

DecoHody Static White **DecoHody 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.

INSTALLATION INSTRUCTIONS

DecoHody Flood Projector



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	DecoHody Static White		DecoHody RGBW Combined Source	
Input Voltage Range	100-277V, 50/60Hz		100-277V, 50/60Hz	
Max Power	33W(330mm), 52W(600mm), 84W(945mm)		30W(330mm), 60W(600mm), 98W(945mm)	
Power Factor	≥0.9		≥0.9	
Max. Power Linking	US (100V)		EU (220V)	
	30 nos.		58 nos.	
	16 nos.		36 nos.	
	11 nos.		23 nos.	
330mm (1ft)		33 nos.		63 nos.
600mm (2ft)		15 nos.		31 nos.
945mm (3ft)		20 nos.		20 nos.
Max run length is for interlink and leading cables (Fixtures not included)		20 Meters @US 30 Meters @EU		20 Meters @US 30 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.
 - Unlike the Luminoscape wallwashers series, only DecoHody units of the same length can be daisy-chained together. Units of varying lengths should not be connected in a daisy chain because their light intensities are not proportional. Each unit is designed for individual use.
 - 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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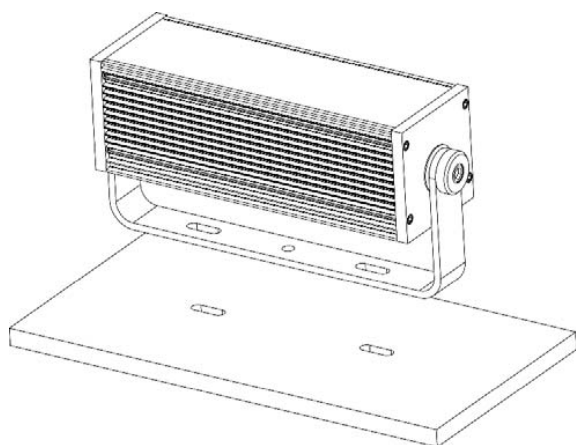
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HARDWARE INSTALLATION STEPS

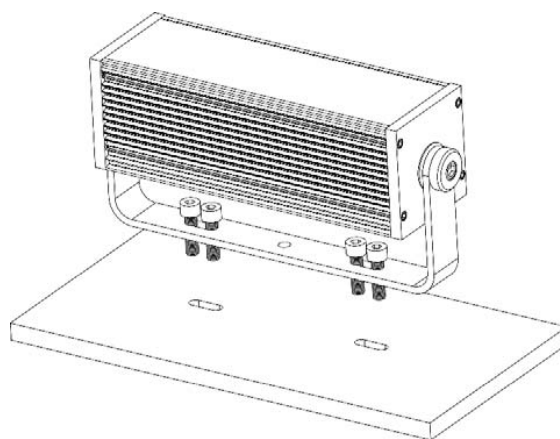
STEP 1) Position the Fixture:

Place the fixture in the desired location.



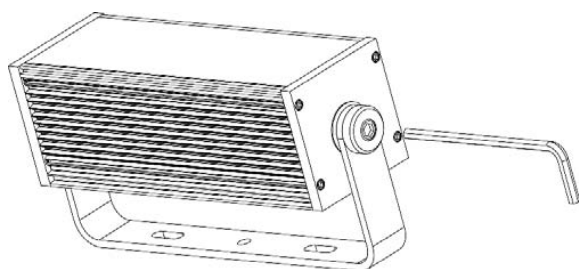
STEP 2) Secure Fixture Installation:

Ensure the fixture is securely attached by fastening the screws through the screw holes on the mounting brackets.



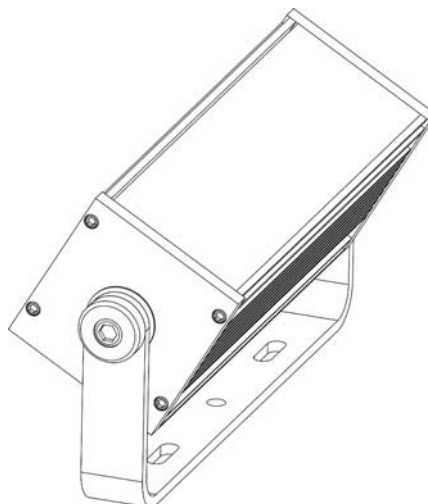
STEP 3) Adjusting Bracket Angle:

To change the angle of the bracket, use an Allen key to loosen the hex bolts on the sides.



STEP 4) Adjusting Fixture Angle:

Rotate the fixture to the desired angle.



