Smart BatPlusNeo

ORDER CODE: SMARTBATPLUSNEO



VERSIONS

	Code	Finishing
	**SMARTBATPLUSNEO**	**Chrome**
	SMARTBATPLUSNEOBK	Black

SOURCE
7x10W RGB + Warm White LED

IP RATING
IP65 for temporary outdoor use

WEIGHT
3,4kg / 7.5lbs

LUMINOUS FLUX (MAX)
2'927 lm

CRI
Up to 90

Downloaded on 26/11/2026 - data may be provisional: features, specifications and appearance are subject to change without notice

TECHNICAL SPECIFICATIONS

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

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:	CRMX+W-DMX, RDM
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 multi-unit sync, set one unit as wireless TX (master DMX) and all others as slave receivers.

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 25,000 Hz (selectable steps)
Firmware upgrade with:	via DMX with UPBOXPRO/ UPBOX1 (not included)

BATTERY

Battery:	25,9V 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 compatible with CRMX and W-DMX G3/G4s

INSTALLATION

Mounting points:	M12 threaded mounting points

Downloaded on 26/11/2026 - data may be provisional: features, specifications and appearance are subject to change without notice

TECHNICAL SPECIFICATIONS

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
Weight:	3,4kg

CERTIFICATIONS / REPORTS

Compliance:	CE, RCM, FCC, cTUVus

BOX CONTENT

1 x SMARTBATPLUSNEO

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
Lens for SMARTBATPLUSNEO series, 10°



SBPNEOL20
Lens for SMARTBATPLUSNEO series, 20°



SBPNEOL35
Lens for SMARTBATPLUSNEO series, 35°



SBPNEOL60
Lens for SMARTBATPLUSNEO series, 60°

SBPNEOFILT20
Light diffusion filter for SMARTBATPLUSNEO series, 20°

SBPNEOFILT40
Light diffusion filter for SMARTBATPLUSNEO series, 40°

SBPNEOFILT60
Light diffusion filter for SMARTBATPLUSNEO series, 60°

SBPNEOFILT1060
Light diffusion filter for SMARTBATPLUSNEO series, 10°x60° (VxH)

SBPNEOFILT3060
Light diffusion filter for SMARTBATPLUSNEO series, 30°x60° (VxH)



SBPNEOFF
Filter frame for SMARTBATPLUSNEO series



SBPNEOSNOOT
Snoot for SMARTBATPLUSNEO series



SBPNEOPOWER
SMARTBATPLUSNEO recharging base



SBPUPBOXI
Interface between UPBOX1 and SMARTBATPLUS and SMARTBATPLUSNEO for make firmware upgrade

