



# Motorized CF16 Fresnel

## Feature Sheet

### Main Features

- 16-inch compact motorized Aputure Mount fresnel designed for the STORM XT52
- 18° to 50° spot-flood range
- Motorized dual-expanding focusing system drastically reduces fresnel size and weight while allowing precise remote focusing
- 7x intensification of XT52 output
- IP65 weather resistant rating
- Included CF16 Barn Doors
- Included protective Rolling Case OR Flight Case for storing & transporting CF16 and CF16 Barn Doors
- Smooth falloff from center to edge of output

### Product Description

The Motorized CF16 Fresnel is a compact motorized Aputure Mount fresnel with a 16-inch diameter lens and a spot-flood range of 18°-50°. It is designed for use with the STORM XT52. The Motorized CF16 Fresnel efficiently intensifies the native light output of the STORM XT52 by up to seven times. It provides a smooth falloff from center to edge, all with a compact and lightweight form factor utilizing an internal focusing system. This unique system allows the Motorized CF16 Fresnel to increase the distance between its rear and front elements internally, maintaining a consistent and compact overall size. With its built in motorized focusing system, the Motorized CF16 Fresnel can be precisely controlled at the fixture's lamp head or remotely via Sidus Link, Sidus Link Pro, or a lighting control console via DMX. The Motorized CF16 Fresnel can be paired with the included CF16 Barn Doors to give users more shaping control over the output of their STORM XT52. The 8-leaf barn doors also include a holder for a scrim. For additional convenience, the Motorized CF16 Fresnel and its CF16 Barn Doors fit into the CF16 Rolling Case or Flight Case for storage and transportation. A separately available CF16 Fresnel Manual Focus Cover is available for users who wish to operate the Motorized CF16 Fresnel manually. This cover plate must be installed to operate the CF16 safely as it drives the fresnel's onboard fans and maintains the unit's IP65 rating.



### Specifications

Beam Angle	Full Spot	18°
	Full Flood	50°
IP Rating		IP65
Focus Motor Throw Duration		12 seconds
Noise Levels (1m distance)	Idle Fan Noise	33 dBA
	Focusing (motor + fan)	58 dBA
Dimensions	CF16 Fresnel	56.4 x 51.9 x 23.4cm 22.2 x 20.4 x 9.2in
	Rolling Case	83.0 x 74.0 x 48.0cm 32.7 x 29.1 x 18.9in
	Flight Case	74.0 x 37.5 x 83.5cm 29.1 x 14.8 x 32.9in
Weight	CF16 Fresnel	11.80kg / 26.01lbs
	Rolling Case	17.20kg / 37.92lbs
	Flight Case	29.00kg / 63.93lbs

### What's in the Box

Name	Qty
Motorized CF16 Fresnel	1
CF16 Fresnel Barn Doors	1
Safety Cable	1
Rolling Case OR Flight Case	1

### Sales & Shipping Information

Product Name	Motorized CF16 Fresnel Flight Case Kit	Motorized CF16 Fresnel Rolling Soft Case Kit
SKU	AA0706028U	AA07060370
UPC	6977162457192	6977162455549
Packing Dimensions	37.5 x 40.0 x 83.5cm 14.8 x 15.8 x 32.9in	83.0 x 74.0 x 48.0cm 32.7 x 29.1 x 18.9in
Net Weight	16.53kg / 35.94lbs	16.53kg / 35.94lbs
Gross Weight	58.5 kg / 128.98 lbs	40 kg / 88.18 lbs
Carton Quantity	1 pc	1 pc
Carton Dimensions	87.0 x 75.5 x 54.5cm 34.3 x 29.7 x 21.5in	85.0 x 76.5 x 50.5cm 33.5 x 30.1 x 19.9in
Carton Weight	47.70kg/ 105.16lbs	38.00kg / 83.78lbs

### Photometrics

CCT	Dis.	XT52 @ 18°	XT52 @ 50°
2,500K	3m	127,100 lux 11,804 fc	23,280 lux 2,162 fc
	5m	45,800 lux 4,254 fc	8,380 lux 778 fc
3,200K	3m	151,000 lux 14,025 fc	26,760 lux 2,485 fc
	5m	56,000 lux 5,202 fc	26,760 lux 2,485 fc
4,300K	3m	184,500 lux 17,135 fc	33,900 lux 3,148 fc
	5m	66,300 lux 6,157 fc	12,230 lux 1,136 fc
5,600K	3m	177,500 lux 16,484 fc	31,700 lux 2,944 fc
	5m	65,900 lux 6,120 fc	12,170 lux 1,130 fc
6,500K	3m	175,500 lux 16,298 fc	32,400 lux 3,009 fc
	5m	63,000 lux 5,850 fc	11,680 lux 1,085 fc
10,000K	3m	130,300 lux 12,100 fc	24,150 lux 2,243 fc
	5m	46,700 lux 4,337 fc	8,690 lux 807 fc



# CF16 Barn Doors Adapter

## Product Description

The Aputure CF16 Barn Doors Adapter is an aluminum alloy accessory adapter that allows users to directly adapt the CF16 Barn Doors to the STORM XT52, Electro Storm XT26, or Electro Storm CS15 via the Aputure Mount without the need to attach the Barn Doors to a CF16 Fresnel.

## Specifications

Adapter Dimensions	Ø52.1 x 13.6cm / Ø20.5 x 5.4in
Adapter Weight	1.43kg / 3.15lbs

## What's in the Box

Name	Qty
CF16 Barn Doors Adapter	1

# CF16 Fresnel Manual Focus Cover

## Product Description

The Aputure CF16 Fresnel Manual Focus Cover is a plate designed to cover the motor cutout on the CF16's body should users choose to disengage and remove the motor plate to convert the CF16 to manual focus mode. This cover plate must be installed to operate the fresnel safely as it continues to drive the CF16's onboard fans, critical for cooling the unit. This cover also maintains the CF16's IP65 rating, protecting the Fresnel from the dust and water.

## Specifications

Dimensions	22.3 x 8.6 x 3.2cm / 8.8 x 3.4 x 1.2in
Weight	0.25kg / 1.10lbs

## What's in the Box

Name	Qty
CF16 Fresnel Manual Focus Cover	1



## Sales & Shipping Information

Product Name	CF16 Barn Doors Adapter
SKU	AA0706028Y
UPC	6977162457239
Packing Dimensions	57.5 x 57.5 x 16.7cm / 22.6 x 22.6 x 6.6in
Net Weight	1.50kg / 3.31lbs
Gross Weight	3.40kg / 7.50lbs
Carton Quantity	2 pcs
Carton Dimensions	59.0 x 59.0 x 35.0cm / 23.2 x 23.2 x 13.8in
Carton Weight	7.70kg / 16.98lbs



## Sales & Shipping Information

Product Name	CF16 Fresnel Manual Focus Cover
SKU	AA0706041V
UPC	6977162459196
Packing Dimensions	24.9 x 10.9 x 6.3cm / 9.8 x 4.3 x 2.5in
Net Weight	0.25kg / 1.10lbs
Gross Weight	0.38kg / 0.66lbs
Carton Quantity	24 pcs
Carton Dimensions	51.0 x 31.0 x 35.0cm / 20.1 x 12.2 x 12.8in
Carton Weight	10.00kg / 22.05lbs