

ROXX NEO lite

Battery Washlight*



- 10x 20W RGBL
- optional high-capacity battery kit
- CRI/Ra & TLCI of up to 85
- IP65 In/Outdoor



Equipped with 10 × 20W RGBL LEDs, NEO lite generates an impressive luminous flux of over 9.000 lumens and delivers full power even when running on batteries – without compromise. Whether connected to the mains or used on the go: this exceptional brightness makes the product unique on the market and the first choice for anyone who expects maximum performance even when traveling. With up to 33.000lx @ 3m and 12.000lx @ 5m (both at 5.600K), it is the most powerful battery-operated washlight at its size. Its precisely engineered TIR lens produces a sharp 8.0° beam, while optional magnetic filters allow tool-free adjustments up to circular 80° or elliptical angles, unlocking maximum creative flexibility.

NEO lite achieves a CRI/Ra & TLCI of up to 85, guaranteeing accurate color rendering. With a variable CCT range from 2.000K to 10.000K and selectable PWM frequencies up to 25kHz, it delivers flicker-free performance and smooth 16-bit dimming, making it ideal for live, broadcast, and camera applications.

*Adding true independence, NEO lite can be equipped with an optional high-capacity battery kit, providing up to 24 hours of cable-free operation with a fast charging time.

For maximum flexibility, optional magnetic filters (10°, 15°, 40°, 80°, 10x60°, 60x10°) and an 8-way barndoor extend the creative possibilities. The rugged IP65 / IK08 housing, crafted from aluminium and nylon with a tempered glass front lens, ensures durability in both indoor and outdoor usage.

NEO lite also integrates advanced wireless technology: a built-in CRMX transceiver for professional wireless DMX, NFC for fast setup and addressing, and Bluetooth connectivity for direct control via the intuitive ROXX.APP—even without a power connection. And with the launch of ROXX.APP 3.0 in the first quarter of 2026, bi-directional communication via RDM/Bluetooth will unlock even more: from reading battery status to patching fixtures directly from the app, saving valuable time and making NEO lite even more attractive for mobile and battery-driven setups. The 2" TFT display with 10 backlit controls offers direct access to dimmer, CCT, color modes, and wireless settings, streamlining operation for professionals on the go.

Compact yet powerful, weighing only 7.4 kg without battery, NEO lite is easy to transport and install. Multiple mounting options, integrated handles, and TRUE1-compatible power connectors provide maximum flexibility and reliability.

