

# 713CSX2

700SX2 - 2000 W TUNGSTEN



- **Type:** Profile spot
- **Source:** 2000 W Tungsten
- **Optics:** 29° to 50° zoom
- **Standard:** North american

Profile spot

## The ideal zoom profile for all short throw applications

Combining power with a smooth flat beam, the 713 SX2 is the perfect profile for all long throw applications in medium to large theatres and opera houses. Its secure G22 lamp socket ensures reliability and a longer lamp life.

### 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:713SX2

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Robert Juliat reserves the right to change or alter any of the items detailed on this page, to increase or improve manufacturing techniques without prior notice.

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ROBERT JULIAT

## Source



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

Admissible lamps	Power *	Lumen output*	Colour temperature*	Life*
LIF: CP92 - 120V - ANSI: CP92 -	2 000 W	55 000 lm	3200K	400 h

(\*) manufacturer's data

## Optics

### Characteristics

- **Type:** Zoom
- **Range:** 29° to 50° (Field angle)
- **Focal length:** 86 - 155 mm

### Gel filter

- **Shape:** Square
- **Standard size:** 254x254 mm (10x10 in)

### Gobo

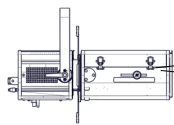
- **Size:** A
- **Material:** Metal  
Glass



## Photometrics

optics: 29°-50° / Standard / LIF: CP92 2000W

### • Optics @ 29°



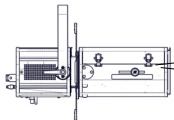
29°

Field angle  
3%

**Beam intensity**  
123 000 cd

<b>Distance</b>	5 m	10 m	15 m	20 m	25 m	30 m
<b>Diameter</b>	2.6 m	5.2 m	7.8 m	10.3 m	12.9 m	15.5 m
<b>Illumination</b>	4 950 lux	1 250 lux	550 lux	310 lux	200 lux	140 lux
<b>Distance</b>	15 ft	35 ft	50 ft	65 ft	80 ft	100 ft
<b>Diameter</b>	7.8 ft	18.1 ft	25.9 ft	33.6 ft	41.4 ft	51.7 ft
<b>Illumination</b>	550 fc	110 fc	50 fc	30 fc	20 fc	13 fc

### • Optics @ 50°



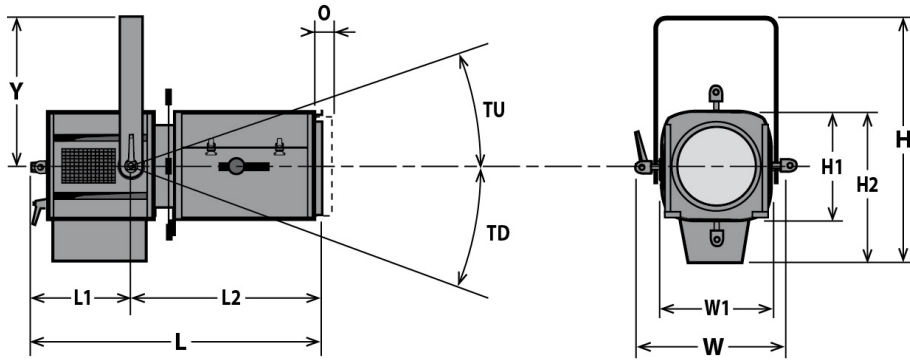
50°

Field angle  
3%

**Beam intensity**  
9 000 cd

<b>Distance</b>	5 m	10 m	15 m	20 m	25 m	30 m
<b>Diameter</b>	4.7 m	9.3 m	14 m	18.7 m	23.3 m	28 m
<b>Illumination</b>	370 lux	95 lux	41 lux	23 lux	15 lux	11 lux
<b>Distance</b>	15 ft	35 ft	50 ft	65 ft	80 ft	100 ft
<b>Diameter</b>	14 ft	32.6 ft	46.6 ft	60.6 ft	74.6 ft	93.3 ft
<b>Illumination</b>	41 fc	8 fc	4 fc	3 fc	2 fc	1 fc

## Dimensions and weight



**Weight:** 18 kg (39.6 lbs)

Height	Length	Width	Yoke	Tilt	Option
H= 525 mm (20.7 in)	L= 655 mm (25.8 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= 390 mm (15.4 in)				

## Shipping

- **Weight :** 22 kg (48.4 lbs)
- **Volume :** .13 m<sup>3</sup> (4.59 ft<sup>3</sup>)

## Installation

- **Minimum distance to illuminated surface:** 1.5 m ( 4.9 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

## Power input



- **Type:** attached power cord
- **Cable:** 12 AWG SJ type (UL/CSA)
- **Length:** 1.5 m (4.9 ft)
- **Power connector:** without connector

## Power consumption

Voltage	Frequency	Current	Power
120 V	60 Hz	17 A	2000 W

## Warranty

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

## Approvals








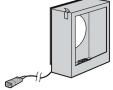
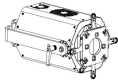




## Model

**713CSX2**

2000 W Tungsten Profile spot - G22 socket - 713CSX2 - 29/50° - North american standard

## Options

## Accessories

<b>D8</b>	Shutter for SX series <b>4 included</b>	
<b>SGUX</b>	Universal "A" size gobo-holder (metal, glass, frosted glass) <b>1 included</b>	
<b>IWSX755</b>	Drop-in iris (monoplane) with holder - Weight: 0.26 Kg	
<b>G1000C</b>	254x254mm safety grid	
<b>RPF713C</b>	Front extension cassette for 254x254mm (10") accessories without fan	
<b>RVC934</b>	Front extension cassette for 254x254mm (10") accessories with fan - Weight: 2.59 Kg	
<b>LH/670CSXVW</b>	500W VW LED profile lamp house Bizet for 6X1/6X3/6X4/713/714SX optics with yoke - North american standard	
<b>VD120</b>	120x120mm frosted glass	
<b>FCD700</b>	Angled yoke - Weight: 1.62 Kg	
<b>876</b>	Hook clamp 40x10mm with 28mm M10 screw for Ø35 to 50mm pipes - SWL: 50Kg - Weight: 1.25 Kg	
<b>880</b>	Hook clamp 40x10mm with 28mm M10 screw for Ø50 to 63mm pipes - SWL: 50Kg - Weight: 1.36 Kg	
<b>CS2</b>	Safety cable Ø3 mm L= 600mm - SWL: 75 Kg	