

## ROXX NEO mini

### Wash-/Flood-Light



- 10x 60W RGBL
- 20.681 lm luminous flux
- CRI / Ra & TLCI 85
- IP65 In/Outdoor



Illuminate your world with NEO mini, a cutting-edge lighting fixture that combines unparalleled performance with versatility and convenience. With 10 x 60W RGBL LEDs, NEO mini generates an astounding 22739lx@5m, calibrated at 5600K, ensuring your space is bathed in brilliant light. Crafted with precision, the fixture features a specially developed 9° TIR lens, ensuring high illuminance even over extended distances while guaranteeing seamless color mixing for captivating displays. Enhance your lighting setup further with optional magnetic filters, offering a range of circular and elliptical beam angles, along with a smoked clear filter tailored for impeccable camera applications.

NEO mini boasts a CRI/Ra & TLCI of 85 across the entire white color spectrum, ensuring accurate color reproduction that breathes life into your surroundings. Four controllable segments provide unparalleled customization, empowering you to tailor your lighting to suit any scenario. Built to withstand the elements, NEO mini has a certified IP65 rating, making it suitable for both indoor and outdoor use. The integrated CRMX transceiver and Bluetooth module offer seamless wireless DMX setup according to industry standards, along with direct control via the intuitive ROXX.APP, streamlining your workflow and enhancing efficiency.

Experience hassle-free addressing and configuration with NEO mini's integrated Near Field Communication (NFC), even when fixture power is not available. This innovative feature revolutionizes your daily work processes, making light setup faster, easier, and more satisfying than ever before. The specially developed copper heat pipe cooling system ensures stable luminous intensity, even in high ambient temperatures. With temperature-controlled fan modes, including fanoff mode for silent operation, NEO mini is ideal for any stage, TV, and film application. The fixture offers linear CTC control from 2000K to 10,000K, ensuring versatility for any lighting scenario. The user-friendly 2" TFT display, complemented by backlit buttons, provides direct access to dimmer, CCT, gels, app control, and CRMX functions, simplifying operation for users of all levels.

Designed with convenience in mind, NEO mini features integrated handles on both the head and yoke, allowing for comfortable transportation. Multiple mounting locations offer creative rigging options, while 16-bit dimming control ensures smooth, perfect fades for seamless transitions. Experience seamless transitions with 16-bit dimming control, ensuring smooth, perfect fades every time. Plus, adjustable PWM frequencies up to 25kHz guarantee flicker-free operation, providing optimal lighting conditions for any shoot.

