Smart ParNeo

Battery spotlight with 7x10W RGB+WW Outdoor rated

ORDER CODE: **SMARTPARNEO**



The **Smart** ParNeo is an IP-rated, battery-powered spotlight that combines the key advantages of the iconic **Smart** BatPlus uplighter with a more flexible design, expanding the range of possible applications.
Equipped with 7 × 10W RGB+WW LEDs and powered by SpektraOS for advanced color control and consistency, this fixture supports both battery operation with CRMX wireless control and wired operation through power supply and chassis-mount connectors, ensuring seamless integration without limitations in either wireless or wired setups.
Smart ParNeo is compact and highly portable, featuring a round body with a flat base that makes it naturally suited for uplighting. It can also be easily converted into a focusable spotlight thanks to a quick-lock, self-standing sliding yoke, allowing use either as a ground-standing fixture or in suspended installations with cam-lock clamps.
Additionally, the unit can be customized with a range of quick-mount colored covers, ideal for adapting the fixture to different event environments. A selection of light modifiers and accessories further enhances its functionality and versatility.
The unit features built-in NFC for quick configuration and can be supplied with a fast-charging flight case for six units, making it perfectly suited for touring applications.
The **Smart** ParNeo is the latest flexible and multipurpose addition to the iconic SmartBat series, setting a new benchmark in portable professional lighting.

MAIN FEATURES

- IP-rated battery spotlight with wireless CRMX and wired operations.
- 7×10W RGB+WW LEDs with SpektraOS for precise color control.
- Convertible design for uplighting or focusable spotlight use
- Customizable with covers and accessories for versatile applications

TECHNICAL SPECIFICATION

LIGHT SOURCE
- Source: 7x10W RGB + Warm White LED
- Luminous flux: 3’188 lm @Full
- Lux: 2’356lx @5 m full
- CRI: 92,3 @3.200K; 90,9 @5.600K
- R9: 89,8 @3.200K; 97,8 @5.600K
- TM30 Rf: > 90
- TM30 Rg: < 107
- Source life expectancy: > 50.000 h

OPTICS
- Beam angle: 11°
- Field angle: 21°
- Additional optics: (optional) 20° and 40° - see available accessories
- Other: barn doors, snoot, additional filters - see available accessories

COLOUR SYSTEM
- Spektra OS: unmatched color precision and consistency
- Colour mixing: RGB + Warm White
- CCT: CCT control range from 2.800K to 10.000K, + / - green correction, tungsten emulation
- White presets: 2.700 K -10.000K
- Colour wheel: virtual colour wheel with macros
- Macros: several pre-built macros with adjustable speed

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: DMX512, RDM, CRMX, NFC
- DMX channels: 4/6/10/3 ch in legacy mode | 1/5/11/17ch
- RDM: for remote addressing and parameter configuration
- Display: Graphic User Interface
- IR: infrared sensor controlled by remote (included in the pack, not included in single unit)
- Master/Slave: for synchronised operation of more units linked in a chain

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: 1000 to 25000 Hz (selectable steps)
- Firmware upgrade: via DMX with UPBOXPRO/UPBOX1 (not included)

BATTERY
- Battery: 37V 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
- Power connection: Seetronic powerCON TRUE IP65 IN/OUT
- Signal connection: Seetronic XLR 5p IN/OUT connectors
- Wireless Connection: integrated LumenRadio TiMo FX RDM - CRMX and W-DMX compatible
- Data connection: CRMX transreceiver

ELECTRICAL
- Mains power supply: 100-240V - 50/60Hz
- Max power consumption (230V): 85W
- Standby power: 5,8 W

PHYSICAL
- IP rating: IP65 for temporary outdoor use
- Cooling: fan-free with natural convection
- Housing: Sturdy die-cast aluminium body
- Finish: black
- Operating temperature: Ta 0 to +45 °C (+32 to +113 °F)
- Dimensions (WxHxD): 194x249x147mm / 7.64”x9.8”x5.79”
- Weight: 4kg / 8.82lbs

INSTALLATION
- Suspension and fixing: hanging bracket for floor positioning with “Quick-Lock” system
- Bracket system: fast removible bracket
- Other: Quick release foot to achieve 20° adjustable tilt

CERTIFICATIONS / REPORTS
- Compliance: CE, RCM, FCC, cTUVus

BOX CONTENT
- 1 x SMARTPARNEO
- 1 x 1,5 meters power cable (BARE END - SEETRONIC IP65 power connector)
- User Manual

