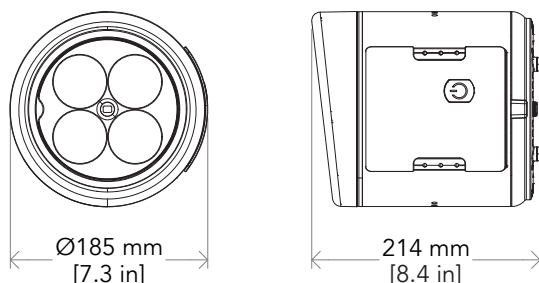
▪ SBPG2BAT	Single battery for SMARTBATPLUSG2	▪ RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
▪ SBPG2FYBK/WH CR/GL	Floor bracket for SMARTBATPLUSG2, black/white/chrome/gold	▪ 9533FXWL03	Ass. 3x2.5mm TH07 cable, SHUKO plug, MENAC3FXW socket, L.3m
▪ SBPG2HYBK/WH CR/GL	Hanging bracket for SMARTBATPLUSG2, black/white/chrome/gold	▪ WSBBF1G5	BlackBox F-1 G5 transmitter, 2,45GHz & 5.2/5,8 GHz, DMX/RDM, 512Ch
▪ SBPG2CKBK/WH CR/GL	Cover kit for SMRATBATPLUSG2, black/white/chrome/gold	▪ WSBBF1G6	BlackBox F-1 G6 transrec, 512ch, 2.45GHz, DMX&RDM,Bluetooth,G3,G4,G4S, G5, CRMX
▪ FCLSMARTBATPG2	Flight case for 6 SMARTBATPLUSG2, battery charger included	▪ WSBBR512G5	BlackBox R-512 G5 receiver 512Ch, 2.45GHz & 5.8GHz, DMX/RDM optional
▪ SBPG2POWER	Charger for 6 SBPG2BAT batteries for SMARTBATPLUSG2	▪ WSBBR512G6	BlackBox R-512 G6 receiver 512Ch, 2.45GHz,DMX&RDM,Bluetooth,G3,G4,G4S,G5,CRMX
▪ PRL-IRC	RGBWA IR controller, 29 buttons, manual/static colours, auto programs, fade	▪ IPTESTBOX	Portable vacuum and pressure tester for ProLights IP fixtures
▪ C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black	▪ UPBOX1UP5	Firmware uploader kit, USB IN, 5p XLR DMX OUT, DMX OUT

PRESET FULL ON

Beam angle 50%: 11,9°



TECHNICAL DRAWINGS



CERTIFICATIONS / APPROVALS



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

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tech documentations

