

# Spotlight Mini

## Product Manual

English

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## Introduction

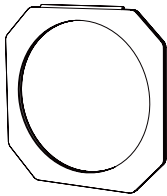
The Aputure Spotlight Mini is a precision projection attachment designed for Mini ProLock fixtures such as the STORM 80c. This compact modifier features interchangeable 19° or 36° lenses\* for shaping and focusing light with high accuracy.

Constructed with a durable metal body and lightweight fiberglass lens chassis, the Spotlight Mini includes four-leaf shutters for cutting and shaping the beam, a gel holder, a gobo holder, and 10 included M-size gobo patterns. The fixture also supports 360° barrel rotation, enabling flexible adjustment of both shutter position and gobo orientation.

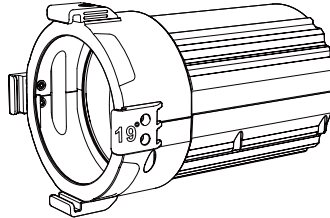
*\*Only one of the 19° or 36° lenses is included in your purchase.*

# Components List

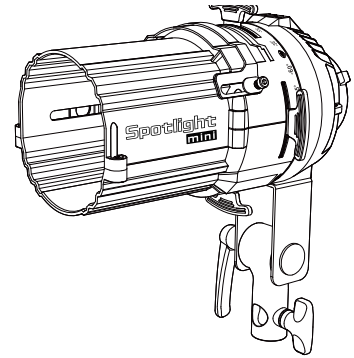
Please make sure all items listed below are found in the packaging before using.  
If not, please contact your seller immediately.



Gel Holder ×1



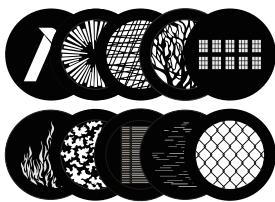
Spotlight Mini 19°/36° Lens ×1



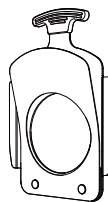
Spotlight Mini ×1



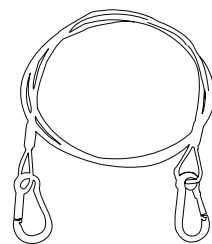
Carrying Case ×1



Gobo (M-Size) ×10



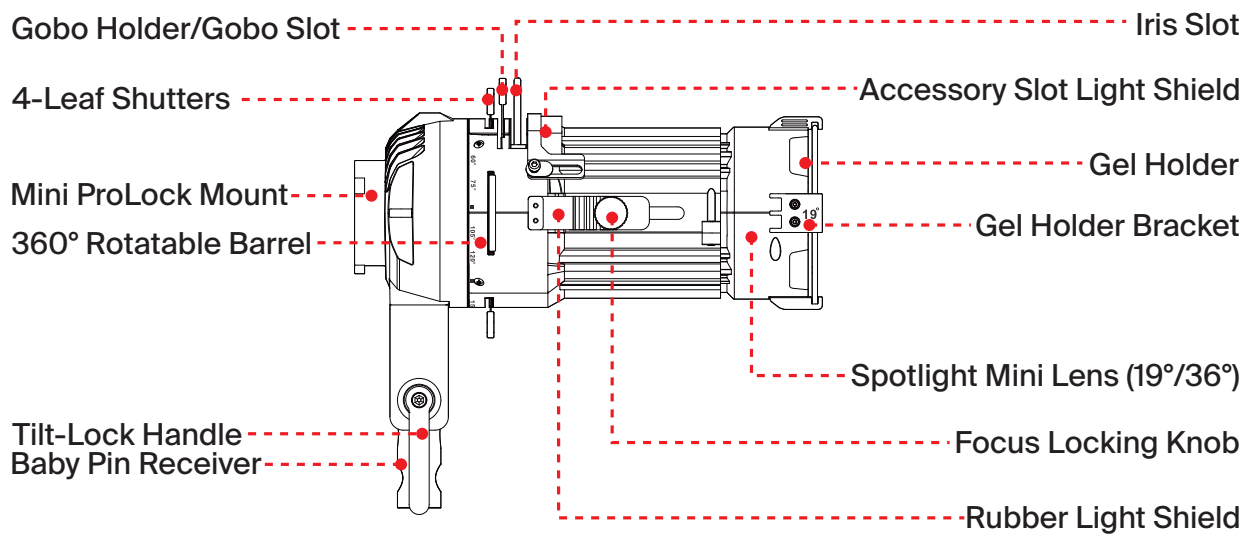
Gobo Holder (M-Size) ×1



Safety Chain ×1

*Note: The illustrations in the manual are only diagrams for reference. Due to the continuous development of new versions of the product, if there are any differences between the product and the user manual diagrams, please refer to the product itself.*

