



Spotlight Max Data Sheet

Main Features

- **Projector Lens Modifier** for High-Powered Bowens Mount LED Fixtures
- **19° / 36° / 50°** Lenses Available
- Compatible with **ETC Projection Lenses** Via Separately Available **ETC Lens Adapter**
- **Custom Precision Optics** With Minimal Chromatic Aberration and Color Shift
- **Efficient Light-Blending Optical Design** for Compatibility with Full-Color Fixtures
- **Telecentric Element Groups** for **Even Edge-to-Edge Light Distribution** and **Minimal Distortion** of Illumination Circle
- **Spotlight Max Iris** Separately Available for Fine Tune Control of **Illumination Circle Size**
- **Advanced Internal Matting** Minimizes Light Leaks Within the Projector Barrel
- **Detachable Yoke** for Ultimate Rigging Flexibility
- **Included Rotatable Gobo Clip** Compatible with A and B-Size Gobos along with Rosco Metal and Glass Gobos
- Rotatable Gobo Clip Allows for **Easy Adjustment of Light Texture**
- **Built-In 4-Leaf Cutter** for Precise and Subtle Light Shaping
- Durable **All-Metal** Build
- Included Flight Case for **Maximum Protection**

Target Audience

The Aputure Spotlight Max is a powerful projection lens ideal for professional filmmakers and lighting technicians looking to achieve a tight and intense beam of light with a long throw using high-output Bowens mount fixtures.

Users who require highly color-accurate light projections and evenly-lit illumination circles will appreciate the custom precision optics in the Spotlight Max that maintains the color accuracy of its light source as well as minimizes chromatic aberration.

Filmmakers that need to texture and shape their lights will find the Spotlight Max's built-in cutters, the included Rotatable Gobo Clip and A-Size Gobos to be convenient and time-saving accessories.

In addition, users who value flexibility and compatibility will find the detachable yoke design and the Bowens mount to be ideal for expanding rigging and modifier options.

The Spotlight Max offers stellar optical projection performance and compatibility with high-powered fixtures, making it a crucial addition to any professional filmmaker's and lighting technician's tool kits.



Product Description

The Spotlight Max is a Bowens mount projection spotlight designed to be used with high-output LED point source lamps between 600W and 2600W of output such as the LS 600d Pro and the ElectroStorm XT26.

With custom precision optics, the Spotlight Max concentrates and efficiently blends light into a single, clean beam while maintaining its light source's color accuracy and mitigating chromatic aberration. The use of telecentric optical elements in the Spotlight Max ensures that the difference of the output field angle and beam angle are minimized, resulting in an illumination circle with even edge-to-edge light distribution, without any hotspots.

Spotlight Max is available with 19°, 36°, and 50° lenses, allowing it to cover a wide range of light projection needs on set.

Included in the Spotlight Max Kit is a Rotatable Gobo Clip that accepts A-Size Gobos (3 included), B-Size Gobos, and Rosco metal and glass gobos.

The built-in four-leaf cutter gives users even more control when shaping light output. Using a separately available Spotlight Max Iris, users also may quickly reduce the illumination circle size without needing to change projection lenses or physically move the fixture set up.

Featuring a detachable yoke, the Spotlight Max can be easily be mounted in upright or underslung positions, allowing for maximum rigging flexibility.

To maximize compatibility, the Spotlight Max comes with a durable Bowens mount and may be used with a separately available ETC Lens Adapter, allowing the Spotlight Max to be paired with any Bowens mount fixture on the market and ETC projection lenses.

The Spotlight Max includes a reinforced hard rolling case, making transportation and storage easy and safe.



Spotlight Max 19° Weight Chart

Fixture Combination	Weight (Lamp Head + Spotlight Max 19°)	Weight (Lamp Head + Control Box + Spotlight Max 19°)
LS 600d	17.13kg / 37.77lbs	21.38kg / 47.13lbs
LS 600d Pro	17.08kg / 37.65lbs	24.02kg / 52.96lbs
LS 600x Pro	17.71kg / 39.04lbs	24.89kg / 54.87lbs
LS 600c Pro	18.40kg / 40.57lbs	26.14kg / 57.63lbs
LS 1200d Pro	21.55kg / 47.51lbs	29.88kg / 65.87lbs



Spotlight Max 19° Photometrics

Fixture	Dis.	5600K	3200K
LS 600d Pro	3m	23,100 lux 2,146 fc	-
	5m	8,316 lux 773 fc	-
	7m	4,243 lux 394 fc	-
LS 600x Pro	3m	14,778 lux 1,373 fc	10,878 lux 1,011 fc
	5m	5,320 lux 494 fc	3,916 lux 364 fc
	7m	2,714 lux 252 fc	1,998 lux 186 fc
LS 600c Pro	3m	6,422 lux 597 fc	5,289 lux 491 fc
	5m	2,312 lux 215 fc	1,904 lux 177 fc
	7m	1,180 lux 110 fc	971 lux 90 fc
LS 1200d Pro	3m	29,033 lux 2,697 fc	-
	5m	10,452 lux 971 fc	-
	7m	5,333 lux 496 fc	-



Spotlight Max 19° Specifications

Dimensions	Without Yoke	48.3 x 25.0 x 25.0cm 19.0 x 9.8 x 9.8in
	With Yoke	48.9 x 25.0 x 50.1cm 19.3 x 9.8 x 19.7in
Weight	Total	12.44kg / 27.43lbs

What's in the Box

Name	Qty
Spotlight Max	1
Spotlight Max Yoke	1
Spotlight Max 19° Lens	1
Rotatable Gobo Clip	1
A-Size Gobo	3
Rolling Hard Case	1

