

41450 **Infinity Furion S402 Spot**

350 W Spot Moving Head - IP65



The Furion S402 Spot is a lightweight, IP65-rated spot moving head with a formidable 350 W flat-field LED, a wide zoom range and an arsenal of built-in effects. This makes it an excellent choice for grand concerts, theatrical productions, live events and more.

The motorised zoom transitions effortlessly between a slender 5.1° beam angle and a sweeping 32.5° beam angle for flexible lighting effects and coverage. Vibrant colour options come from its CMY colour mixing capabilities and the additional colour wheel with 8 colours plus an open position.

Packed with features, the S402 Spot includes a rotating gobo wheel with 7 gobos and a static gobo wheel with 9 gobos that add dazzling dynamic visual effects. Luscious layers can be added to the light beam with the rotating 5-facet circular prism or use the animation wheel and virtual animation to further enhance the dynamic possibilities. An iris for precise beam control and a light frost filter for softer edges make the S402 even more versatile.

For environments requiring minimal noise, the studio mode offers whisper-quiet fan operation ensuring discreet performance. Adjustable PWM frequencies guarantee uncompromised quality in filming situations too. Comprehensive control options include basic, advanced and customised DMX modes, CRMX, W-DMX, Art-Net, sACN and RDM. Power Pro True inputs and outputs add power-linking possibilities.

The Furion S402's housing is forged from magnesium and aluminium. This makes it strong and lightweight, ensuring both durability and minimal maintenance. With an IP65 rating, it's also dust-tight and protected against water, making it suitable for both indoor and outdoor use.

With its motorised zoom, seamless movements, CMY colour mixing capabilities and array of built-in effects, the Furion S402 Spot is top-notch lighting fixture suitable for a wide variety of applications.

Special features:

- CMY colour mixing and colour wheel with 8 colours + open
- Rotating gobo wheel with 7 gobos and static gobo wheel with 9 gobos
- Rotating 5-facet circular prism for creative visual effects
- Iris for extra beam control, light frost for softer edge and animation wheel for extra dynamism
- Very wide zoom range from 5.1° to 32.5°

Specifications:

- **Source**

Light Source Type	LED
Light Source Quantity	1
Light Source Power	350 W
Refresh Rate	600 Hz
Refresh Rate (Max.)	15 kHz
Luminous Flux (Total)	11525 lm
CRI	73,5
CCT	7400 K
- **Optical**

Beam Angle Minimum (Circular)	5,1°
Beam Angle Maximum (Circular)	32,5°
Cutoff Angle Minimum (Circular)	6,1°
Cutoff Angle Maximum (Circular)	51,8°
Field Angle Minimum (Circular)	5,9°
Field Angle Maximum (Circular)	48,7°
Zoom Type	Motorised
Zoom Ratio	1:8
Frost	Yes
Focus	Motorised
Iris	Motorised
- **Control and Programming**

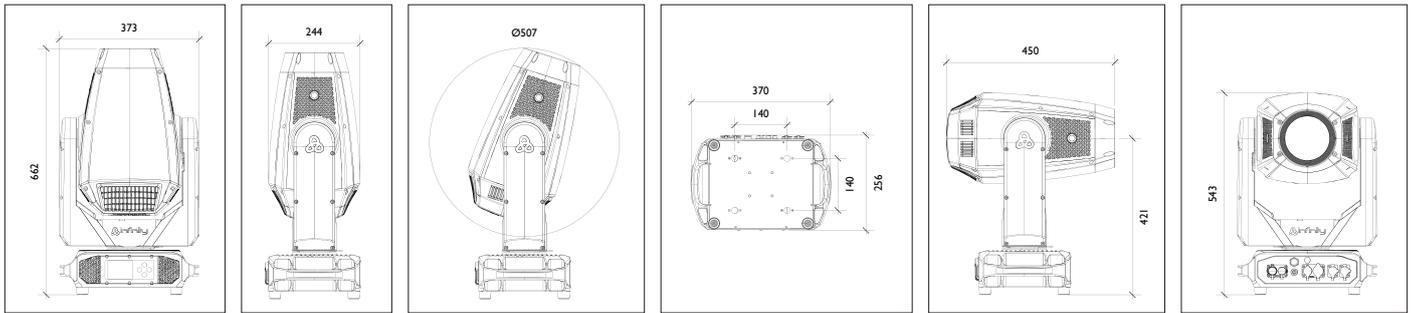
Control Mode	Auto / DMX / Manual
DMX Channels	25 / 35
Protocols	CRMX Classic / DMX / W-DMX / RDM
Wireless	LumenRadio
Display	Battery / Gravity Sensor / TFT
Fan mode	Yes
Dim Curve	Linear / Square / I-Square / S-Curve
Dimmer Resolution	16 bit
Focus Resolution	16 bit
Zoom Resolution	16 bit
Frost Resolution	8 bit
Iris Resolution	16 bit
- **Dynamic Effects**