# Product Overview



# Installation Instructions

## 1. Installing the Spotlight Mini

### Installing on a Light Stand

- 1) Mount the Spotlight Mini onto a compatible light stand in **Figure 1**.
- 2) Rotate the tilt-lock handle in the direction shown in **Figure 2** to secure the yoke in place.
- 3) Insert the Spotlight Mini into the Mini ProLock mount on the STORM 80c and rotate the locking handle to secure it, as shown in **Figure 3**.
- 4) Connect the adapter and power cable to the fixture, and turn on the light to begin use.

*Note: Always ensure the lighting fixture is powered off before installing or removing the Spotlight Mini.*

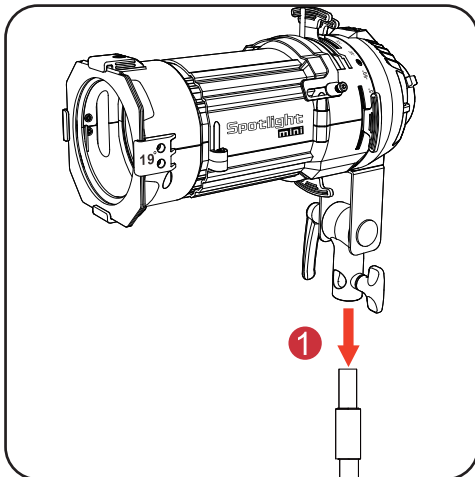


Figure 1

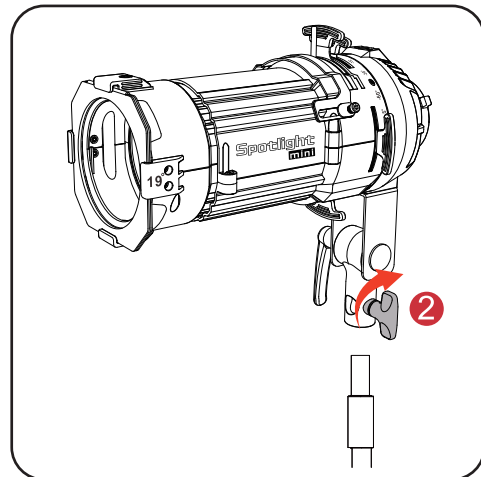


Figure 2

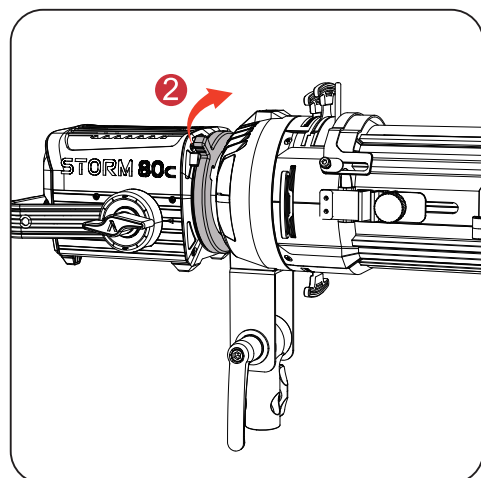
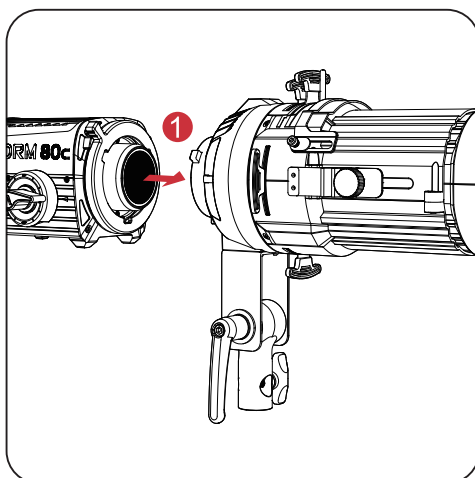
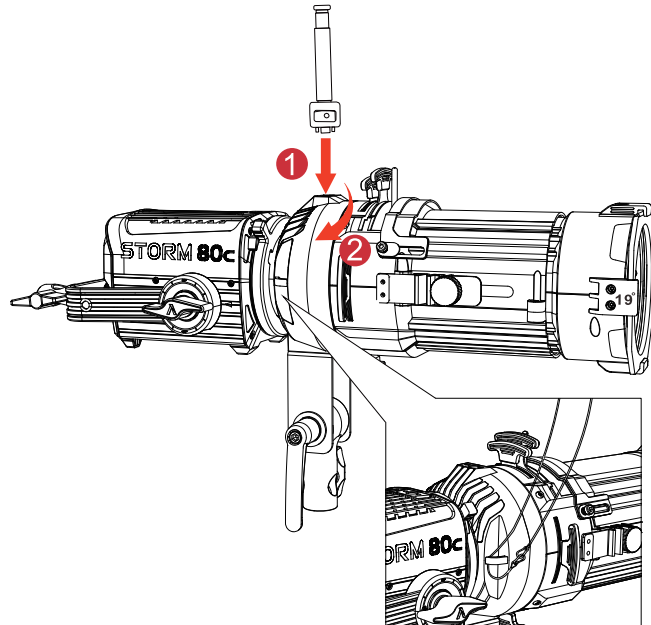


Figure 3