Apps



Accessories



Filters



8-Way Barndoor



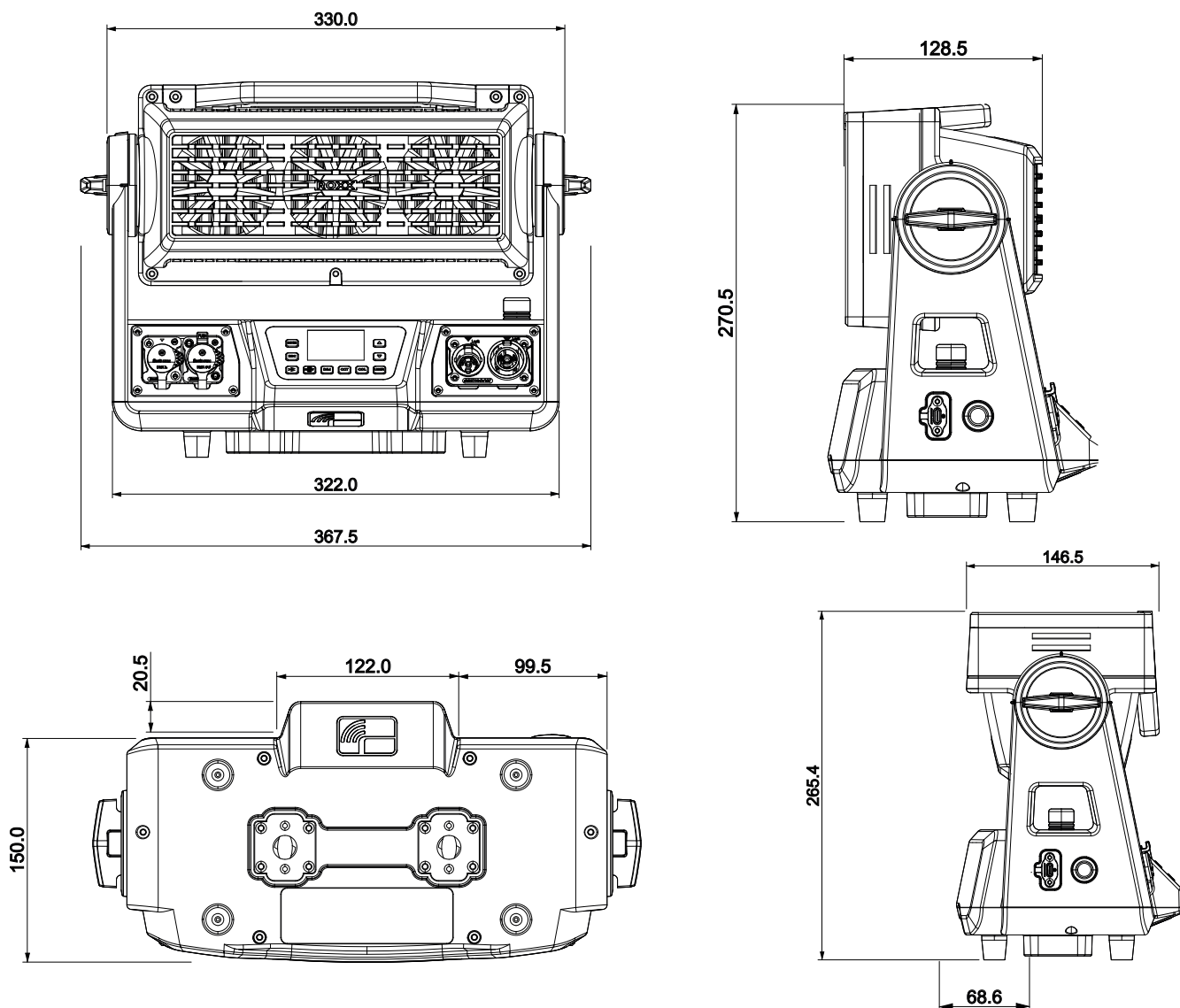
Battery Kit



Omega Bracket ST

Photometrics	
LED expected lifetime	50.000 hours
Lightsource	10x 20W RGBL
Type of optical system	TIR lens
LED PWM Frequency	selectable 800Hz, 1.200Hz, 2.000Hz, 3.600Hz, 12kHz, 25kHz
Beam angles @ Full (50%)	8.0°
Maximum Field angles @ Full (10%)	15.0°
Color temperature range	2.000-10.000K
CRI/Ra	up to 85
TLCI	up to 85
Luminous flux @ Full (RAW / AC & Battery)	9.030 lm
Luminous flux @ 5600K (Normal CRI)	8.432 lm
Luminous flux @ 5600K (High CRI)	5.210 lm
illuminance Lux @ 5m / 16,4ft (@ Full / RAW / AC & battery)	12.761 lux
illuminance Lux @ 5m / 16,4ft (@ 5600K Normal CRI)	11.844 lux
illuminance Lux @ 5m / 16,4ft (@ 5600K High CRI)	7.213 lux
Efficacy @ Full (max)	43 lm/W
Dimensions & Weight	
IP class	IP65
IK class	IK08
Body material	Aluminum, Nylon
Lens material	Tempered glass front
Net dimensions (w x h x d) - head straight up	367.5 x 265.4 x 174.5 mm
Net dimensions inches - head straight up	14.47 x 10.45 x 6.87 inch
Net weight (incl. Battery)	8.9kg / 19.62lbs
Net weight (without Battery)	7.4kg / 16.31lbs
Tilt	188°
Tilt Locking System	Mechanical locking system
Thermal Characteristics	
Cooling	Active, Forced Air, Temperature-regulated
Humidity (max.)	95%
Temperature range, AC Operating	-40°C to 45°C
Temperature range, Start-Up AC Operating	-20° to 45°C
Temperature range, Storage AC only	-40°C to 80°C
Temperature range, Battery Operating	-20° to 40°C
Temperature range, Start-Up Battery Operating	-20° to 40°C
Temperature range, Storage Battery	-10°C to 25°C
Temperature range, Charging	0°C to 40°C
Thermal Protection	Automatic overtemperature protection

