

# AFS-500 LED Followspot



# PEAK

BY ALTMAN

The AFS-500 LED follow spot is a lightweight, 490 Watt LED manual follow spot that's packed with a powerful feature set at an affordable price. This manually operated, compact luminaire weighs under 26 pounds (11.5 kg.) and is a purpose built multi-performance LED follow spot. The AFS-500 LED follow spot follows the traditions of Altman Lighting while introducing several new key features to this performance luminaire.

The AFS-500 LED follow spot's compact, extruded aluminum design allows for discrete luminaire placement while offering powerful light output at distances over 150 feet (45 meters). Offering a locally controlled precision zoom and lens focus system that delivers a 7° to 13° beam spread. Each AFS-500 LED follow spot includes a on-board controller, allowing for simple button press color control and fade pot control of intensity, strobe, color correction (CTO), and iris. Each of these features can be controlled from either the AFS-500 controller or via DMX.



Bringing Imagination to Light™

## Product Features:

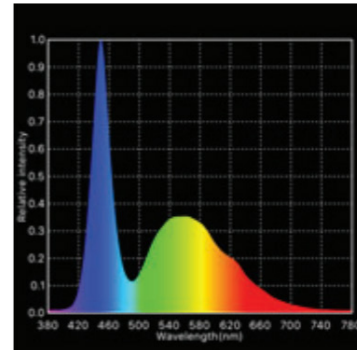
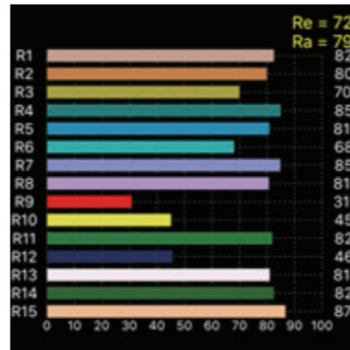
- 11808K native white LED engine
- Over 10,800 lumens
- 7° to 13° manual precision zoom system
- DMX or locally controlled:
  - Intensity (dimming)
  - Touch button color selection
  - Half tone (split) color selection
  - CTO Wheel offering 7500K, 6000K, and 4200K
  - Iris
  - Strobe
  - LED on / off
- 18-facet motorized iris input and through configuration
- 100 to 240 VAC 50/60Hz operation with PowerCON input only
- Color Wheel with 5 colors + Split ; Red (Flame Red), Green (Moss Green), Amber (Soft Golden Amber), Blue (Booster Blue), and Light Amber
- DMX 5-pin input and output/through
- Compatible with DMX 512 protocols (note, the AFS-500 is not an RDM-enabled luminaire)
- Local luminaire operation (no DMX needed)
- On-board, simple-to-use user control interface
- Includes folding light stand - Black
- Luminaire comes in black finish
- Compact, lightweight design Fixture: 25.5 lbs (11.5 kg) / Stand: 12 lbs (5.5 kg)
- Five (5) year and one (1) day warranty
- No cost technical support for the life of your product

# AFS-500

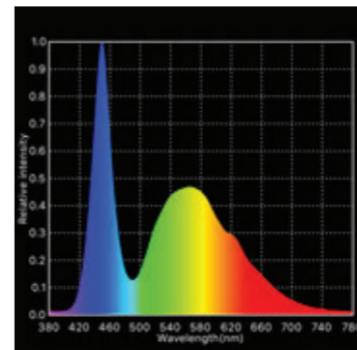
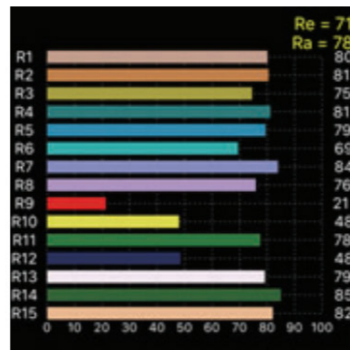
## Photometrics



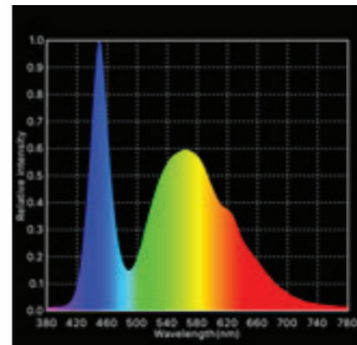
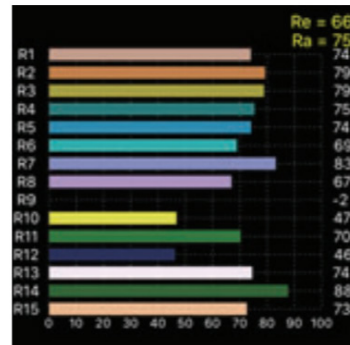
AFS-500 LED FOLLOW SPOT PHOTOMETRIC SCORE CARD - NATIVE OUTPUT	
CCT	11808K
DUV	-0.0118
CRI (Ra)	79
CQS	69
TLCI (Qa)	46.5
TM-30-15 rf	69
TM-30-15 rg	96