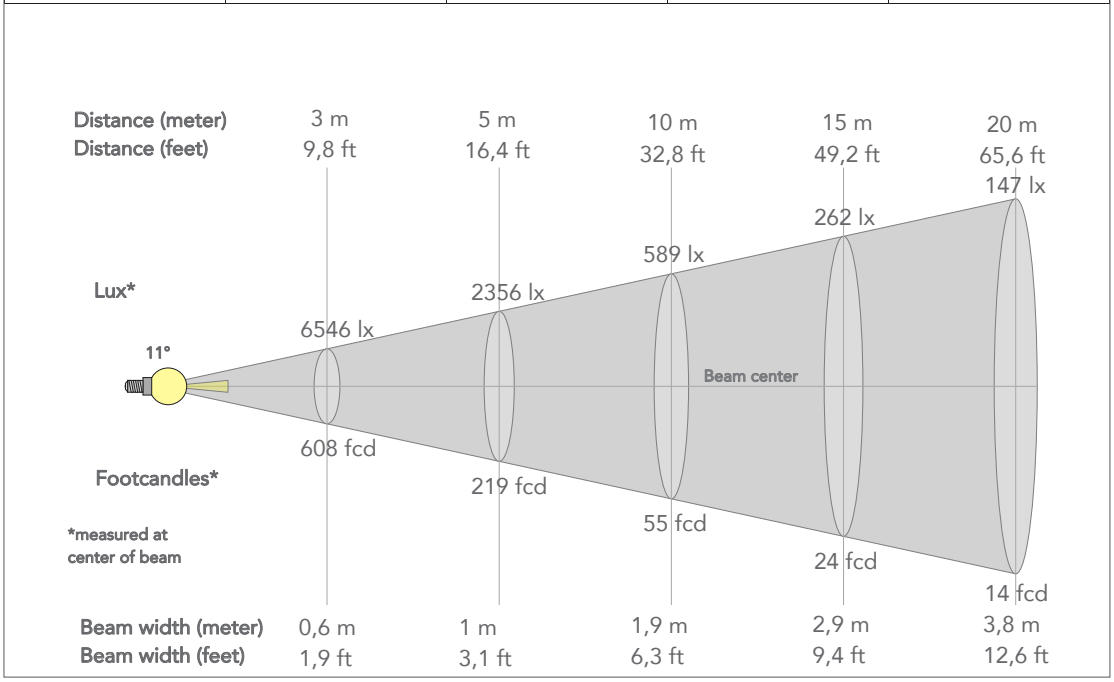
ACCESSORIES & RELATED PRODUCTS

SMARTPARNEOPACK	Pack with 6 SMARTPARNEO, battery charger flight case, IR controller, AC cable, black finishing
FCLSMARTPARNEO	Flight case for 6 SMARTPARNEO, battery charger included
OS24PLUS	Quick-lock omega bracket, M12 hole
PRL-IRC	RGBWA IR controller, 29 buttons, manual/static colours, auto programs, fade
SBPARFF	Filter frame for SMARTPARNEO
SBPARLENS10/20/40	Lens for SMARTPARNEO series, 10°/20°/40°
SBPARFILT20/40/60 1060/3060	Light diffusion filter for SMARTPARNEO, 20°/40°/60° 10°x60°/30°x60°, filter holder included
SBPARDD12/24	12/24 cm diffused dome for SMARTPARNEO, 60° filter included
SBPARBDBK	Barn door with 8 directional flaps to adjust the light beam for SMARTPARNEO, black
SBPARHSNOOTBK	Half snoot for SMARTPARNEO, black
SBPARSNOOT	Snoot for SMARTPARNEO
SBPARCKWH/CR/GL	Cover kit for SMARTPARNEO, white/chrome/gold
AETHERBOXONE	IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready and PO
ÆTHERBOX	IP65 1 universe CRMX transceiver, DMX and Ethernet protocols, Wi-Fi, Bluetooth and battery ready
C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black&White& White
RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
9533FXWL03	Ass. 3x2.5mm TH07 cable, SCHUKO plug, MENAC3FXW socket, L.3m
UPBOXPRO	Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

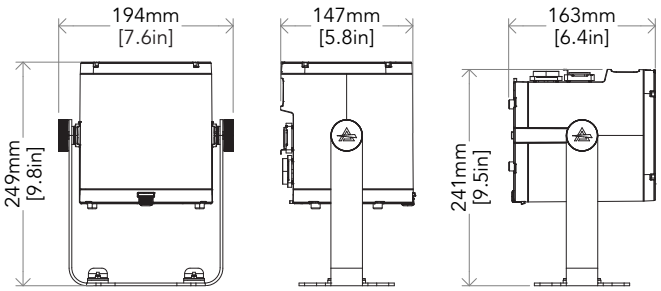
PRESET FULL ON

Beam angle 50%: 39,7°

Beam angle 50%	Field angle 10%	Cut off angle 2,5%	Intensity ratio in 120° cone	Intensity ratio in 90° cone
11°	20,6°	29,8°	98,2%	95,4%



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

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**** WARNING *** features, specifications and appearance are subject to change without notice*