## Installing Using the 3/8"-16in Screw Mount

- 1) The Spotlight Mini features a 3/8"-16 mounting point with anti-twist sockets for secure rigging.
- 2) When rigging the Spotlight Mini using the 3/8"-16 mount, always attach a **safety cable** as an additional safety precaution.
- 3) For increased stability, the 3/8"-16 mounts on the STORM 80c can also serve as supplementary mounting points.



## 2. Installing, Removing, & Focusing the Spotlight Mini Lens

### Installing the Lens (See Figure 4):

- 1) If necessary, loosen and remove the focus locking knob from the body of the Spotlight Mini.
- 2) Align the lens with the slot, and insert it into the body of the Spotlight Mini.
- 3) Once fully inserted, reattach and tighten the focus locking knob to secure the lens.

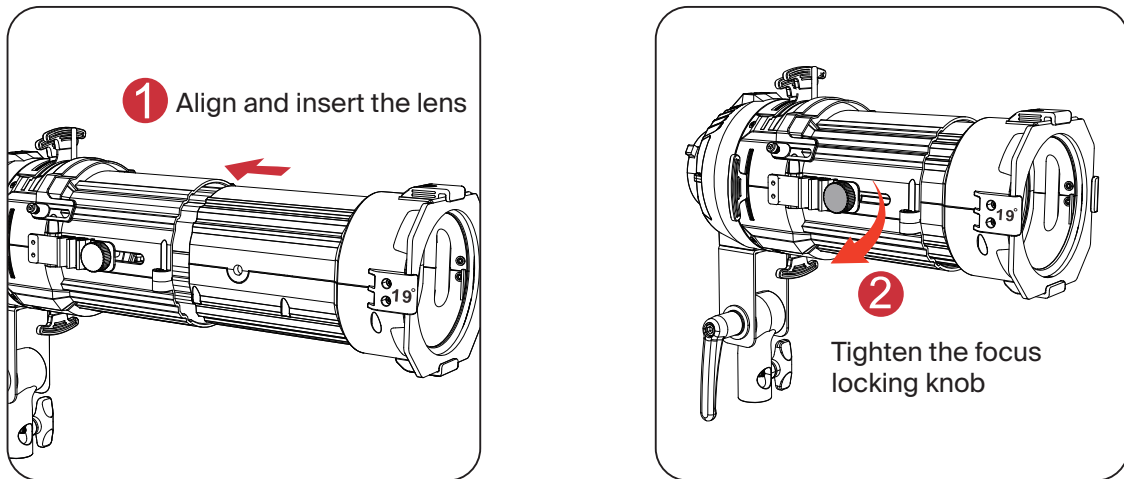


Figure 4

### Removing the Lens (See Figure 5):

- 1) Loosen and remove the focus locking knob.
- 2) Carefully remove the lens from the body of the Spotlight Mini.

