

Nuit Spot Project Series



Nuit 100 -RGBW

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

Nuit Spot Project Series



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.

ELECTRICAL SPECIFICATIONS FOR NUIT SPOT PROJECT SERIES (Table 1)	
Series	Nuit 100 RGBW
Input Voltage Range	24V
Max Power	30W
Power Factor	> 0.9
Max. Power Linking	4 nos.
Max run length is for interlink and leading cables (Fixtures not included)	15 meters

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. We recommend using stainless steel screws to prevent corrosion.
- 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

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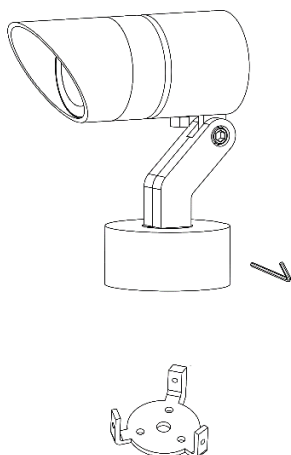
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HARDWARE INSTALLATION STEPS

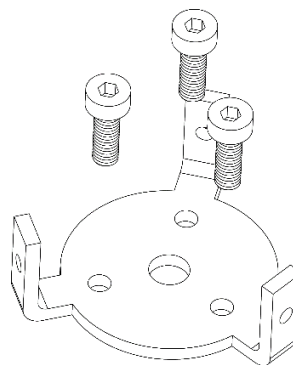
STEP 1) Removing the Bracket:

Loosen the fastening screws with an Allen key to detach the bracket.



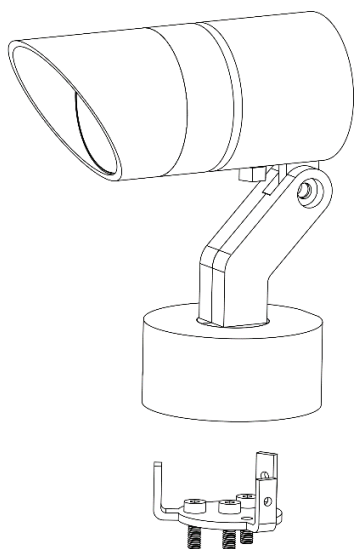
STEP 2) Positioning the Mounting Bracket:

Place the mounting bracket in the desired location and securely fasten it by tightening screws through its holes.



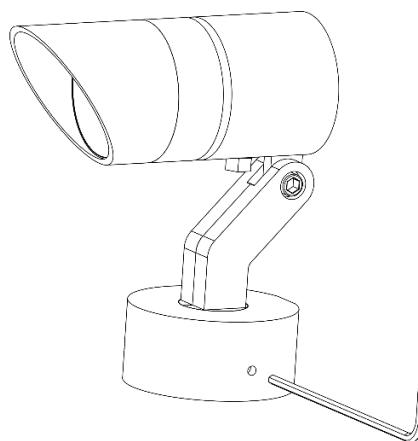
STEP 3) Placing the Fixture Downward:

Put the fixture downward onto the mounting bracket.



STEP 4) Securing the Mounting Bracket:

Ensure the mounting bracket is securely attached to the fixture by fastening it tightly with the provided screws.



