



## ROXX NEOi

Wash-/Flood-Light for installation

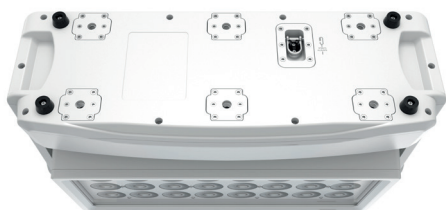
- 24x 40W RGBL
- 37.690 lm luminous flux
- CRI / Ra & TLCI > 85
- IP66 In/Outdoor



The NEOi is purpose-built for challenging environments where durability meets performance. Designed with resilience in mind, the NEOi is IP66-certified, offering full protection against dust and powerful water jets, making it ideal for outdoor applications. Its IK09 impact resistance and 3G vibration rating and UV resistance provide unparalleled reliability, even in high-stress settings like architectural lighting, coastal areas, and industrial locations.

Encased in a sleek RAL 9010 white housing with a premium C5H coating, the NEOi combines strength and elegance. The body is constructed from high-grade aluminum, durable nylon, and stainless steel, all carefully selected for maximum longevity in harsh environments. With all exterior screws crafted from stainless steel, corrosion resistance is built into every detail. This fixture's display-free design further enhances its resilience, with all settings conveniently controlled via the ROXX NFC app.

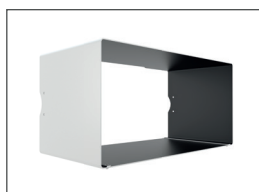
The NEOi's flexibility is expanded with the Omega Bracket STI, ensuring secure mounting and smooth integration into various setups, complete with M10 stainless steel screws and washers. Supported by a 5-year warranty, the NEOi is built to last, making it a trusted choice for large-scale installations and high-impact architectural projects. For professionals who require additional customization, the NEOi offers optional internal filters and a range of accessories that adapt to any application need.