### Focusing the Lens

Adjust the clarity of the projected image by sliding the lens forward or backward, then tighten the focus locking knob to secure the position.

*Tip: The minimum focusing distance for both the 19° and 36° lenses is 70 cm. For optimal image clarity, a focusing distance of 3m is recommended.*



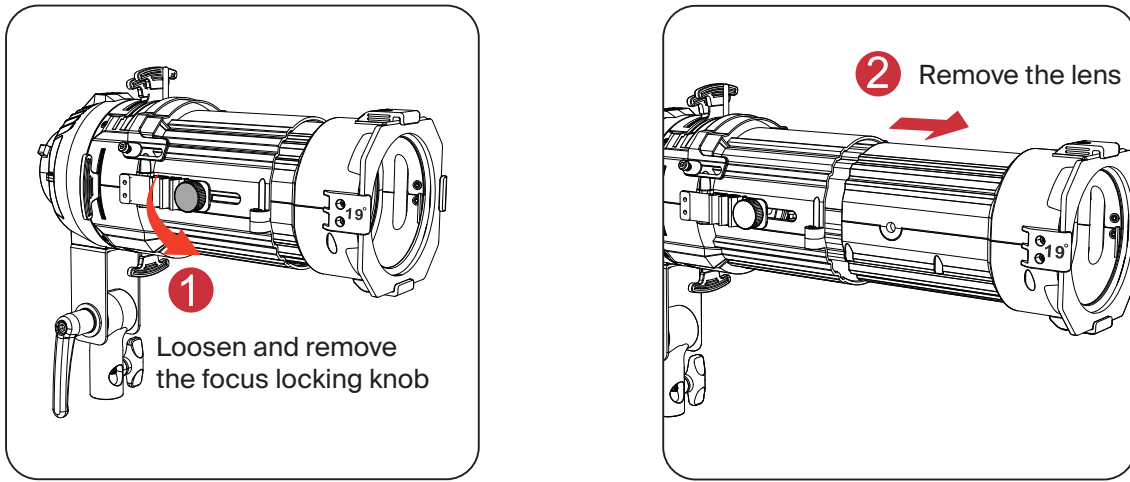


Figure 5

### 3. Installing the Gobo Holder (M-Size)

- 1) Insert an M-size Gobo (compatible with both metal and glass types) into the Gobo Holder, as shown in **Figure 6**.
- 2) Insert the Gobo Holder into the Gobo Slot on the Spotlight Mini, as shown in **Figure 7**.
- 3) Ensure the Gobo Holder is oriented correctly for smooth operation—its handle should face the Iris slot for proper alignment .

*Note: Some components may deform slightly or show signs of smoke or discoloration after prolonged exposure to high temperatures. This is expected behavior. However, melting plastic parts or excessive smoke is considered abnormal and may indicate a malfunction.*