Electrical Data	
AC Power, max	100 – 240V 50/60Hz
AC Power, nominal	100 – 240V 50/60Hz
Electrical protection	Overload protection with automatic recover
Power Max. Out	215W @ 230V (0.96A) / 228W @ 100V (2.29A)
Power Linking	11 units @ 230V / 5 units @ 100V
Power Factor	0.995
Standby Power	7W
Power Thru max. @ 100V	9A (ETL) / 12A
Power Thru max. @ 230V	11A (ETL) / 14A
Power Supply Unit	Inbuilt auto-ranging electronic switch-mode
Battery	
Battery Typical Capacity	14Ah / 302.4Wh (24x Lithium-Ionen including BMS)
Lifetime	70% after 300 cycles
Battery Run Time	up to 24 hours
Charging Time (nominal)	4 1/2 hours
Included / optional	
Included items	2m Power Cable
Optional Accessories	Battery Kit, magnetic filters (circular, elliptical-horizontal), 8-Way Barndoor, Omega Bracket ST
Color options	Black – RAL 9004 (Standard) Custom color – any RAL (on request)
Operator & Controller	
DMX channels	3CH CCT, 3CH RGB, 6CH RGB, 8CH RGB, 11CH RGB, 15CH RGB, 4CH DIRECT, 8CH DIRECT, 9CH DIRECT, 12CH DIRECT, 17CH DIRECT, 12CH HSI
DMX modes	12
Protocol	USITT DMX512A RDM ANSI E1.20 CRMX, W-DMX™ G2, W-DMX™ G3, W-DMX™ G4, W-DMX™ G4S Bluetooth (Low Energy)
Setting and addressing	2.0" TFTdisplay / 10 controls RDM ANSI E1.20 Near Field Control (NFC)
Standalone mode	Auto Program, Color Macro, Quick Color, Tunable White, User Color
Wireless DMX	Lumen Radio transmitt & receive function (CRMX)
indicator	2.0" TFT display
controls	10 backlighted controls
Strobe	0-30Hz
DMX I/O	IP65 XLR 5-pin male/female
Power In	TRUE1 compatible input & link-thru sockets
USB Firmware Update	IP65 USB-C socket / USB update box
Installation	
Mounting point on fixture bottom side	2x 1/4 turn Omega Bracket
Orientation	Any
Rigging possibilities	hanging direct
Safety features	2x head-mount (handle) for accessory safety wires
Minimum distance from flammable materials	0.3 meters (11.8 inch)



Order Number

ROXX NEO lite	Order Number
ROXX NEO lite	14200501
Accessories	Order Number
NEO lite Battery Kit	14908300
NEO lite Filters (Very Narrow 10°)	14907001
NEO lite Filters (Narrow 15°)	14907101
NEO lite Filters (Medium 40°)	14907201
NEO lite Filters (Wide 80°)	14907301
NEO lite Filters (Horizontal 60°x10°)	14907401
NEO lite Filters (Vertical 10°x60°)	14907501

Accessories	Order Number
8-Way Barndoor	14907601
Omega Bracket ST	90900002-2
Casetec Case 6x NEO lite Upside down	TBA
Casetec Case 6x NEO lite Head up	TBA
Amptown Case 6x NEO lite	TBA