

# Smart BatPlusNeo

Battery Uplighter with 60W LED source RGB+WW, IP rated



The **Smart BatPlus Neo** builds on the groundbreaking legacy of the iconic SmartBat Plus series, a product line that transformed the battery uplighter market over a decade blending the original **Smart Bat DNA** with state-of-the-art technologies and upgrades. Equipped with 7x RGB+WW emitters, the **Smart BatPlus Neo** offers a significant performance boost. Delivering up to 3,000 lumens, it provides double the brightness of its predecessor during a 3-hour runtime. Even when operating at full power, it achieves 20% greater output over the same runtime and an average 60% improvement in primary and mixed colors, thanks to its enhanced light source. Its advanced color-mixing capabilities ensure deeper, richer tones and precision white light with high color rendering (CRI up to 90), making it a versatile and reliable choice for lighting professionals. With a smaller footprint and available in both the classic chrome and a sleek black finish, the Neo adapts effortlessly to various event designs while maintaining its hallmark reliability and adaptability. Its advanced Battery Management System (BMS) ensures safer recharging, selectable runtime, optimized performance and robust handling.

The **Smart BatPlus Neo** supports a comprehensive range of accessories and optical modifiers, offering unparalleled flexibility for diverse applications. Its intuitive magnetic mounting system allows users to attach and adjust accessories easily for precise light focusing.

## VERSIONS

Code	Housing
<b>SMARTBATPLUSNEO</b>	Chrome
<b>SMARTBATPLUSNEOBK</b>	Black

## TECHNICAL SPECIFICATION

### LIGHT SOURCE

- Source: 7x10W RGB + Warm White LED
- Luminous flux: 2'927 lm @Full
- Lux: 1'493lx @5 m full
- CRI: Up to 90
- R9: Up to 80
- TLCI: Up to 80
- TM30 Rf: > 90
- TM30 Rg: < 107
- Source life expectancy: > 50.000 h

### OPTICS

- Beam angle: 11°
- Field angle: 21°
- Additional optics: see available accessories
- Other: see available accessories

### COLOUR SYSTEM

- Colour mixing: RGB + Warm White
- White presets: 2.700 K -10.000K
- 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

- Tilt range: 20° adjustable foot support for tilt regulation (up to 20°)
- Body: sturdy die-cast aluminium body
- Body colour: black, mirror finishing available

### CONTROL

- Protocols: CRMX+W-DMX, DMX512, RDM
- DMX channels: 4/6/10/3 ch in legacy mode | 1/5/11/17channel
- 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

## MAIN FEATURES

- IP rated battery uplighter with 7x10W RGB+WW LEDs
- CRMX wireless supported
- Legacy mode ensures backward compatibility with previous Smartbat+ DMX personality and color settings.

- Display: Graphic User Interface
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX1 (USB-DMX interface not included)
- IR: infrared sensor controlled by remote (included in the pack, not included in single unit)
- Master/Slave: for multi-unit sync, set one unit as wireless TX (master DMX) and all others as slave receivers.

## ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1 - 25 Hz, electronic
- Operating temperature: 0° ~ +45° Ta
- LED Control: flicker free operation
- Selectable PWM: 600 ~ 25.000 Hz

## ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz (SBPLUSNEOPOWER charger not included)
- Max power consumption: 66W

## BATTERY

- Battery: 16,8V lithium
- Estimated battery life: Selectable 3h / 6h / 8h / 12h / 18h
- Re-charge connection: magnetic fast-charge in case
- Re-charge time: 4h/max
- Battery status: shown on display

## PHYSICAL

- IP rating: IP65 for temporary outdoor application, not for fixed installations
- Cooling: natural convection cooling enabled by a fanless design and a chassis engineered for passive heat dissipation
- Suspension and fixing: M12 threaded insert for easy clamp installation
- Data connection: CRMX transceiver compatible with CRMX and W-DMX G3/G4s
- Dimensions (WxHxD): 138x180x147mm / 5.43"x7.09"x5.79"
- Weight: 3,4kg / 7.5lbs