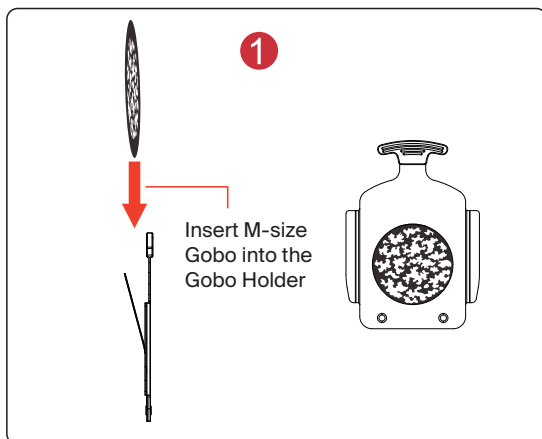


Figure 6

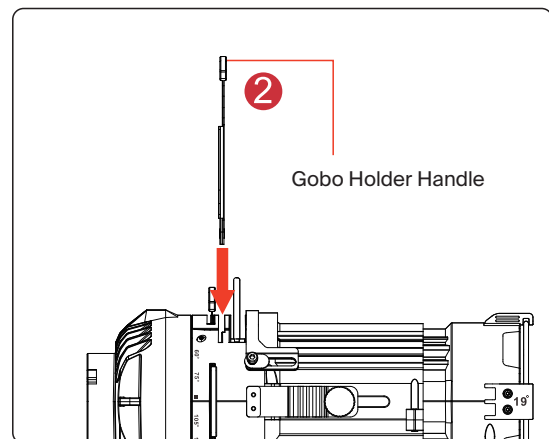


Figure 7

## 4. Installing the Iris (M-Size) (sold separately)

- 1) Insert the M-size Iris into the Iris slot on the Spotlight Mini in **Figure 8**.
- 2) Adjust the Iris handle to control the size of the aperture and achieve the desired beam shape.

*Note:*

- *The Iris is not included and must be purchased separately.*
- *To avoid injury, do not place your fingers inside the Iris while adjusting.*

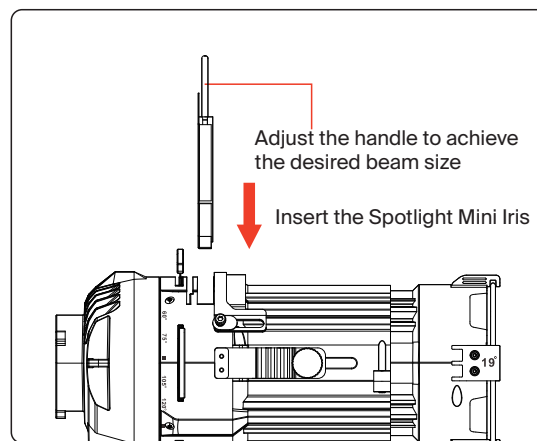


Figure 8

## 5. Installing the Gel Holder

- 1) As shown in **Figure 9**, lift and rotate the spring-loaded latch to open the gel holder slot.

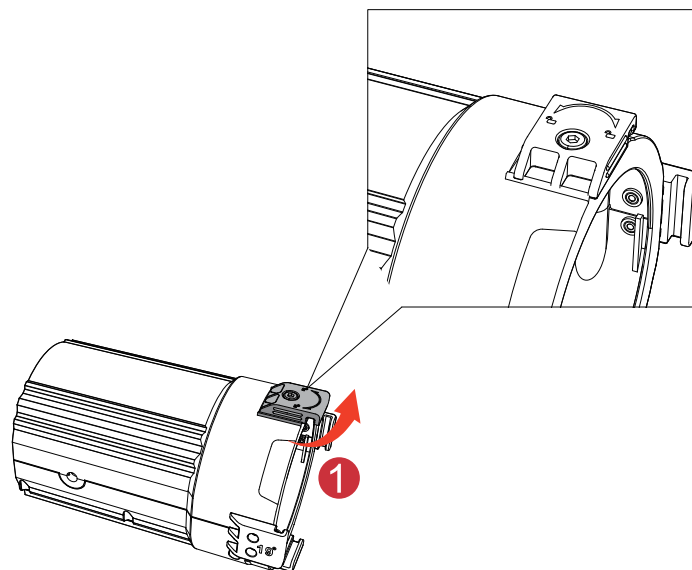


Figure 9

2) Insert the Gel Holder into the slot, as shown in **Figure 10**.