Dimmer	0-100 %
Strobe	0-20 Hz
Prism 1	5-facet Circular
Prism Index & Rotate	Yes

Specifications:

Animation Wheel	Yes + Digital Motion FX
Colour System	Colour Wheel CMY
Dichroic Colour Wheel 1	8 + Open
Gobo System	Glass + Metal
Gobo Wheel 1	7 + Open
Gobo Wheel 2	9 + Open
Gobo Size	20 mm
Image Diameter	15 mm
- Movement	
Pan	540°
Tilt	260°
Pan/Tilt Resolution	16-bit
- Electrical Specifications and Connections	
Power Supply	100-240 V AC 50/60 Hz
Power Consumption	450 W
Power Connector In	Power Pro True
Power Connector Out	Power Pro True
DMX Connector	XLR 5P In/Out
DMX Connector In	XLR 5P
DMX Connector Out	XLR 5P
Data Connector	etherCON In/Out
Data Connector In	RJ45
Data Connector Out	RJ45
- Control and Programming	
Length (mm)	254 mm
Width (mm)	374 mm
Height (mm)	662 mm
Weight	23 kg
IP Rating	IP65
Housing	Magnesium die-cast
Colour	Black
- Product Properties	
Cooling	Forced Convection
- Thermal Specifications	
Maximum Ambient Temperature	45 °C
Minimum Operating Temperature	-10 °C
- Included Items	
Included Cables	Power Pro True Cable
Included Rigging	Quick-Lock Bracket

Technical drawings:

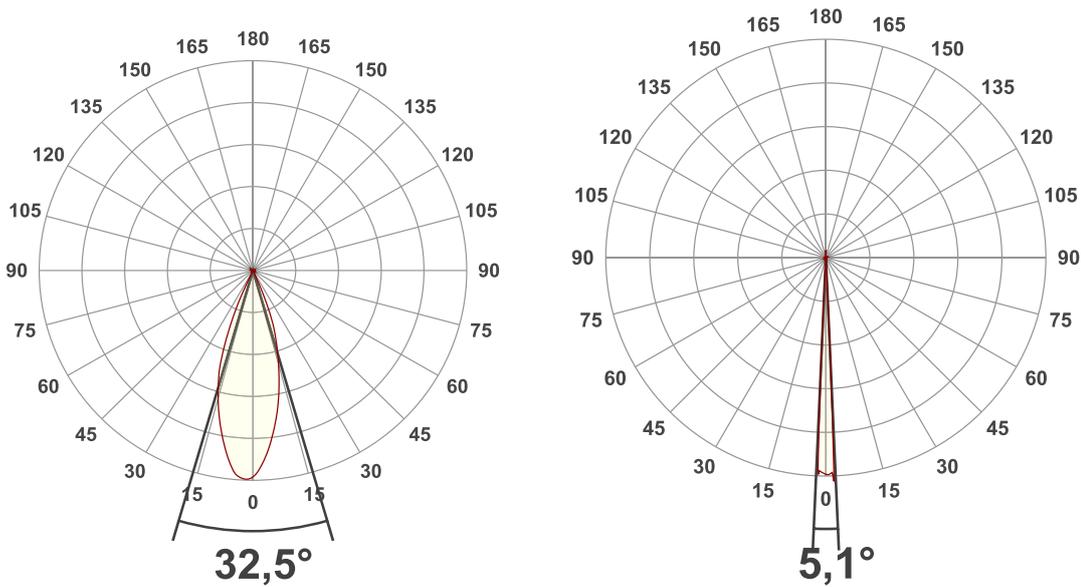


Product Accessories:

