

Luna Cove



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

Luna Cove

LUMINOSCAPE®

Architectural Lighting Solutions



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 **IP65** 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	Luna Cove
Input Voltage Range	220-240V, 50/60Hz
Max Power	5W(315mm) , 16W(615mm), 32W(1215mm)
Power Factor	≥ 0.9 (@220V)
Max. Power Linking	
315mm (1ft)	105 nos.
615mm (2ft)	72 nos.
1215mm (4ft)	55 nos.
Max run length is for interlink and leading cables (Fixtures not included)	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.
- 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.

INSTALLATION INSTRUCTIONS

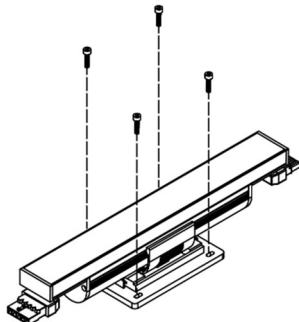
Luna Cove

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HARDWARE INSTALLATION STEPS

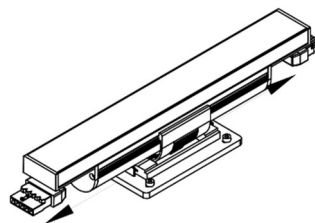
STEP 1) Position the Fixture:

Position the fixture in the desired location and lock it with set screws.



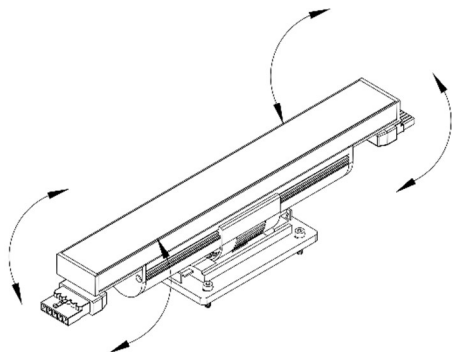
STEP 2) Mounting Clip Release:

Release the mounting clip from the mounting bracket.



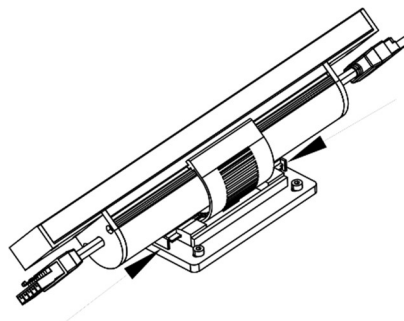
STEP 3) Angle Adjustment:

Tilt the fixture carefully to the specified angle.



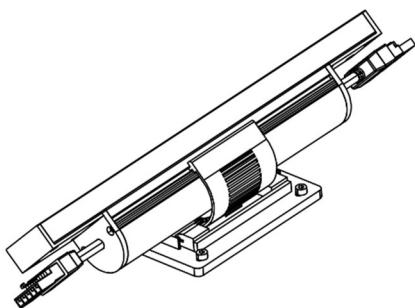
STEP 4) Locking the Fixture:

Secure the angle by pushing the mounting clip back into its locked position until it clicks.



STEP 5) Installation Complete:

The hardware installation is completed



INSTALLATION INSTRUCTIONS

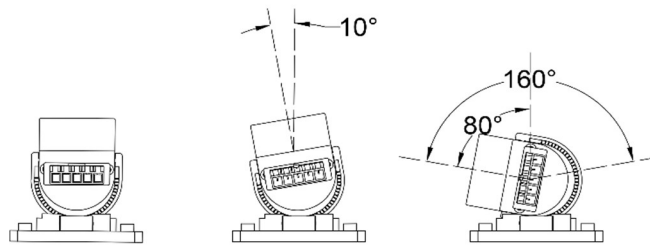
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CABLE AND CONNECTIONS (Static White)

Our best-in-class mounting bracket features a geared rotation mechanism that allows for precise, tool-free adjustment. Simply rotate the fixture to feel and hear a solid "click" for every 10 degrees of movement. This innovative design provides intuitive control and a secure hold, enabling perfect alignment up to 80 degrees in either direction with absolute confidence.