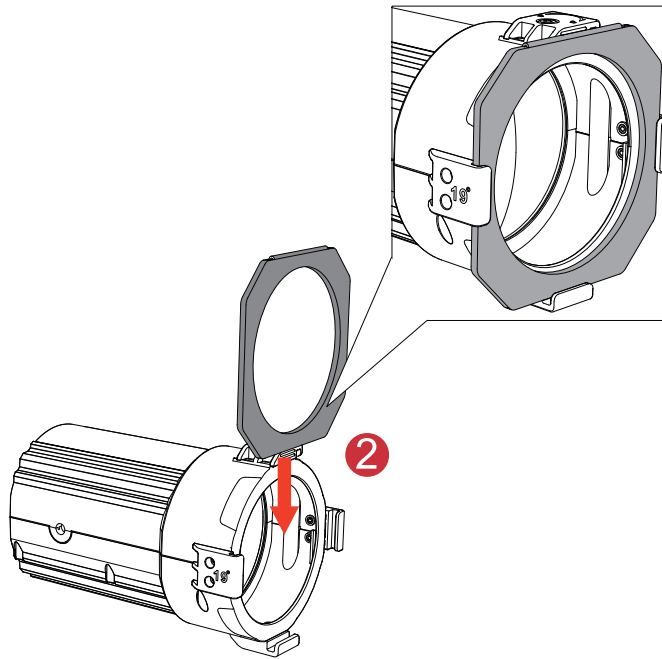
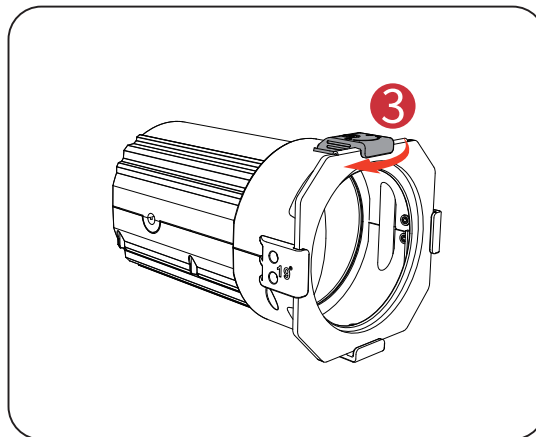


Figure 10

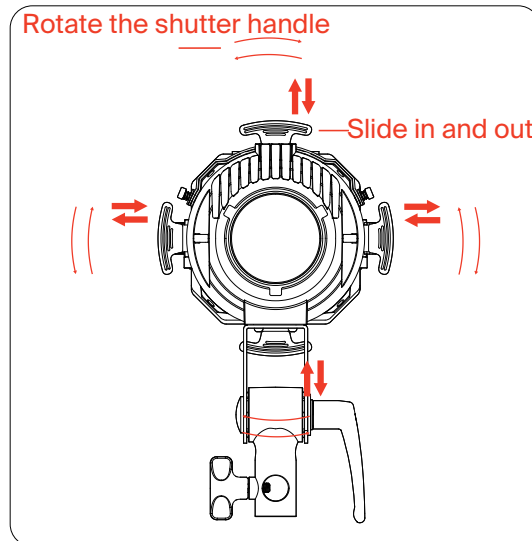
3) Rotate the spring-loaded latch back to its original position to secure the Gel Holder in place.



## 6. Operating the Four-Leaf Shutters

The Spotlight Mini is equipped with four internal shaping shutters that allow precise control over the beam shape.

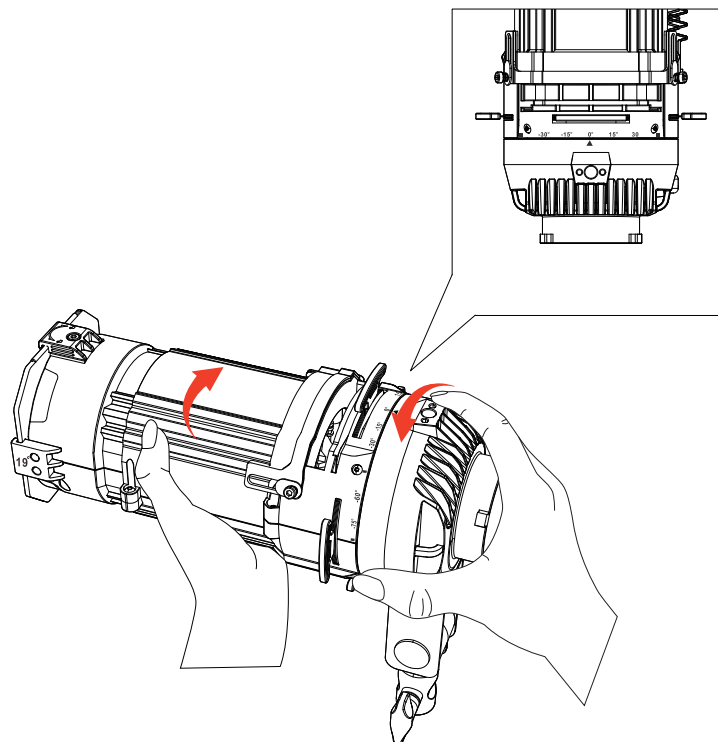
Each shutter can be independently adjusted by sliding it in and out to control the shape, or by rotating each shutter to change the angle of the cut.