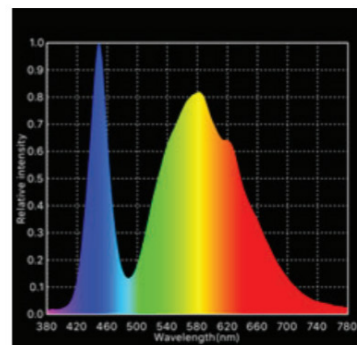
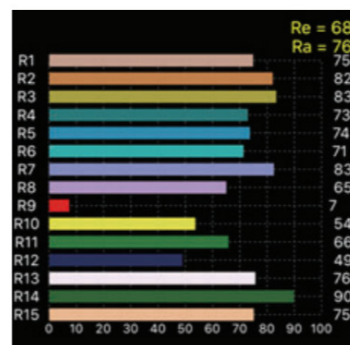
AFS-500 LED FOLLOW SPOT PHOTOMETRIC SCORE CARD - CTO WHEEL POSITION 1	
CCT	7415K
DUV	-0.0104
CRI (Ra)	78
CQS	69
TLCI (Qa)	48.6
TM-30-15 rf	70
TM-30-15 rg	96



AFS-500 LED FOLLOW SPOT PHOTOMETRIC SCORE CARD - CTO WHEEL POSITION 2	
CCT	6040K
DUV	-0.0038
CRI (Ra)	75
CQS	69
TLCI (Qa)	48.6
TM-30-15 rf	70
TM-30-15 rg	95



AFS-500 LED FOLLOW SPOT PHOTOMETRIC SCORE CARD - CTO WHEEL POSITION 3	
CCT	4234K
DUV	-0.0115
CRI (Ra)	76
CQS	69
TLCI (Qa)	45.4
TM-30-15 rf	69
TM-30-15 rg	97



# AFS-500



## Photometrics

***AFS-500 LED Follow Spot at 7° (sharp focus)***  
***Delivered beam lumens: 10,820***

Throw Distance	40' (12.19m)	50' (15.24m)	75' (22.86m)	100' (30.48m)	125' (38.1m)	150' (45.72m)	175' (53.34m)
Field Diameter (feet)	4.19	6.6	9.83	13.11	16.39	19.66	22.94
Field Diameter (meters)	1.28	2.01	3.00	4.00	5.00	5.99	6.99
Illuminance (FC)	596.0	381.0	169.3	95.3	61.0	42.3	31.1
Illuminance (LUX)	6415.3	4101.0	1822.7	1025.3	656.2	455.7	334.8

***AFS-500 LED Follow Spot at 13° (sharp focus)***  
***Delivered beam lumens: 9,001***

Throw Distance	40' (12.19m)	50' (15.24m)	75' (22.86m)	100' (30.48m)	125' (38.1m)	150' (45.72m)	175' (53.34m)
Field Diameter (feet)	9.11	10.6	15.77	21.02	26.28	31.53	36.79
Field Diameter (meters)	2.78	3.23	4.81	6.41	8.01	9.61	11.21
Illuminance (FC)	207.8	133.0	59.1	33.3	21.3	14.8	10.9
Illuminance (LUX)	2236.9	1431.6	636.3	357.9	229.1	159.1	116.9