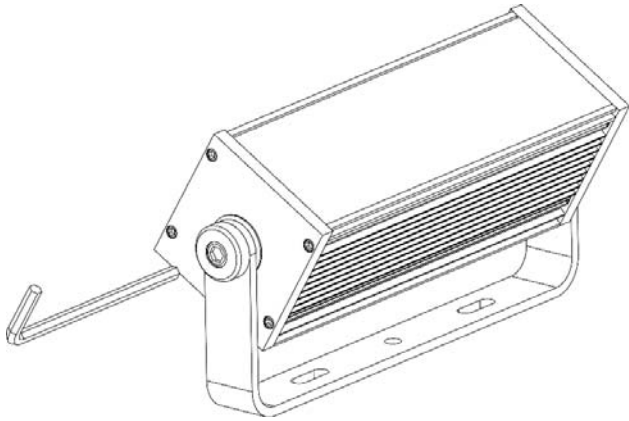
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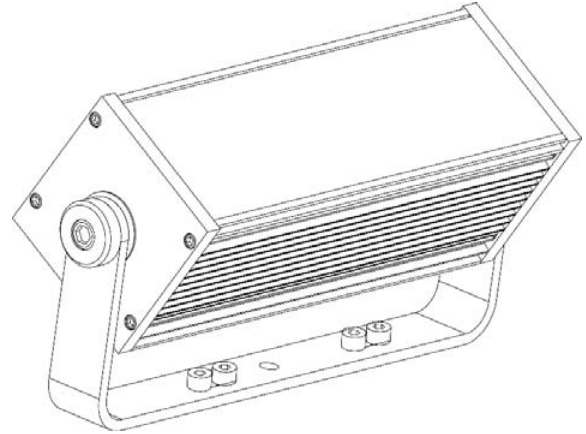
STEP 5) Retighten Hex Bolts:

Once at the desired angle, retighten the hex bolts



STEP 6) Connect to Junction Box

Once at the desired angle, retighten the hex bolts



INSTALLATION INSTRUCTIONS

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WARNING (Static White):

- Ensure the **DecoHody** 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.

CAUTION:

Unlike the Luminoscape wallwashers series, only DecoHody units of the same length can be daisy-chained together. Units of varying lengths should not be connected in a daisy chain because their light intensities are not proportional. Each unit is designed for individual use.

Wire Identification Schemes Table:

Cable	Function	Core(US)	Wire Size	Core(EU)	Wire Size
Power lead in/ Power extension Cable	L (live)	Black	16AWG	Brown	1.3mm ²
	N (Neutral)	White	16AWG	Blue	1.3mm ²
	GND (Earth)	Green	16AWG	Yellow/Green	1.3mm ²
Data lead in	DIM+	Purple	20AWG	Purple	0.5mm ²
	DIM-	Pink	20AWG	Grey	0.5mm ²
	N/A	Yellow	20AWG	Yellow	0.5mm ²
Power and Data Power Combine	L (live)	Black	16AWG	Brown	1.3mm ²
	N (Neutral)	White	16AWG	Blue	1.3mm ²
	GND (Earth)	Green	16AWG	Yellow/Green	1.3mm ²
	DIM+	Purple	22AWG	Purple	0.3mm ²
	DIM-	Pink	22AWG	Grey	0.3mm ²
	N/A	Yellow	22AWG	Yellow	0.3mm ²

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WARNING (RGBW Combined):

- Ensure the **DecoHody** fixture is earthed, and the AC power supply includes a circuit breaker, ground fault protection, and a disconnect device for servicing or when not in use.
- Before connecting DMX cables, ensure all wiring meets DMX standards to prevent communication issues or damage.
- Disconnect the power supply and DMX signal entirely before any maintenance or troubleshooting.
- Verify that voltage, frequency, and DMX settings match the product label and local mains supply before powering on the fixture.
- Confirm DMX address and control settings are accurate to prevent unintended lighting behavior.
- For DMX networks, ensure proper termination to avoid signal interference or reflections. (DMX Terminator)

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	N (Neutral)	White	16AWG	Blue	1.3mm ²
	GND (Earth)	Green	16AWG	Yellow/Green	1.3mm ²
Data lead in	DMX+	Purple	20AWG	Purple	0.5mm ²
	DMX-	Pink	20AWG	Grey	0.5mm ²
	DMX GRND	Yellow	20AWG	Yellow	0.5mm ²
Power and Data Power Combine	L (live)	Black	16AWG	Brown	1.3mm ²
	N (Neutral)	White	16AWG	Blue	1.3mm ²
	GND (Earth)	Green	16AWG	Yellow/Green	1.3mm ²
	DMX+	Purple	22AWG	Purple	0.3mm ²
	DMX-	Pink	22AWG	Grey	0.3mm ²
	DMX GRND	Yellow	22AWG	Yellow	0.3mm ²

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RECOMMENDED INSTALLATION TOOLS AND MATERIALS

Item	Description	Material	Recommended Length	Purpose
M6 Hex Key (Allen Wrench)	Tool for loosening hex head bolts to rotate the fixture	N/A	N/A	Loosen hex head bolt to adjust fixture angle.
Screws	Fasteners to secure the fixture.	Color-plated Zinc Carbon Steel 1215 or Stainless Steel 316/316L	10mm - 20mm	Secure fixture to surface; ensure suitable fastening strength.

Remarks:

1.

The items listed above are **recommended** for installation and are not provided by Luminoscape.
2.

Ensure the screws are made from durable materials such as **Color-plated Zinc Carbon Steel 1215** or **Stainless Steel 316/316L** to avoid corrosion and ensure longevity.
3.

The **M6 Hex Key** should match the hex head bolt size for easy adjustment of the fixture rotation.
4.

A **suitable fastener** should be chosen based on the mounting surface to ensure a secure installation.

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.	