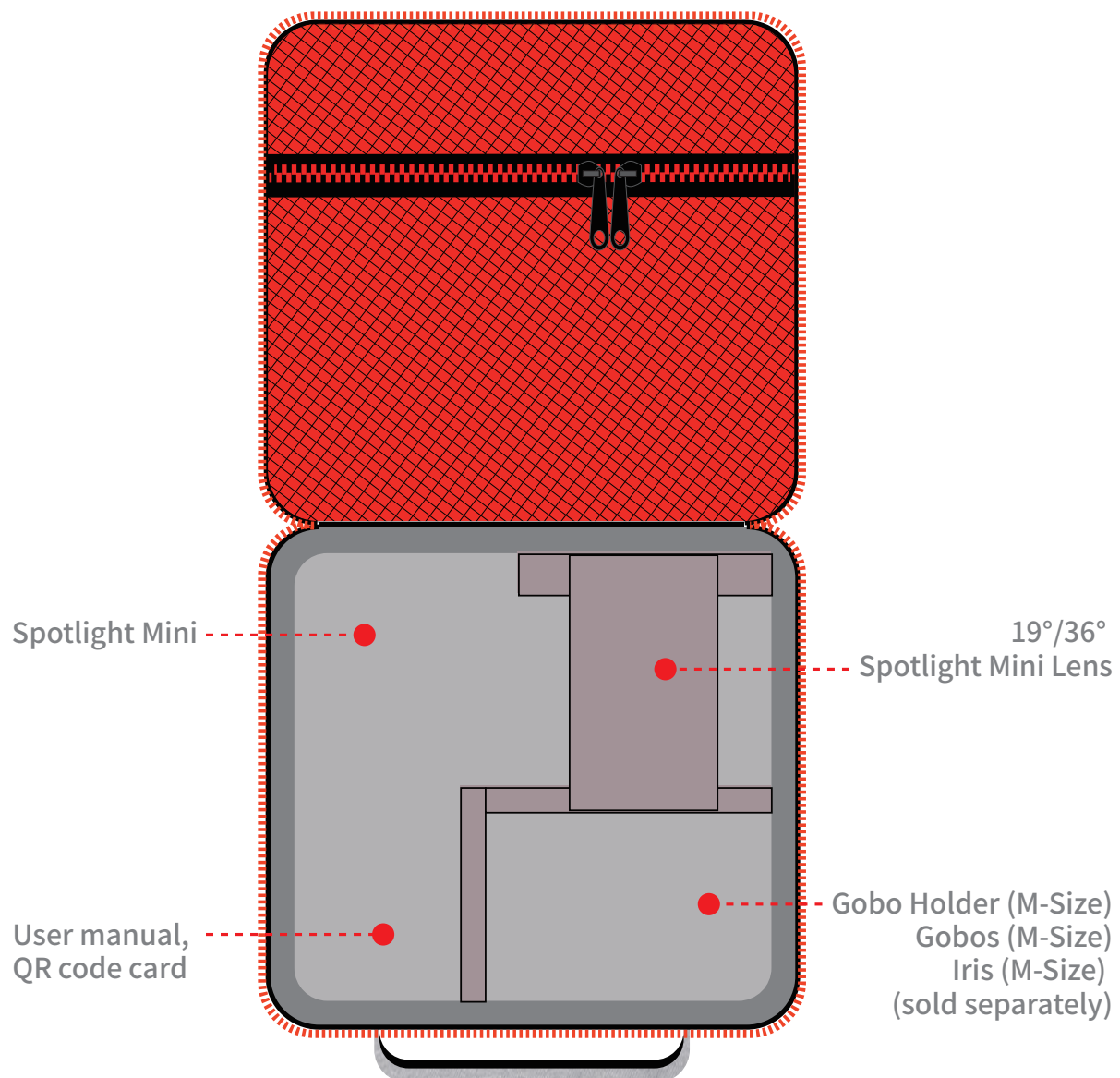
## 7. Operating the 360° Rotating Barrel

The Spotlight Mini features a 360° rotating barrel, allowing you to freely rotate the projection assembly to adjust the orientation of the gobo pattern or the angle of the four-leaf shutters.