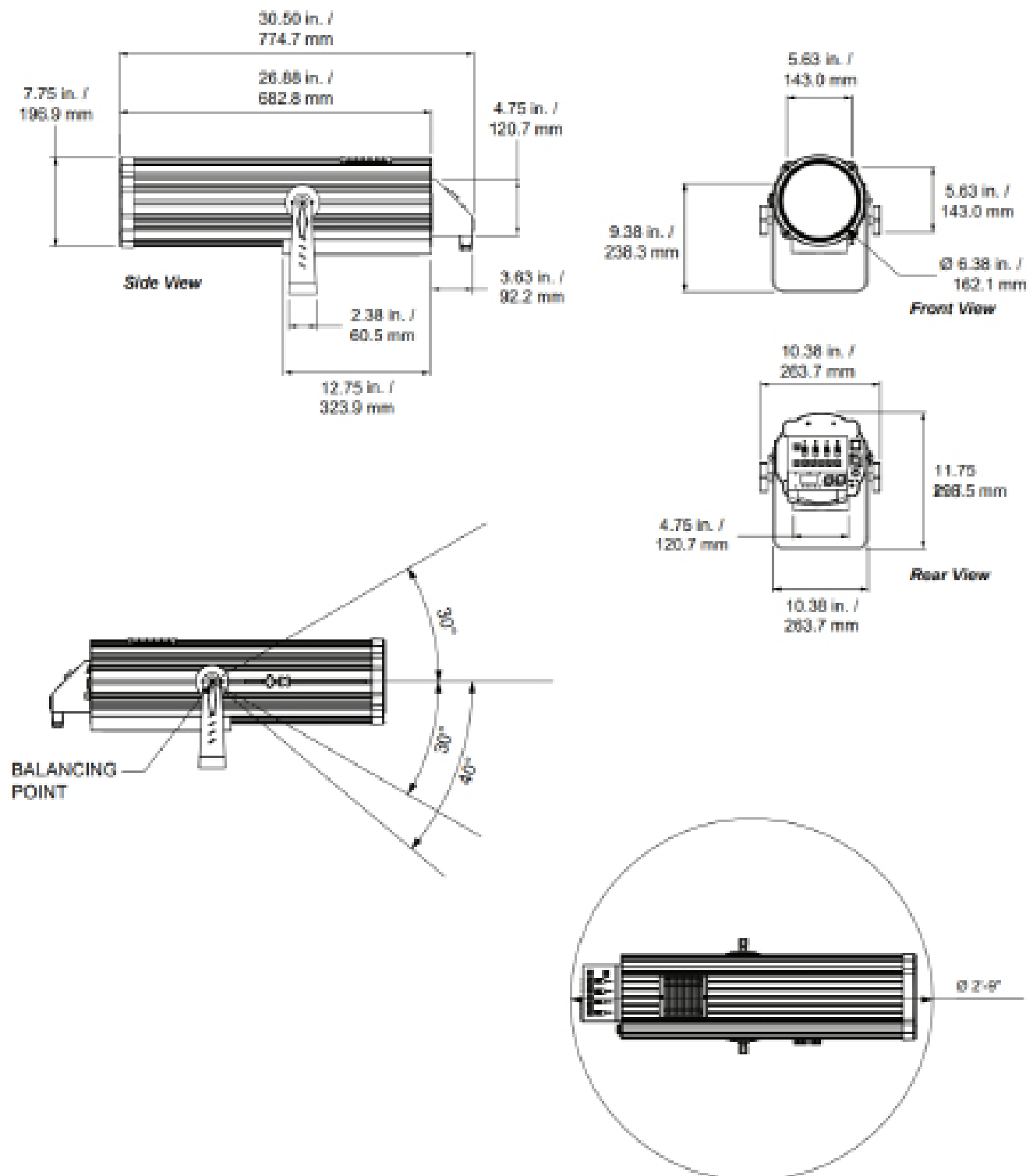
Note: Photometrics data on this page taken with 11808K native white LED output (no CTO or color).

