

# 714SX2

700SX2 - 2000/2500 W TUNGSTEN



- **Type:** Profile spot
- **Source:** 2000/2500 W Tungsten
- **Optics:** 15° to 40° zoom

Profile spot

## The ideal zoom profile for all medium throw applications

Combining power with a smooth flat beam, this medium throw fixture is a favourite for TV studios, talk shows and news reports, and perfect for medium to large theatres and opera houses. Its secure G22 lamp socket ensures reliability, longer lamp life, and 2000 W or 2500 W lamp options.

### Features

- **Multi-function double gate:** simultaneous use of gobos and iris. Sharp focus of both gobo and shutter
- **Shutter gate:** up to 8 shutters. Remove shutters for easy maintenance or tuck fully inside gate for secure transport
- **User-friendly shutter-lock system:** secures shutters' setting in any circumstances (locking efficient up to 4 shutters)
- **Universal gobo holder:** "A" size glass and metal gobo
- **Lens tube lock feature:** secures rotating lens tube against unwanted movement
- **90° rotating lens tube / gate / front accessories holder:** rotation of the projected image is always possible while the lamp remains vertical – no need to move the yoke
- **Internal glass filter holder:** long term use of durable coloured, dichroic or textured glass
- **Easy focus reference:** graduated scale on side of the unit; fast and easy refocusing
- **Tilt reference on hanging yoke:** index for rapid re-positioning

### Optical

- **Factory set optical train:** no re-alignment even after lamp change
- **SX optical system:** double condenser optics for exceptional optical quality
- **Variable zoom optics:** sharp focus at every beam angle. Independent control of image size and focus. Focus handles on both sides

### Construction

- **Made in France :** fully manufactured in Robert Juliat premises retaining complete control over all aspects of quality
- **G22 socket locking system exclusive to Robert Juliat:** holds the lamp securely in place to ensure there is no arcing, even when the fixture is pointing vertically downward
- **Silent-running cooling fans:** ideal for TV studios and opera houses
- **Bodywork:** strong sheet metal construction for durability
- **Moving parts:** smooth at all times, even when hot
- **Captive knobs and handles:** additional security when working at height or in transit
- **Easy access to all parts:** easy cleaning, re-lamping and maintenance
- **Removable assemblies:** fast-plug cable connectors and complete component assemblies (mirror, condenser set and lamp house assembly) save maintenance and cleaning time
- **Spare parts and accessories:** interchangeable across the tungsten, discharge or LED ranges, reducing running costs

Picture: 714SX2

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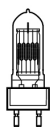
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Robert Juliat S.A.S., 32 rue de Beaumont, 60530 Fresnoy-en-Thelle - France  
Telephone : +33 (0)3 44 26 51 89 - fax : +33 (0)3 44 26 90 79 - info@robertjuliat.fr  
www.robertjuliat.com



ROBERT JULIAT

## Source



- **Lamp type:** Tungsten
- **Socket:** G22

Admissible lamps	Power *	Lumen output*	Colour temperature*	Life*
LIF: CP92	2 000 W	52 000 lm	3200K	400 h
LIF: CP91	2 500 W	65 000 lm	3200K	400 h

(\*) manufacturer's data

## Optics

### Characteristics

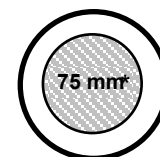
- **Type:** Zoom
- **Beam range:** 15° to 40°
- **Focal length:** 110 - 304 mm

### Gel filter

- **Shape:** Square
- **Standard size:** 215x215 mm (8.5x8.5 in)

### Gobo

- **Size:** A
- **Material:** Metal  
Glass



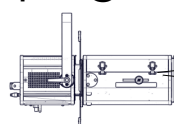
100 mm

\*Maximum image size

## Photometrics

with LIF: CP91 source

### • Optics @ 15°



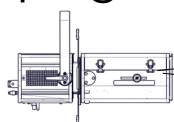
15°

Field angle  
3%

**Beam intensity**  
490 000 cd

<b>Distance</b>	5 m	10 m	15 m	20 m	25 m	30 m
<b>Diameter</b>	1.3 m	2.6 m	3.9 m	5.3 m	6.6 m	7.9 m
<b>Illumination</b>	20 000 lux	4 950 lux	2 200 lux	1 250 lux	790 lux	550 lux
<b>Distance</b>	15 ft	35 ft	50 ft	65 ft	80 ft	100 ft
<b>Diameter</b>	3.9 ft	9.2 ft	13.2 ft	17.1 ft	21.1 ft	26.3 ft
<b>Illumination</b>	2 200 fc	410 fc	200 fc	120 fc	80 fc	50 fc