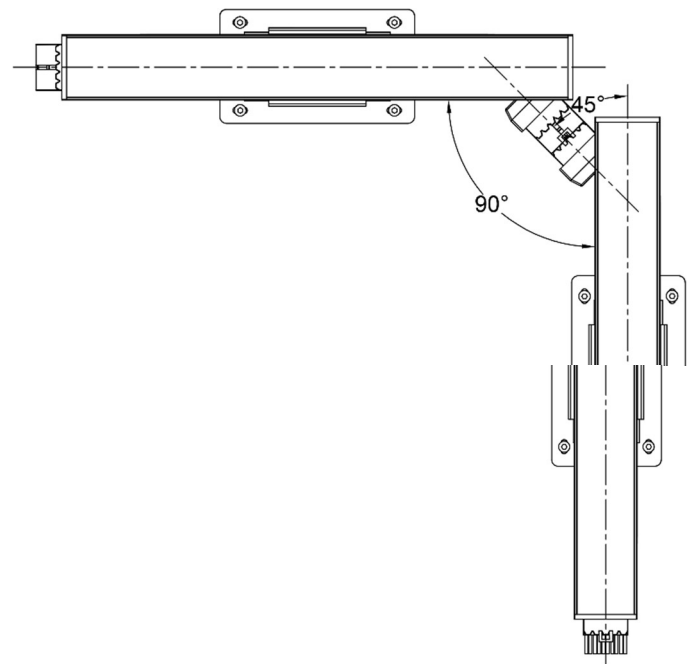


1 rotation = $\angle 10^\circ$

Maximum rotation angle = $\angle 160^\circ$

MAXIMUM BEND RADIUS

The maximum allowable bend radius is 45 degrees.



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WARNING (Static White):

- Ensure the **Luna Cove** 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/ Power extension Cable	L (live)	Brown	1.3mm ²
	N (Neutral)	Blue	1.3mm ²
	GND (Earth)	Yellow/Green	1.3mm ²
Data lead in	DIM+	Purple	0.5mm ²
	DIM-	Grey	0.5mm ²
	N/A	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
	DIM+	Purple	0.3mm ²
	DIM-	Grey	0.3mm ²
	N/A	Yellow	0.3mm ²

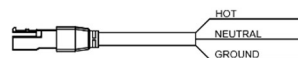
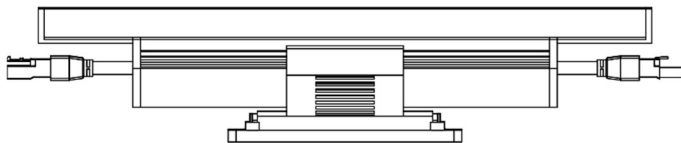
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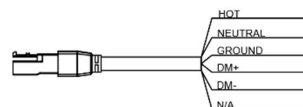
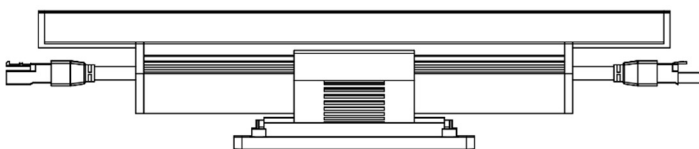
CABLE AND CONNECTIONS (Static White)

Typical Wiring Schematic:

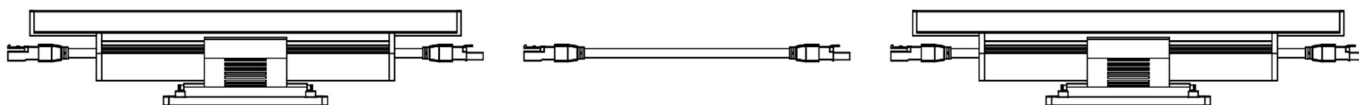
Leading wiring (ON/OFF, and TRIAC):



Leading wiring (0-10V, and DALI):



Interlink Cable:



End Cap:



INSTALLATION COMPLETION CHECKLIST

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.	
	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.	