#### Apps



#### Accessories



Filters



8-Way Barndoor



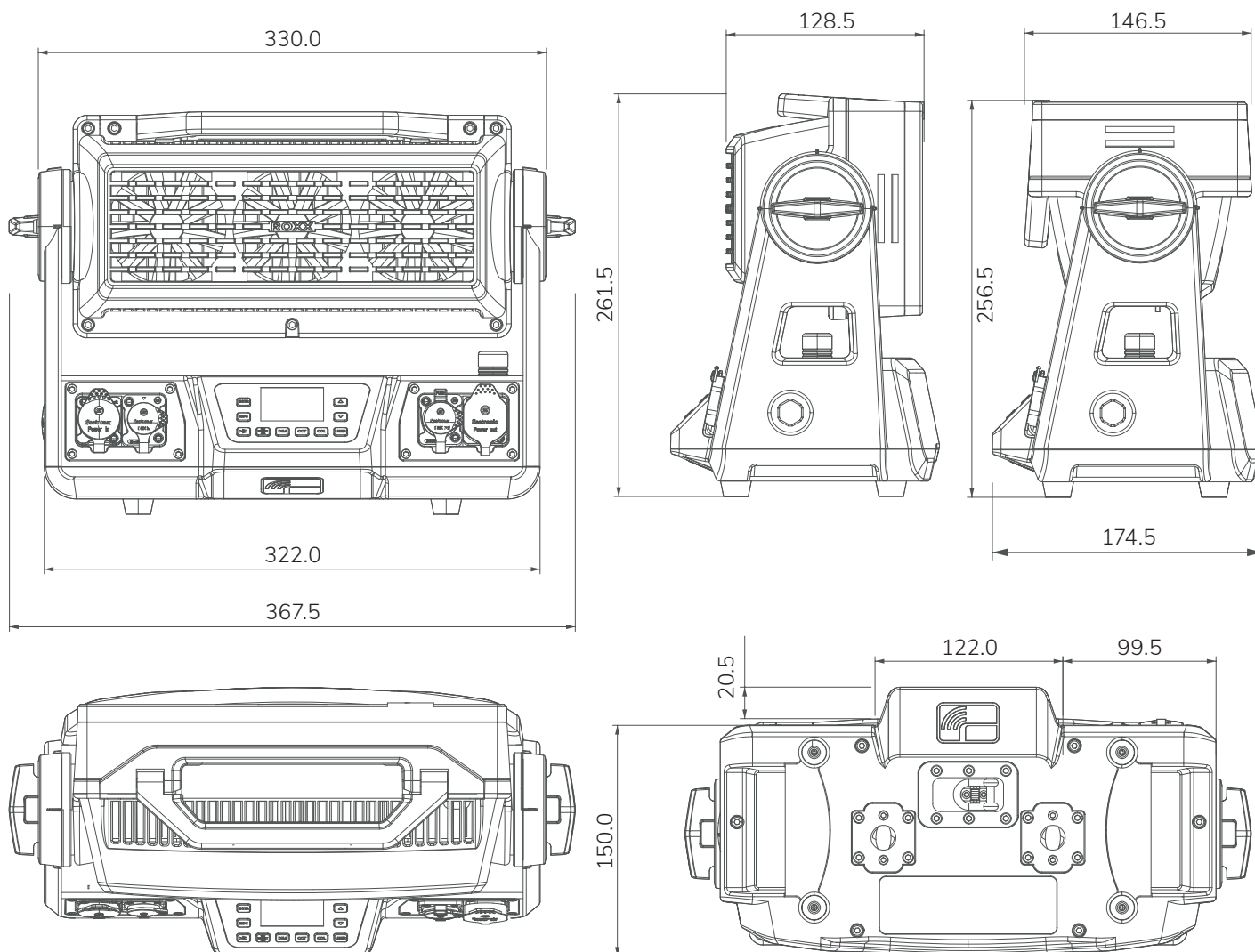
Omega Bracket ST

## Technical Data

Photometrics	
LED expected lifetime	50.000 hours
Lightsource	10x 60W RGBL
Type of optical system	TIR lens
LED PWM Frequency	selectable 800Hz, 1.200Hz, 2.000Hz, 3.600Hz, 12kHz, 25kHz
Beam angles @ Full (50%)	9° (native)
Maximum Field angles @ Full (10%)	16° (native)
Color temperature range	2000-10.000K
CRI/Ra @ 5600K	85
TLCI @ 5600K	74
Luminous flux @ Full (RAW)	20681lm (677,6 W)
Luminous flux @ 5600K (Normal CRI)	20210lm (533,1W)
Luminous flux @ 5600K (High CRI)	14699lm (299,8 W).
illuminance Lux @ 5m / 16,4ft (@ Full)	22739lx.
illuminance Lux @ 5m / 16,4ft (@ 5600K Normal CRI)	22297lx.
illuminance Lux @ 5m / 16,4ft (@ 5600K High CRI)	15863lx.
Efficacy @ Full (max)	49 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)	367,5 x 261,5 x 174,5 mm
Net dimensions inches	14,47 x 10,30 x 6,87 inches
Net weight (incl. Yoke)	7,7kg / 16,97 lbs
Tilt	220°
Tilt Locking System	Locking system including angle indicator
Thermal Characteristics	
Cooling	Active, Forced Air, Temperature-regulated
Humidity (max.)	95%
Temperature range, Operating	-40°C to 45°C
Temperature range, Start-Up	-20° to 45°C
Temperature range, Storage	-40°C to 80°C
Thermal Protection	Automatic overtemperature protection
Electrical Data	
AC Power, max	90 – 285V 50/60Hz
AC Power, nominal	100 – 240V 50/60Hz
Electrical protection	Overload protection with automatic recover
Max. power consumption	674W @ 100V / 644W@ 230V
Standby Power	13,4W
Power Thru max. @ 100V	5A (ETL) / 8A
Power Thru max. @ 230V	9A (ETL) / 12A

## Technical Data

Power Linking	3 units @ 230V / 1 unit @ 120V
Power Factor	PF0.996 @ 100V / PF0.979 @ 230V
Power Supply Unit	Inbuilt auto-ranging electronic switch-mode
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, 10CH 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 socket
Included / Optional	
Included items	2m Power Cable
Optional Accessories	Multiple magnetic filters (circular / elliptical, smoked-clear), 8-Way Barndoor, Omega Bracket ST
Color options	Black – RAL 9004 (Standard) Custom color – any RAL (on request)
Installation	
Mounting point on fixture bottom side	1x 1/4 turn Omega Bracket
Orientation	Any
Rigging possibilities	hanging direct
Safety features	1x bottom mount for fixtures safety wire / 2x Yoke mount for accessory safety wires
Minimum distance from flammable materials	0,3 meters (11,8 inch)



## Order Number

ROXX NEO mini	Order Number
ROXX NEO mini	14201001
Accessories	Order Number
NEO mini Filters (Very Narrow 10°)	14907001
NEO mini Filters (Narrow 15°)	14907101
NEO mini Filters (Medium 40°)	14907201
NEO mini Filters (Wide 80°)	14907301
NEO mini Filters (Horizontal 60°x10°)	14907401
NEO mini Filters (Vertical 10°x60°)	14907501

Accessories	Order Number
8-Way Barndoor	14907601
Omega Bracket ST	90900002-2
Casetec Case 6x	14907741
Amptown Case 6x	14907711