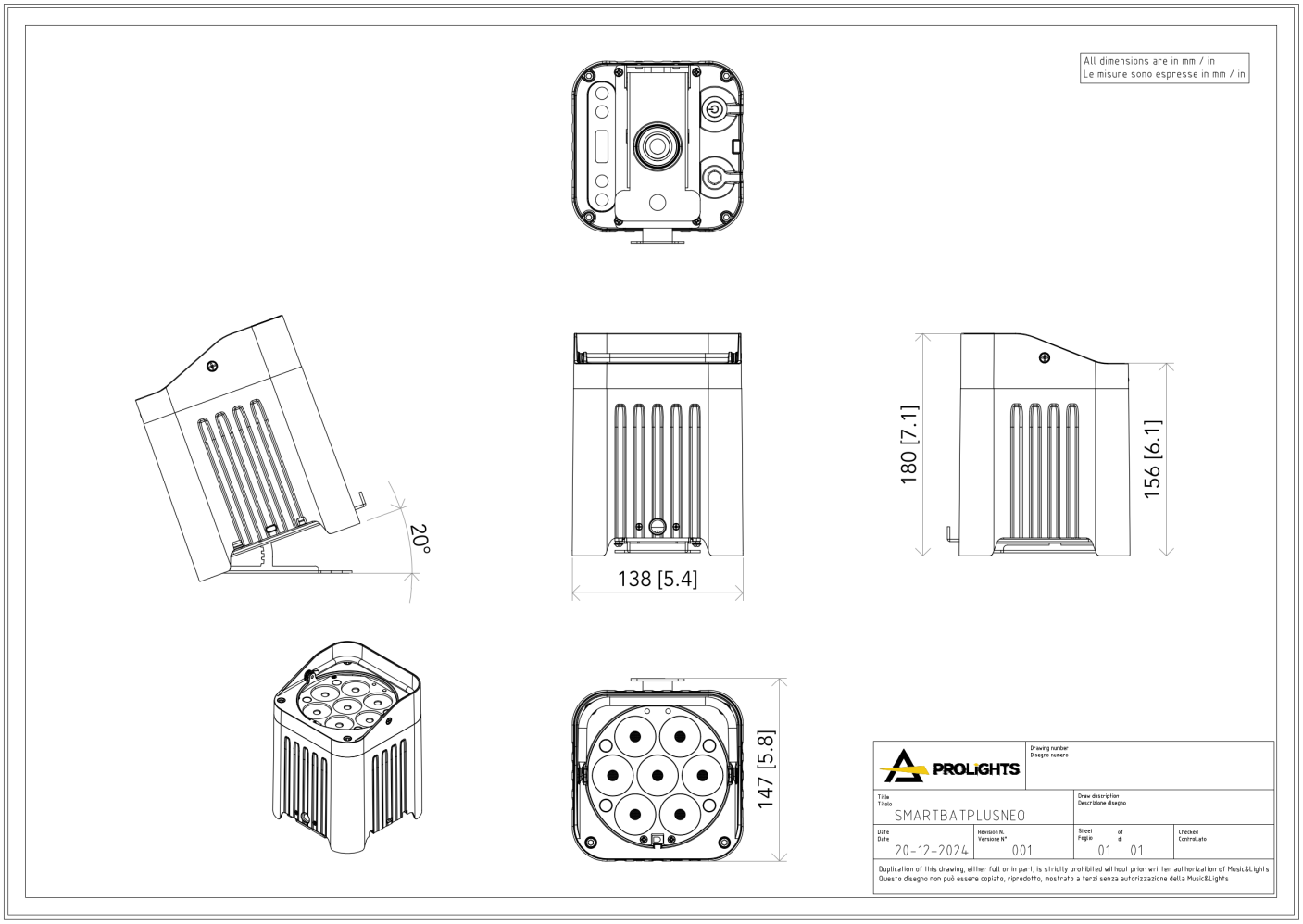


AETHERBOXONE
IP65 1x universe CRMX transceiver, DMX, Ethernet protocols, Wi-Fi, Bluetooth, battery-ready, POE



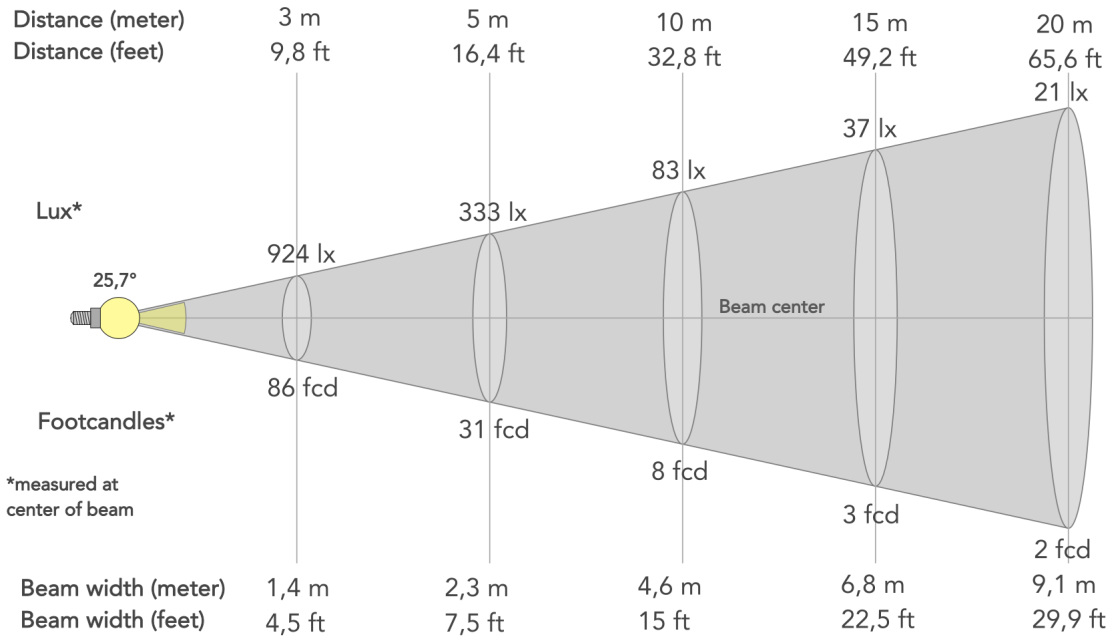
UPBOXPRO
Firmware uploader kit, USB IN, 5-pin XLR DMX OUT connector

TECHNICAL DRAWINGS



PHOTOMETRICS

Full On - 10Deg Lens + 20Deg Filter



Beam angle (50%): **25.7°**	Field angle (10%): **53.5°**	Cut-off angle (2.5%): **77.2°**