### • Optics @ 40°



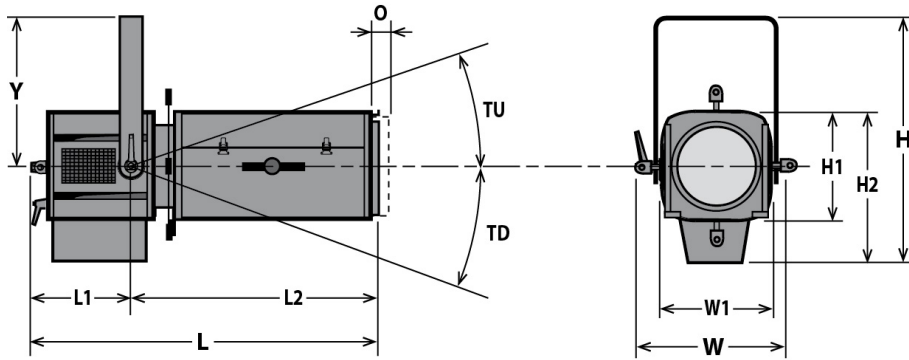
40°

Field angle  
3%

**Beam intensity**  
82 000 cd

<b>Distance</b>	5 m	10 m	15 m	20 m	25 m	30 m
<b>Diameter</b>	3.6 m	7.3 m	10.9 m	14.6 m	18.2 m	21.8 m
<b>Illumination</b>	3 300 lux	830 lux	370 lux	210 lux	140 lux	95 lux
<b>Distance</b>	15 ft	35 ft	50 ft	65 ft	80 ft	100 ft
<b>Diameter</b>	10.9 ft	25.5 ft	36.4 ft	47.3 ft	58.2 ft	72.8 ft
<b>Illumination</b>	370 fc	70 fc	33 fc	20 fc	13 fc	9 fc

## Dimensions and weight



**Weight:** 20 kg (44 lbs)

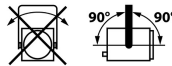
Height	Length	Width	Yoke	Tilt	Option
H= 525 mm (20.7 in)	L= 740 mm (29.1 in)	W= 380 mm (15 in)	Y= 325 mm (12.8 in)	TU= TBD°	O= 25 mm (1 in)
H1= 250 mm (9.8 in)	L1= 265 mm (10.4 in)	W1= 250 mm (9.8 in)		TD= TBD°	
H2= 330 mm (13 in)	L2= 475 mm (18.7 in)				

## Shipping

- **Weight :** 23.2 kg (51 lbs)
- **Volume :** .13 m<sup>3</sup> (4.59 ft<sup>3</sup>)

## Installation

- **Minimum distance to illuminated surface:** 2.1 m ( 6.9 ft )
- **Operating position:**



## Construction

- **Housing:** Steel sheet - Aluminium
- **Colour:** Black
- **Cooling:** Low noise fan
- **Maximum ambient temperature (Ta):** 40°C (104°F)
- **Maximum case temperature (Tc):** 270°C (518°F)
- **Total heat dissipation:** 6 826 BTU/h
- **Ingress Protection (IP) rating:** IP20

## Electrical compatibility

- 230/240 V - 50 Hz
- ~~115/120 V - 60 Hz~~

## Warranty

- **Fixture: 2 years**  
See General Sales Condition on website

## Approvals



## Acoustics

- **Noise level:** < 35,5 dB(A)

## Power input



- **Type:** attached power cord
- **Cable:** H07RNF 3G1.5
- **Length:** 3 m (9.8 ft)
- **Power connector:** CEE 7/7 (2P+E NF/Schuko)




## Power consumption

Voltage	Frequency	Current	Power
230 V	50 Hz	9 A	2000 W
230 V	50 Hz	11 A	2500 W














## Model

<b>714SX2</b>	2000/2500 W Tungsten Profile spot - G22 socket - 714SX2 - 15/40°
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## Options

<b>CAV700</b>	Double slot front cassette for 215x215mm accessories	
<b>CAV700J</b>	Double slot front cassette for 245x245mm accessories	
<b>PCP1716A</b>	16A blue 2P+E 6h IEC60309 power connector	

## Accessories

<b>D8</b>	Shutter for SX series <b>4 included</b>	
<b>PF1000M2</b>	215x215mm metal filter holder <b>1 included</b>	
<b>SGUX</b>	Universal "A" size gobo-holder (metal, glass, frosted glass) <b>1 included</b>	
<b>CP91</b>	CP91 - G22 2500W 230V 400h 3200K lamp	
<b>CP92</b>	CP92 - G22 2000W 230V 400h 3200K lamp	
<b>IWSX755</b>	Drop-in iris (monoplane) with holder - Poids: 0.26 Kg	
<b>G1000</b>	215x215mm safety grid	
<b>CAV700A</b>	Double slot front cassette for 215x215mm accessories - Poids: 0.52 Kg	
<b>CAV700AJ</b>	Double slot front cassette for 245x245mm accessories - Poids: 0.95 Kg	
<b>RV934</b>	Front extension cassette for 215x215mm accessories with fan - Poids: 2 Kg	
<b>VD120</b>	120x120mm frosted glass	
<b>FCD700</b>	Angled yoke - Poids: 1.62 Kg	
<b>876</b>	Hook clamp 40x10mm with 28mm M10 screw for Ø35 to 50mm pipes - SWL: 50Kg - Poids: 1.25 Kg	

**880**

Hook clamp 40x10mm with 28mm M10 screw for Ø50 to 63mm  
pipes - SWL: 50Kg - Poids: 1.36 Kg



**CS2**

Safety cable Ø3 mm L= 600mm - SWL: 75 Kg