Sales & Shipping Information

Product Name	Spotlight Max Kit with 19° Lens
SKU	APXF043A30
UPC	6971842186716
Packing Dimensions	88.6 x 45 x 36.5cm 34.9 x 17.7 x 14.4in
Net Weight	12.44kg / 27.43lbs
Gross Weight	28.77kg / 63.43lbs
Carton Quantity	1
Carton Dimensions	97 x 52.5 x 49cm 38.2 x 20.7 x 19.3in
Carton Weight	39.87kg / 87.9lbs



Spotlight Max 36° Weight Chart

Fixture Combination	Weight (Lamp Head + Spotlight Max 19°)	Weight (Lamp Head + Control Box + Spotlight Max 19°)
LS 600d	15.99kg / 35.25lbs	20.24kg / 44.62lbs
LS 600d Pro	15.94kg / 35.14lbs	22.88kg / 50.44lbs
LS 600x Pro	16.57kg / 36.53lbs	23.75kg / 52.36lbs
LS 600c Pro	17.26kg / 38.05lbs	25.0kg / 55.12lbs
LS 1200d Pro	19.01kg / 41.91lbs	28.74kg / 63.36lbs



Spotlight Max 36° Photometrics

Fixture	Dis.	5600K	3200K
LS 600d Pro	3m	8,200 lux 762 fc	-
	5m	2,952 lux 274 fc	-
	7m	1,506 lux 140 fc	-
LS 600x Pro	3m	5,967 lux 554 fc	4,333 lux 403 fc
	5m	2,148 lux 200 fc	1,560 lux 145 fc
	7m	1,096 lux 102 fc	796 lux 74 fc
LS 600c Pro	3m	2,859 lux 266 fc	2,322 lux 216 fc
	5m	1,029 lux 96 fc	836 lux 78 fc
	7m	525 lux 49 fc	427 lux 40 fc
LS 1200d Pro	3m	4,233 lux 393 fc	-
	5m	1,524 lux 142 fc	-
	7m	778 lux 72 fc	-

Spotlight Max 36° Specifications

Dimensions	Without Yoke	48.3 x 25.0 x 25.0cm 19.0 x 9.8 x 9.8in
	With Yoke	48.9 x 25.0 x 50.1cm 19.3 x 9.8 x 19.7in
Weight	Total	11.30kg / 24.91lbs

What's in the Box

Name	Qty
Spotlight Max	1
Spotlight Max Yoke	1
Spotlight Max 36° Lens	1
Rotatable Gobo Clip	1
A-Size Gobo	3
Rolling Hard Case	1

Sales & Shipping Information

Product Name	Spotlight Max Kit with 36° Lens
SKU	APXF043A31
UPC	6971842186723
Packing Dimensions	88.6 x 45 x 36.5cm 34.9 x 17.7 x 14.4in
Net Weight	11.30kg / 24.91lbs
Gross Weight	27.18kg / 59.92lbs
Carton Quantity	1
Carton Dimensions	97 x 52.5 x 49cm 38.2 x 20.7 x 19.3in
Carton Weight	38.78kg / 85.50lbs



Spotlight Max 50° Weight Chart

Fixture Combination	Weight (Lamp Head + Spotlight Max 19°)	Weight (Lamp Head + Control Box + Spotlight Max 19°)
LS 600d	16.23kg / 35.78lbs	20.48kg / 45.15lbs
LS 600d Pro	16.18kg / 35.67lbs	23.12kg / 50.97lbs
LS 600x Pro	16.81kg / 37.06lbs	23.99kg / 52.89lbs
LS 600c Pro	17.05kg / 38.58lbs	25.24kg / 55.64lbs
LS 1200d Pro	19.25kg / 42.44lbs	28.98kg / 63.89lbs



Spotlight Max 50° Photometrics

Fixture	Dis.	5600K	3200K
LS 600d Pro	3m	2,710 lux 201 fc	-
	5m	976 lux 75 fc	-
	7m	433 lux 40 fc	-
LS 600x Pro	3m	1,939 lux 180 fc	1,451 lux 135 fc
	5m	698 lux 65 fc	522 lux 49 fc
	7m	356 lux 33 fc	266 lux 25 fc
LS 600c Pro	3m	1,207 lux 112 fc	948 lux 88 fc
	5m	434 lux 40 fc	341 lux 32 fc
	7m	221 lux 21 fc	174 lux 14 fc
LS 1200d Pro	3m	4,233 lux 393 fc	-
	5m	1,524 lux 142 fc	-
	7m	778 lux 72 fc	-

Spotlight Max 50° Specifications

Dimensions	Without Yoke	47.2 x 25.0 x 25.0cm 18.6 x 9.8 x 9.8in
	With Yoke	47.2 x 25.0 x 50.1cm 18.6 x 9.8 x 19.7in
Weight	Total	11.54kg / 25.44lbs

What's in the Box

Name	Qty
Spotlight Max	1
Spotlight Max Yoke	1
Spotlight Max 50° Lens	1
Rotatable Gobo Clip	1
A-Size Gobo	3
Rolling Hard Case	1

Sales & Shipping Information

Product Name	Spotlight Max Kit with 50° Lens
SKU	APXFO43A32
UPC	6971842186730
Packing Dimensions	88.6 x 45 x 36.5cm 34.9 x 17.7 x 14.4in
Net Weight	11.54kg / 25.44lbs
Gross Weight	27.48kg / 60.58lbs
Carton Quantity	1
Carton Dimensions	97 x 52.5 x 49cm 38.2 x 20.7 x 19.3in
Carton Weight	39.08kg / 86.16lbs