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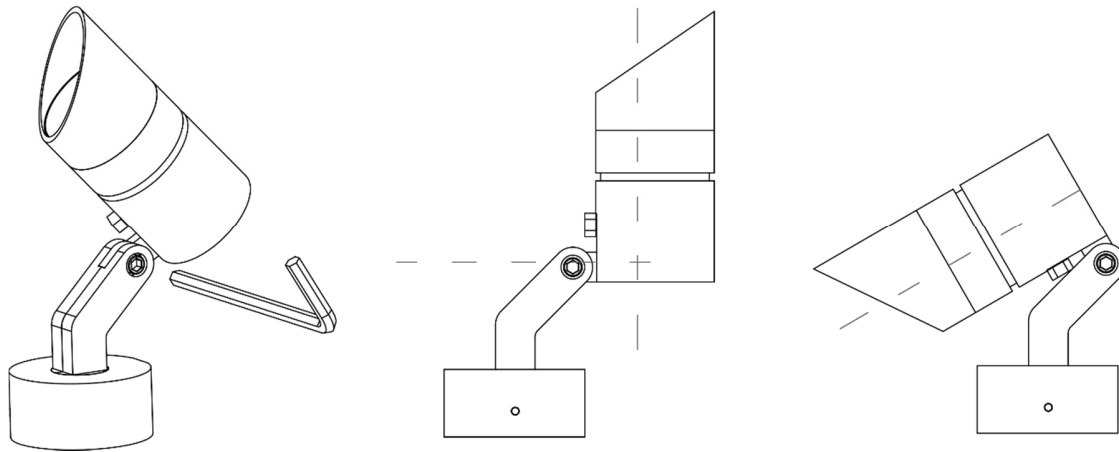
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ADJUSTING THE MOUNTING ARM ANGLE

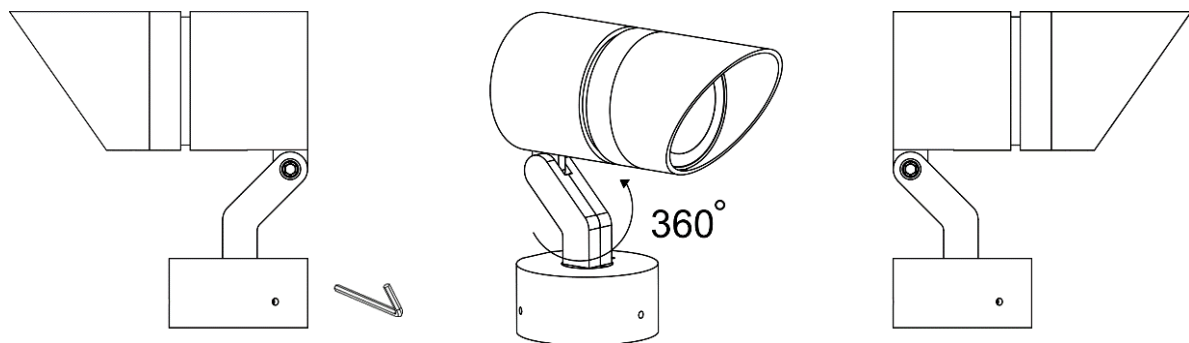
Vertical Adjustment of the Fixture:

Loosen the hex bolts on the sides with an Allen key to adjust the angle of the mounting arm. Set the fixture to the desired angle, then tighten the hex bolts securely to maintain stability.



Horizontal Adjustment of the Fixture:

Use an Allen key to loosen the hex bolts on the fixture body to make the necessary adjustments. Adjust the fixture body to the desired angle. After completing the adjustment, tighten the hex bolts securely to ensure stability.



INSTALLATION INSTRUCTIONS

Nuit Spot Project Series

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WARNING:

- Ensure the **Nuit** 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.

IMPORTANT:

- All **Nuit** models include a pre-installed power cable tail, suitable for direct connection to mains power.
- External connections must be enclosed in waterproof junction boxes or as required by local regulations, laws, or codes.
- Cable ends on **Nuit** fixtures should be kept free from water or moisture, as the cooling process can create a vacuum that may draw moisture along the cable into the fixture.