# AFS-500



## Followspot Body Dimensions

IMPORTANT: Shipping Dimensions will be larger

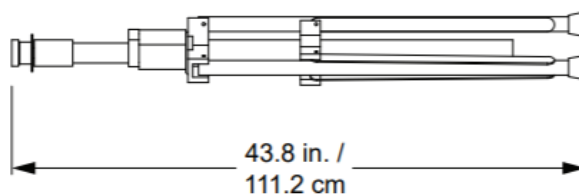
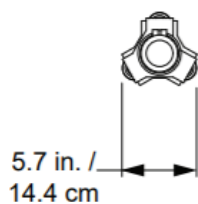
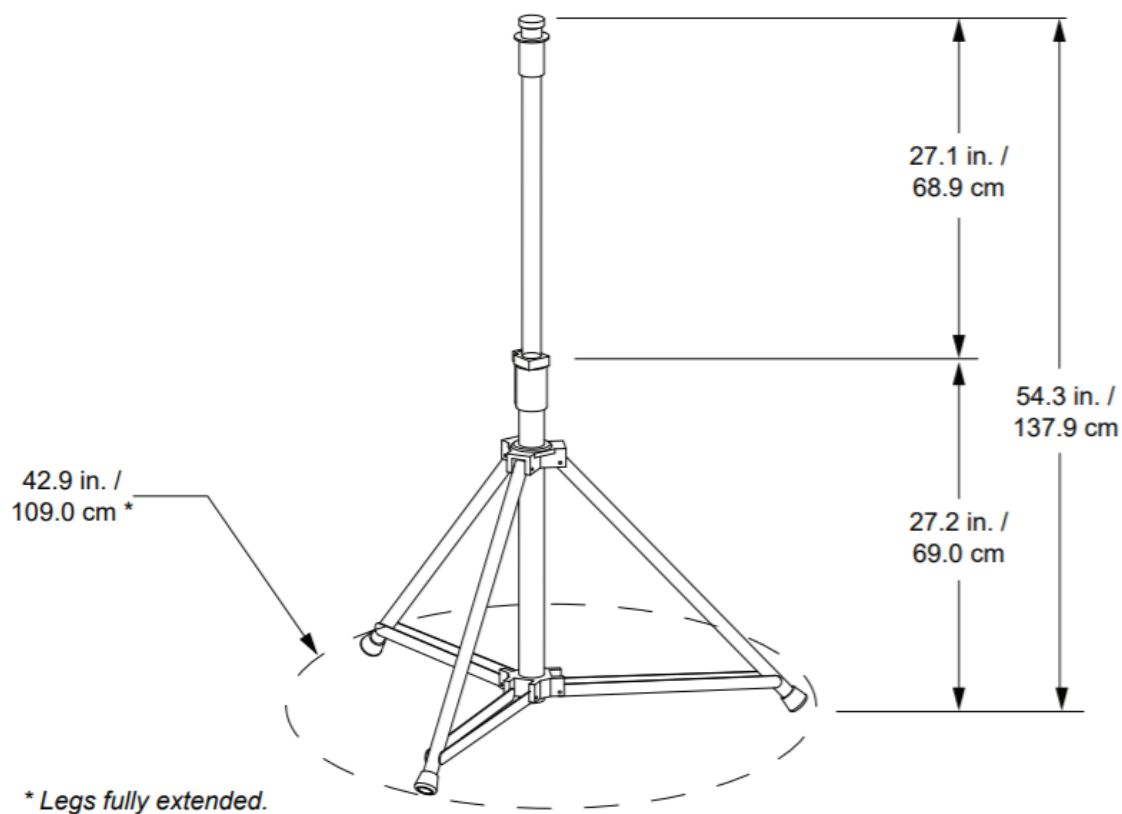


# AFS-500



## Light Stand Dimensions

IMPORTANT: Shipping Dimensions will be larger



# AFS-500



## Specifications

<b>Housing:</b>	Extruded and die-cast aluminum construction.
<b>Materials:</b>	Corrosion-resistant materials and hardware
<b>Control:</b>	DMX-512A network or local control via AFS-500 Control Panel (not RDM enabled)
<b>Light Engine:</b>	490 Watt Cool White Array (11808K)
<b>Beam Lumens:</b>	Refer to photometric performance pages
<b>Beam Angle</b>	7 - 14 degrees
<b>Rated LED Life:</b>	LED arrays are rated for > 50,000 hours of operation to 70% intensity
<b>Input Voltage:</b>	100 to 240 VAC, 50/60 Hz
<b>Current Draw:</b>	4.08 A at 120VAC / 2.13A at 230VAC
<b>Quiescent Load:</b>	Fans on, Lamp off - 0.39A at 120VAC (46.8 Watts)
<b>Cooling:</b>	Active fan colling
<b>Environment:</b>	0 to 45 degrees C (32 to 113 degrees F) with humidity of 5%-95% (non-condensing)
<b>Weight:</b>	Fixture only: 25.5 lbs (11.5 kg) Light Stand only: 12 lbs (5.5 kg)
<b>Color:</b>	Black
<b>Compliance:</b>	cETLus listed and CE marked for indoor use
<b>Connectors:</b>	Two 5-pin DMX connectors (one input, one output / through)

## Ordering Information

### AFS-500-B

Fixture with AFS-500 control panel and tripod stand (AFS-TP). AC power input cable sold separately

### AFS-500-B -PCED

Fixture with Control Panel, PowerCON (blue) to Edison Male, 25-foot (7.62 m) 20A power input cable

### AFS-500-B -PCBE

Fixture with Control Panel, PowerCON (blue) to bare end, 25-foot (7.62 m) 20A power input cable

## Available Accessories

### AFS-ACCF

Altman Follow Spot Accessory Face Frame, 7.5 in. x 7.5 in. color filter front end accessory slot (fits AFS-700 or AFS-500 follow spots)

### AFS-ECB

Altman Follow Spot Accessory, external color boomerang (up to 6 colors - requires AFS-ACCF)

### AFS-TP

AFS Light Stand

**Call the Altman Factory for additional cable options.**



303-500-7072 [www.altmanlighting.com](http://www.altmanlighting.com) [sales@altmanlighting.com](mailto:sales@altmanlighting.com)