- 1) Grab the body and rotate the barrel to the desired angle.
- 2) Use the degree markings to accurately reference and reproduce rotation positions for consistent framing.



## 8. Carrying Case Contents



# Photometrics

## a. Illuminance values at different distances and color temperatures with STORM 80c

STORM 80c+ Spotlight Mini	19°			36°		
	1m	2m	3m	1m	2m	3m
1800K	30100 Lux	5680 Lux	2331 Lux	8300 Lux	1653 Lux	689 Lux
	2798 fc	528 fc	217 fc	771 fc	154 fc	64 fc
3200K	41000 Lux	7750 Lux	3200 Lux	11340 Lux	2268 Lux	942 Lux
	3811 fc	720 fc	297 fc	1054 fc	211 fc	88 fc
4300K	42700 Lux	8060 Lux	3320 Lux	11820 Lux	2355 Lux	989 Lux
	3969 fc	749 fc	309 fc	1099 fc	219 fc	92 fc
5600K	42000 Lux	7940 Lux	3270 Lux	11600 Lux	2321 Lux	965 Lux
	3904 fc	738 fc	304 fc	1078 fc	216 fc	90 fc
6500K	41300 Lux	7800 Lux	3220 Lux	11360 Lux	2281 Lux	947 Lux
	3839 fc	725 fc	299 fc	1056 fc	212 fc	88 fc
8000K	39900 Lux	7550 Lux	3120 Lux	11000 Lux	2209 Lux	917 Lux
	3709 fc	702 fc	290 fc	1022 fc	205 fc	85 fc
10000K	37800 Lux	7190 Lux	2970 Lux	10530 Lux	2104 Lux	872 Lux
	3513 fc	668 fc	276 fc	979 fc	196 fc	81 fc
15000K	35500 Lux	6750 Lux	2799 Lux	9870 Lux	1982 Lux	822 Lux
	3300 fc	627 fc	260 fc	917 fc	184 fc	76 fc
20000K	34800 Lux	6600 Lux	2735 Lux	9700 Lux	1937 Lux	804 Lux
	3234 fc	613 fc	254 fc	902 fc	180 fc	75 fc

*Note: The above data is the average data measured in the laboratory, the brightness, color temperature and other parameters of different lights will have slight differences.*

## Safety Instructions

When using this modifier, the following basic safety precautions should always be followed:

1. Read and understand all instructions before use.
2. Close supervision is necessary when any fixture is used by or near children. Do not leave the fixture unattended while in use.
3. Use caution, as burns can occur from touching hot surfaces.
4. Allow the fixture to cool completely before storing.
5. To reduce the risk of injury, always install or disassemble the fixture properly.
6. Do not use accessory attachments not recommended by the manufacturer, as they may increase the risk of fire, electric shock, or injury.
7. Do not place the fixture near flammable objects.
8. Only use a dry microfiber cloth to clean the product.
9. This product is RoHS certified. Please operate it in full compliance with applicable standards. Note: This warranty does not cover damage caused by misuse or malfunction; however, repairs may be available on a chargeable basis.
10. The information in this manual is based on thorough, controlled testing procedures. Specifications are subject to change without prior notice.



## SAVE THESE INSTRUCTIONS



## **Disclaimer**

Before using this product, please read the product manual to ensure correct use and complete understanding. After reading, please keep the product manual properly for future reference. Improper operation of this product may result in severe personal injury to yourself or others, as well as potential damage to the product and loss of property. When using this product, it shall be deemed that you have understood, recognized, and accepted all clauses and contents of this document. Users assume responsibility for their own conduct and any resulting consequences. Aputure is not liable for any damages suffered as a result of the user's failure to use the product in accordance with the Product Manual. Please visit the official Aputure website for the latest product information.