Wire Identification Schemes Table (DMX or RDM):

Cable	Function	Core(US)	Wire Size
Power and Data Power Combined	L (live)	Black	16AWG
	N (Neutral)	White	16AWG
	GND (Earth)	Green	16AWG
	DMX+	Purple	22AWG
	DMX -	Pink	22AWG
	DMX GND	Yellow	22AWG

INSTALLATION INSTRUCTIONS

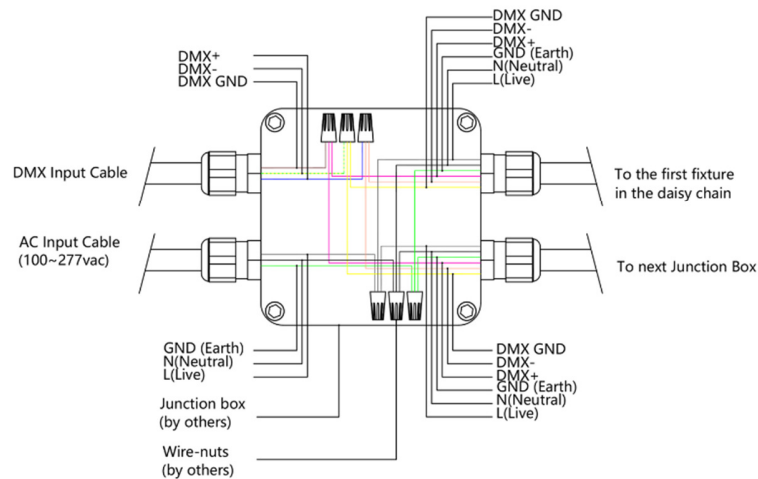
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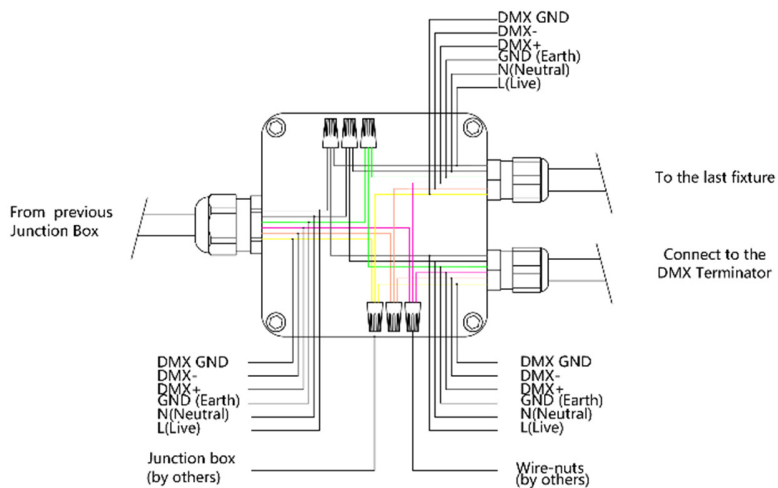
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POWER CABLES AND CONNECTIONS

DAISY CHAIN LAYOUT (FIRST OF RUN)



DAISY CHAIN LAYOUT (MIDDLE OR END OF RUN)



INSTALLATION INSTRUCTIONS

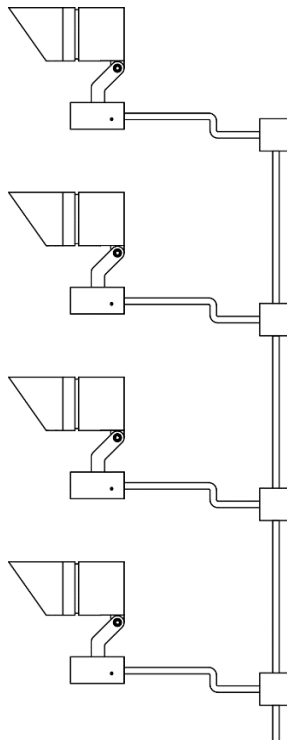
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Connection Schematic:

For daisy chain connections, please follow the illustrated diagram for proper connection. These fixtures are interconnected using a junction box.



DC24V and DMX signal combined

Final Checklist:

- Fixture is securely mounted
- Wiring connections are correct and sealed
- Angles and alignment are set as desired

Warranty:

For detailed warranty information, please consult the datasheet provided at the link below."
https://luminoscape.com/product_cat/spot-projector/

info@luminoscape.com

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