### Apps



### Accessories



Full Glare Shield



Half Glare Shield



ROXX Guard



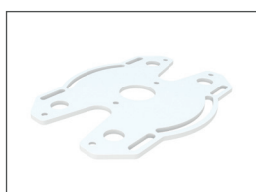
Diverse Diffusors



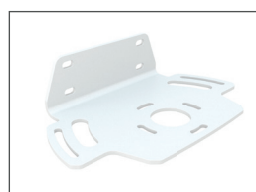
Optional CRMX & Bluetooth Module



ROXX Grid



Wall Mount Floor



Wall Mount 90°



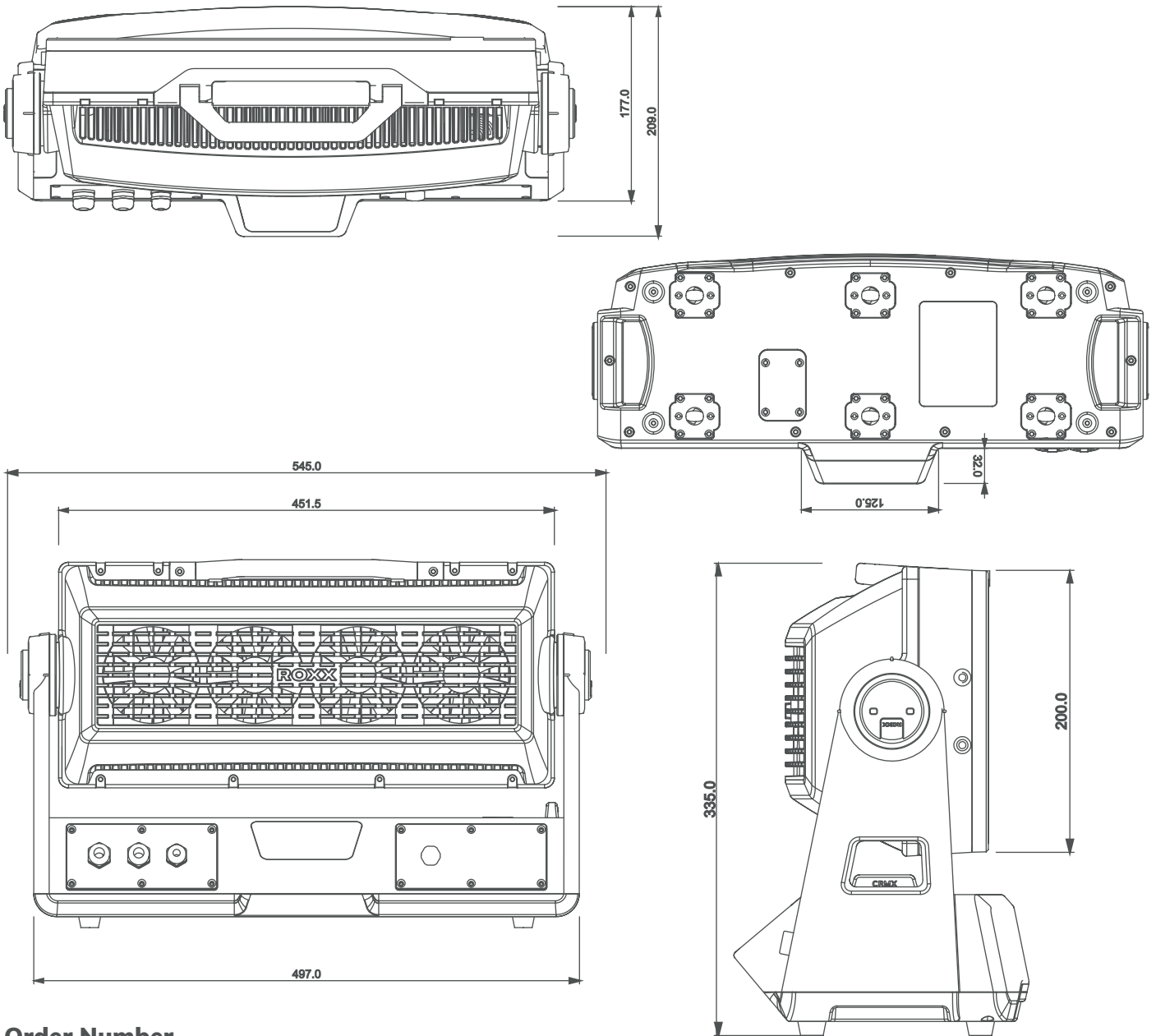
Omega Bracket STI

## Technical Data

Photometrics	
LED expected lifetime	50.000 hours
Lightsource	24x 40W 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° (native)
Maximum Field angles @ Full (10%)	15° (native)
Color temperature range	2000-10.000K
CRI/Ra @ 5600K	85
TLCI @ 5600K	85
Luminous flux @ Full (RAW)	27.225 lm (918W)
Luminous flux @ 5600K (Normal CRI)	26.183 lm (721,5W)
Luminous flux @ 5600K (High CRI)	16.627 lm (389,4W)
illuminance Lux @ 5m / 16,4ft (@ Full)	38.525 lx / 3579 fcd
illuminance Lux @ 5m / 16,4ft (@ 5600K Normal CRI)	36.865 lx / 3425 fcd
illuminance Lux @ 5m / 16,4ft (@ 5600K High CRI)	23.124 lx / 2148 fcd
Efficacy @ Full (max)	29,7 lm/W
Dimensions & Weight	
IP class	IP66
IK class	IK09
Vibration Rating	3G
Body material	Aluminum, Nylon, Stainless Steel
Lens material	Tempered glass front
Net dimensions (w x h x d)	545 x 340 x 210 mm
Net dimensions inches	21,46 x 13,39 x 8,27 inches
Net weight (incl. Yoke)	15,4kg / 33,95 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 – 277V 50/60Hz
Electrical protection	Overload protection with automatic recover
Max. power consumption	988W
Standby Power	11,2W
Power Thru max. @ 100V	2A (ETL) / 5A

## Technical Data

Electrical Data	
Power Thru max. @ 230V	7A (ETL) / 10A
Power Linking	1 unit @ 230V / 0 units @ 100V
Power Factor	PF 0.993@ 100V / PF 0.977@ 230V
Power Supply Unit	Inbuilt auto-ranging electronic switch-mode
Operator & Controller	
DMX channels	3CH CCT, 3CH RGB, 6CH RGB, 8CH RGB, 19CH RGB, 23CH RGB, 4CH DIRECT, 8CH DIRECT, 9CH DIRECT, 21CH DIRECT, 26CH DIRECT, 17CH HSI, 16CH PURE, 29CH PURE, 28CH FULL ACCESS, 44CH FULL ACCESS
DMX modes	16
Protocol	USITT DMX512A
	RDM ANSI E1.20
	CRMX, W-DMX™ G2, W-DMX™ G3, W-DMX™ G4, W-DMX™ G4S (optional)
	Bluetooth Low Energy (optional)
Setting and addressing	Near Field Control (NFC)
	RDM ANSI E1.20
Standalone mode	Auto Program, Color Macro, Quick Color, Tunable White, User Color
Wireless DMX	optional Lumen Radio transmit & receive function (CRMX)
indicator	none
controls	none
Strobe	0-30Hz
DMX I/O	PG9 incl. 3m meter cable for DMX In and DMX Thru
Power In	PG11 incl. 3m
Power Out	PG11 incl. sealing cap
Included / Optional	
Included items	none
Optional Accessories	Multiple in-built filters (circular / elliptical), Half Anti-Glare Shield, Full Anti-Glare Shield, Grid, Rock Guard, Floor Mounting Plate, Wall Mounting Plater, Omega Bracket STi
Color options	Black - RAL9004 C5H coated
	Custom color – any RAL C5H coated (on request)
Installation	
Mounting point on fixture bottom side	3x M10 Omega Bracket
Mounting point on fixture Yoke side	1x M10 Omega Bracket
Orientation	Any
Rigging possibilities	hanging direct
Minimum distance from flammable materials	0,3 meters (11,8 inch)



## Order Number

ROXX NEOi	Order Number
ROXX NEOi	14302002
Accessories	Order Number
Internal Filterframe 10° Narrow	14905124
Internal Filterframe 15° Narrow	14905224
Internal Filterframe 40° Medium	14905324
Internal Filterframe 80° Wide	14905424
Internal Filterframe 60°x10° Horizontal	14905524
Internal Filterframe 10°x60° Vertical	14905624

Accessories	Order Number
Full Glare Shield	14905901
Half Glare Shield	90900002
ROXX Grid	14906602
ROXX Guard	14906502
Wall Mount Floor	14906702
Wall Mount 90°	14906802
Omega Bracket STi weiß	90900025
Optional CRMX & Bluetooth Module	90900008