## CERTIFICATIONS / APPROVALS

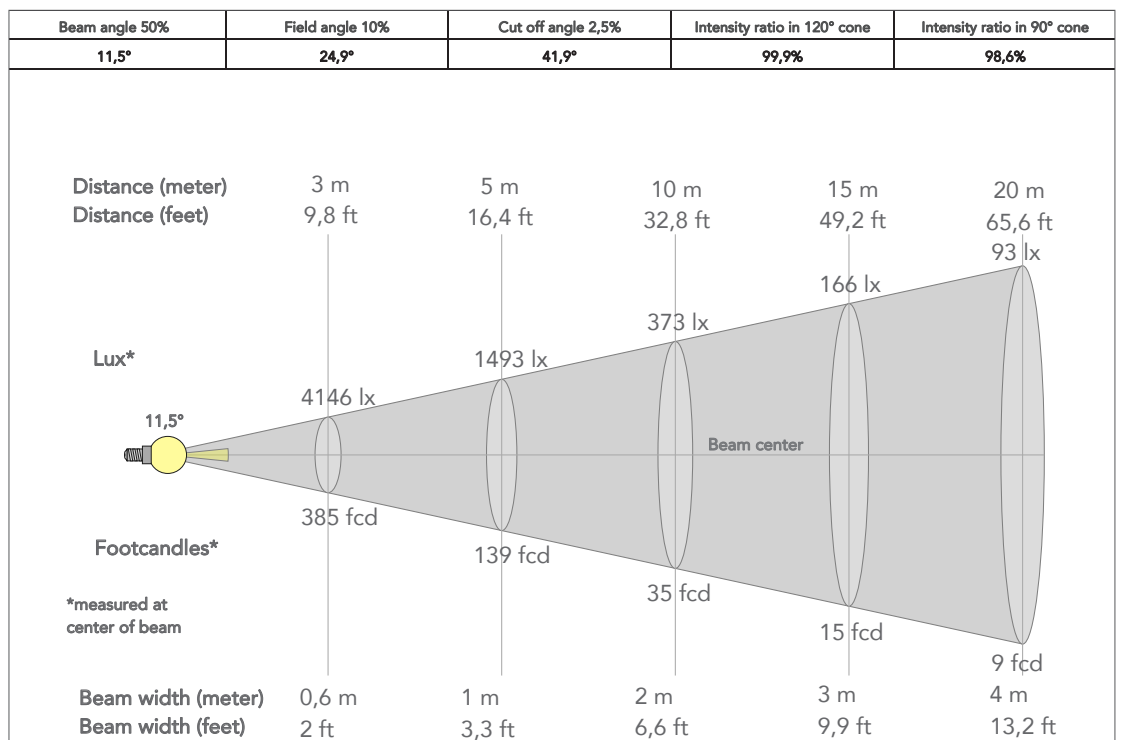
- Certifications / Approvals: CE, RCM, FCC, cTUVus

## ACCESSORIES & RELATED PRODUCTS

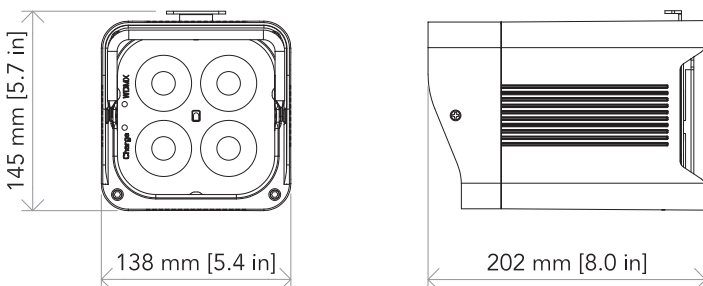
▪ AETHERBOX	IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready	▪ SBPNEOSNOOT	Snoot for SMARTBATPLUSNEO series
▪ AETHERBOXLITE	1 Universe CRMX Wireless Transceiver	▪ SBPNEOPOWER	SMARTBATPLUSNEO recharging base
▪ LRLUNA	Single Universe DMX transceiver with Bluetooth	▪ SBPUPBOXI	Interface between UPBOX1 and SMARTBATPLUS for make firmware upgrade
▪ FCLSMARTBATPNEO	Flight case for 6 SMARTBATPLUSNEO, battery charger included	▪ SETMA5M3F	Male 5-pin XLR adapter <=> female 3-pin XLR
▪ PRL-IRC	RGBWA IR controller, 29 buttons, manual/static colours, auto programs, fade	▪ C6018A	Selflock slim clamp, 200 kg load, 48-80 mm tubes, M12 bolt incl, aluminium
▪ SBPNEOL10/20/35/60	Lens for SMARTBATPLUSNEO series, 10°/20°/35°/60°	▪ C6018B	Selflock slim clamp, 200 kg load, 48-80 mm tubes, M12 bolt incl, black
▪ SBPNEOFILT20/40/60/1060/3060	Light diffusion filter for SMARTBATPLUSNEO series, 20°/40°/60°/10°x60°/30°x60°	▪ UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector
▪ SBPNEOFF	Filter frame for SMARTBATPLUSNEO series		

## PRESET FULL ON

Beam angle 50%: 11,5°



## TECHNICAL DRAWINGS



## CERTIFICATIONS / APPROVALS



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

Visit our website for specifications and tech documentations

