LUMINOSCAPE®

Architechural Lighting Solutions

Aurora Max RGBW Combined Source
Aurora RGBW Combined Source

INSTALLATION GUIDE

Important Note:
This installation guide is intended for reference purposes only. All installations should comply with local laws, regulations, and site-specific conditions. The recommendations provided are general guidelines and may require adjustments based on the actual site situation. Always consult a qualified professional for final installation decisions.

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INSTALLATION INSTRUCTIONS

Aurora Series

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WARNING:

- This product must be installed according to national and local electrical codes by a qualified individual familiar with the construction, operation, and associated risks.
- Failure to follow the installation instructions may result in serious injury or death.
- Disconnect power before installation or maintenance to avoid electrical shock.
- Do not exceed the rated voltage of the fixture.
- Do not install if the fixture, parts, or connectors are damaged.
- The fixture is rated **IP66** and is suitable for use in outdoor, wet locations.
- Do not submerge in water or other liquids.
- Do not exceed the maximum number of fixtures in any single run. Refer to **Table 1** for details.

CAUTION: Unauthorized modifications or repairs will void the warranty.

MAXIMUM LOAD CAPACITY PER RUN (Table 1)				
Series	**Aurora Max**		**Auror8a**	
Input Voltage Range	100-277V, 50/60Hz		100-277V, 50/60Hz	
Max Power	200W		100W	
Power Factor	≧0.9 (@100V)		≧0.9 (@100V)	
Max. Power Linking	US (100V)	EU (220V)	US (100V)	EU (220V)
	5 nos.	10 nos.	10 nos.	20 nos.
Max run length is for interlink and leading cables (Fixtures not included)	30 Meters @US 50 Meters @EU		30 Meters @US 50 Meters @EU	

Remark:

- Please be aware that mounting screws and hex-head bolts are not included with your purchase. Installers will need to supply these items for installation.
- The actual maximum daisy chain limit may vary based on the gauge of the leading cable and the specific installation conditions. The values provided are recommended guidelines and should be considered as such. Please ensure that all installations comply with local electrical codes and safety standards.

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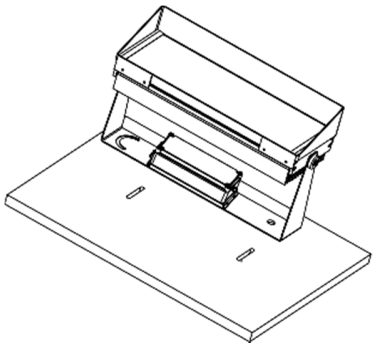
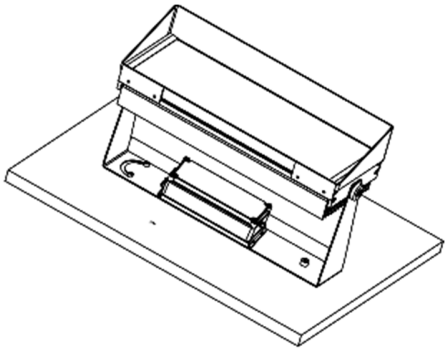
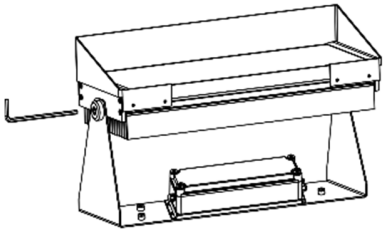
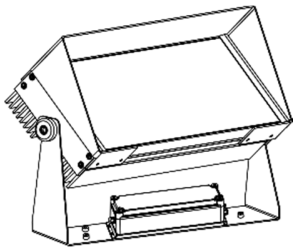
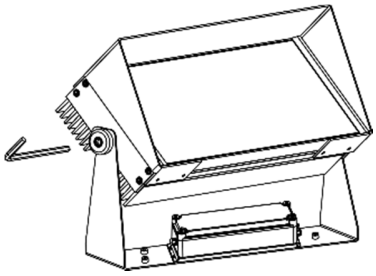
HARDWARE INSTALLATION STEPS	
STEP 1) Position the Fixture: Place the fixture in the desired location. 	**STEP 2) Secure Fixture Installation:** Ensure the fixture is securely fixed by fastening the screws through the screw holes on the mounting bracket. 
STEP 3) Bracket Angle Adjustment: To adjust the angle of the bracket, use an Allen key to loosen the hex bolts on the sides. 	**STEP 4) Adjust the Fixture:** Adjust the fixture to the desired angle. 
STEP 5) Secure Hex Bolts : Re-tighten the hex bolts on the sides of the bracket using an Allen key. 	

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WARNING (Static White):

- Ensure the **Aurora** is properly earthed, and the AC power supply is equipped with a circuit breaker or fuse, ground fault protection, and a device to disconnect power for servicing or when the fixture is not in use.
- Disconnect all cables and the fixture from the power source completely before performing any maintenance tasks.
- Implement measures to prevent the accidental reconnection of power during maintenance.
- Confirm that the voltage and frequency specified on the product label match the local mains power supply before turning on the fixture.

Wire Identification Schemes Table:

Cable	Function	Core(EU)	Wire Size
Power lead in	L (live)	Brown	1.3mm^2
	N (Neutral)	Blue	1.3mm^2
	GND (Earth)	Yellow/Green	1.3mm^2
Data lead in	DMX+	Purple	0.5mm^2
	DMX -	Grey	0.5mm^2
	DMX GND	Yellow	0.5mm^2
Power and Data Power Combine	L (live)	Brown	1.3mm^2
	N (Neutral)	Blue	1.3mm^2
	GND (Earth)	Yellow/Green	1.3mm^2
	DMX+	Purple	0.3mm^2
	DMX -	Grey	0.3mm^2
	DMX GND	Yellow	0.3mm^2

INSTALLATION COMPLETION CHECKILIST

Checklist Category	Task	Completed (✔)
General Preparation	Verify all components are present and undamaged (fixtures, cables, connectors, etc.).	
	Confirm the AC power supply matches the voltage and frequency specified on the product label.	
	Ensure the circuit breaker or fuse, ground fault protection, and power disconnect device are installed.	
Mounting and Fixture Alignment	Check that all fixtures are securely mounted using appropriate screws and brackets.	
	Verify alignment and angles are adjusted to achieve the desired lighting effect.	
Electrical Connections	Confirm all power and data cables are securely connected and meet the recommended wiring standards.	
	Verify proper grounding of the fixture for safety and compliance.	
	Ensure DMX cables (if applicable) are terminated correctly to prevent signal interference.	
Safety and Testing	Confirm that power is disconnected before performing any adjustments or maintenance.	
	Test the installation for proper functionality, including DMX addressing and control settings (if applicable).	
	Inspect for any exposed wiring, loose connections, or mechanical stress on cables.	
Final Inspection	Ensure setback distances are applied correctly for optimal lighting performance.	
	Verify that the installation complies with all national and local electrical codes.	

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