

Smart BatPlusNeoPack

Pack with 6 SMARTBATPLUSNEO, battery charger flight case, IR controller, power cable



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 SmartBat 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.

The pack includes:

- 6 x **SMARTBATPLUSNEO**
- 1 **FCLSMARTBATPNEO**
- 1 **PRL-IRC**
- 1 PowerCON power cable

MAIN FEATURES

- Maximum power consumption during charging is 570W
- Pack Weight: 50,5 kg

VERSIONS

Code	Housing
SMARTBATPNEOPACK	Chrome
SMARTBATPNEOPACKB	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: 3.200 K -9.000K
- Colour wheel: virtual colour wheel with macros
- Macros: built-in white presets

DYNAMIC EFFECTS

- Control Resolution: 16-bit dimmer and color control
- Static mode: selection of static colour
- Manual mode: manual adjustment of colour
- Auto mode: built-in programs with execution speed adjustment

CONTROL

- Supported Protocols: CRMX+W-DMX, RDM
- DMX channels: 1 / 3 / 4 / 5 / 10 / 11 / 17ch
- RDM: for remote addressing and parameter configuration
- Display: Graphic User Interface
- IR: infrared sensor controlled by remote

MOVEMENT

- Tilt: (up to) 20° with adjustable foot support

ELECTRONICS

- Dimmer: linear 0 - 100% electronic dimmer
- Dimmer curves: 4 selectable dimming modes available
- Strobe / shutter: 1 - 25 Hz, electronic
- Selectable PWM: 600 to 25000 Hz (selectable steps)
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX1 (not included)

BATTERY

- Battery: 16,8V lithium
- Estimated battery life: up to 3 / 6 / 8 / 12 / 18 / 24 h (selectable)
- Recharge connection: magnetic fast-charge in case
- Recharge time: 4h (max)
- Battery level indicator: shown on display

CONNECTIONS

- Wireless Connection: integrated LumenRadio TiMo FX RDM - CRMX and W-DMX compatible
- Data connection: CRMX transceiver

ELECTRICAL

- Mains power supply: 100-240V - 50/60Hz (SBPLUSNEOPOWER charger not included)
- Max power consumption (230V): 66W

PHYSICAL

- IP rating: IP65 for temporary outdoor use
- Cooling: fan-free with natural convection
- Housing: Sturdy die-cast aluminium body
- Finish: black or mirror
- Operating temperature: Ta 0 to +45 °C (+32 to +113 °F)
- Dimensions (WxHxD): 138x180x147mm / 5.43"x7.09"x5.79"
- Weight: 3,4kg / 7.5lbs

INSTALLATION

- Suspension and fixing: M12 threaded insert for easy clamp installation

CERTIFICATIONS / REPORTS

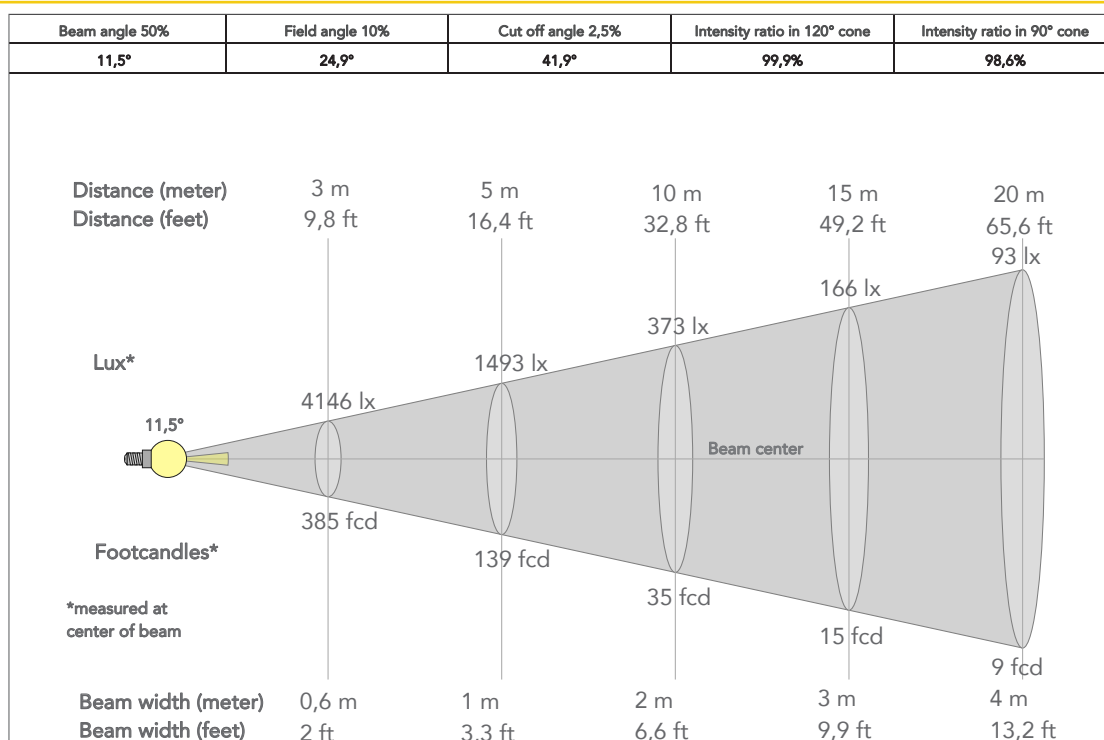
- Compliance: CE, RCM, FCC, cTUVus

ACCESSORIES & RELATED PRODUCTS

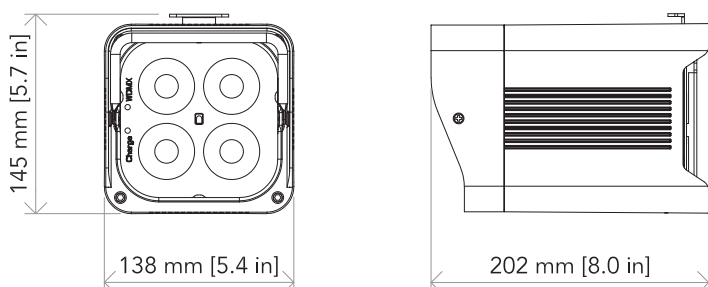
- FCLSMARTBATPNEO Flight case for 6 SMARTBATPLUSNEO, battery charger included
- PRL-IRC RGBWA IR controller, 29 buttons, manual/static colours, auto programs, fade
- SBPNEOL10/20/35/60 Lens for SMARTBATPLUSNEO series, 10°/20°/35°/60°
- SBPNEOFILT20/40/60/1060/3060 Light diffusion filter for SMARTBATPLUSNEO series, 20°/40°/60°/10°x60°/30°x60°
- SBPNEOFF Filter frame for SMARTBATPLUSNEO series
- SBPNEOSNOOT Snoot for SMARTBATPLUSNEO series
- SBPNEOPOWER SMARTBATPLUSNEO recharging base
- SBPUPBOX1 Interface between UPBOX1 and SMARTBATPLUS for make firmware upgrade
- UPBOXPRO Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector
- AETHERBOX IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready
- AETHERBOXONE IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready, POE

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