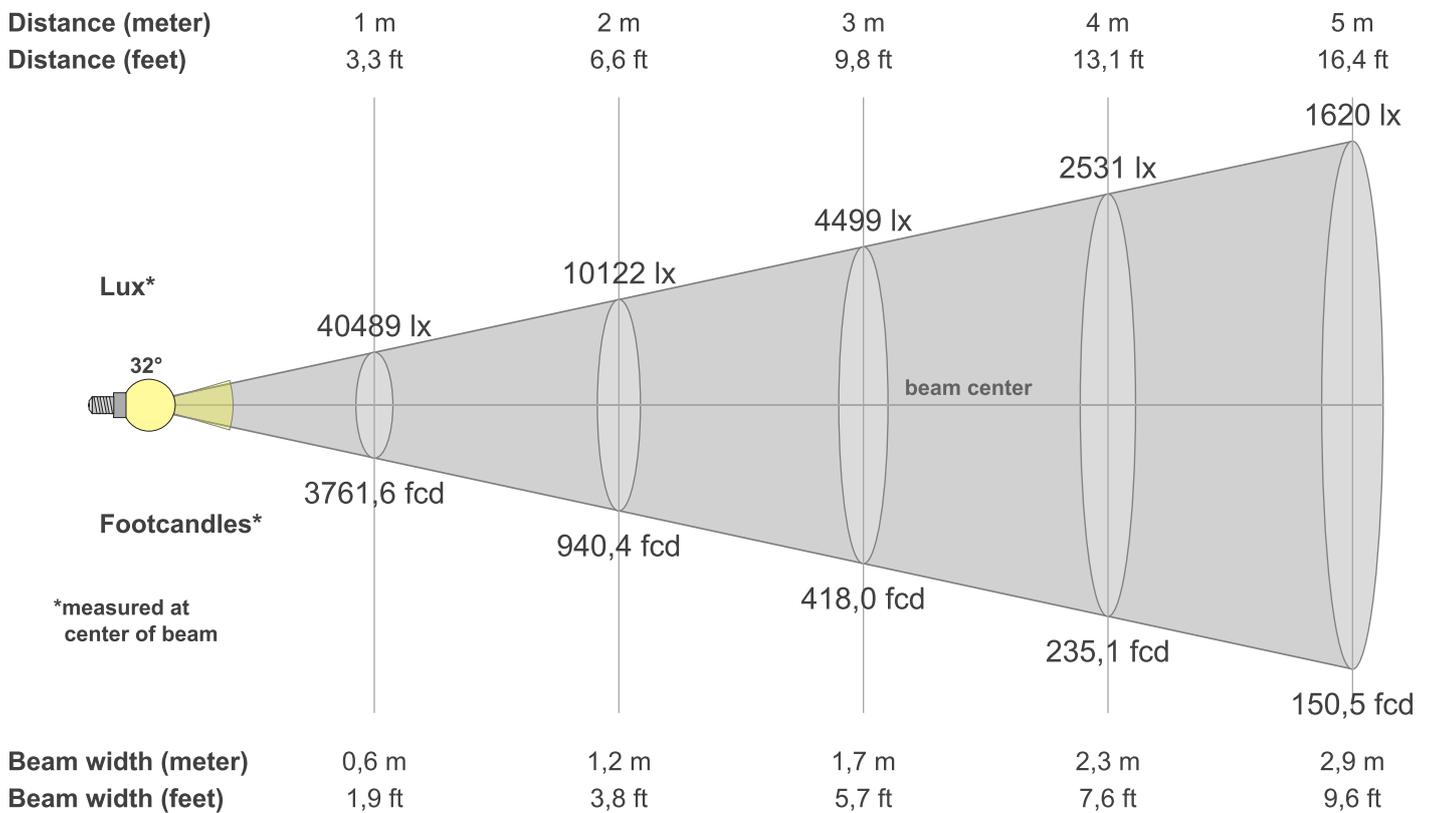
- 41499** Quicklock Bracket
- 41545** Furion S/P402 Diamond Gobo
- 41546** Furion S/P402 Bubbles Gobo
- 41549** Infinity IP Tester
- D7279** Case for 2x Furion S402 Spot or P402 Profile

Measurements:

Luminous Intensity diagram - zoom max & - zoom min



Beam Details - zoom max



Measurements:

Beam Details - zoom max

Beam Illuminances from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3,3ft	6,6ft	9,8ft	13,1ft	16,4ft	19,7ft	23ft	26,2ft	29,5ft	32,8ft	36,1ft	39,4ft	42,7ft	45,9ft	49,2ft	52,5ft	55,8ft	59,1ft	62,3ft	65,6ft
40489lx	10122lx	4499lx	2531lx	1620lx	1125lx	826lx	633lx	500lx	405lx	335lx	281lx	240lx	207lx	180lx	158lx	140lx	125lx	112lx	101lx
3761,6fcd	940,4fcd	418fcd	235,1fcd	150,5fcd	104,5fcd	76,8fcd	58,8fcd	46,4fcd	37,6fcd	31,1fcd	26,1fcd	22,3fcd	19,2fcd	16,7fcd	14,7fcd	13fcd	11,6fcd	10,4fcd	9,4fcd

CRI - zoom iris min

CRI: 73,5 (R1-R8)

