

714CSX2

7005X2 - 2000 W TUNGSTEN



- **Type:** Profile spot
- **Source:** 2000 W Tungsten
- **Optics:** 15° to 40° zoom
- **Standard:** North american

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 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:714SX2

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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:** 15° to 40° (Field angle)
- **Focal length:** 110 - 304 mm

Gel filter

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

Gobo

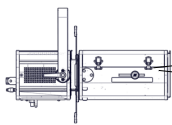
- **Size:** A
- **Material:** Metal
Glass



Photometrics

optics: 15°-40° / Standard / LIF: CP92 2000W

• Optics @ 15°



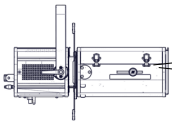
15°

Field angle
3%

Beam intensity
405 000 cd

| | | | | | | |
|---------------------|------------|-----------|-----------|-----------|---------|---------|
| Distance | 5 m | 10 m | 15 m | 20 m | 25 m | 30 m |
| Diameter | 1.3 m | 2.6 m | 3.9 m | 5.3 m | 6.6 m | 7.9 m |
| Illumination | 16 500 lux | 4 100 lux | 1 850 lux | 1 050 lux | 650 lux | 460 lux |
| Distance | 15 ft | 35 ft | 50 ft | 65 ft | 80 ft | 100 ft |
| Diameter | 3.9 ft | 9.2 ft | 13.2 ft | 17.1 ft | 21.1 ft | 26.3 ft |
| Illumination | 1 850 fc | 340 fc | 170 fc | 100 fc | 65 fc | 41 fc |

• Optics @ 40°



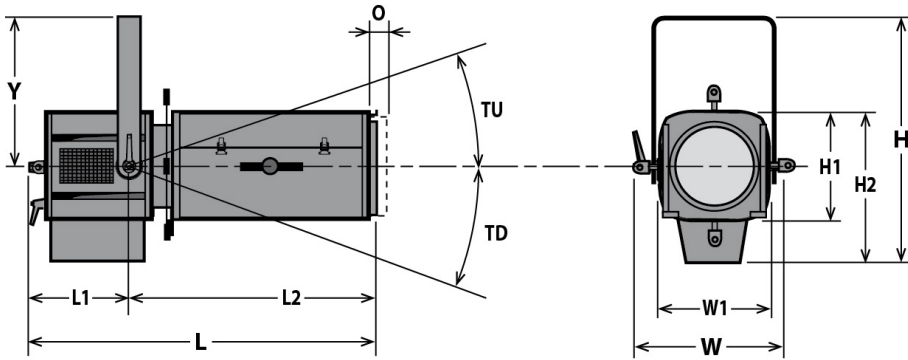
40°

Field angle
3%

Beam intensity
57 000 cd

| | | | | | | |
|---------------------|-----------|---------|---------|---------|---------|---------|
| Distance | 5 m | 10 m | 15 m | 20 m | 25 m | 30 m |
| Diameter | 3.6 m | 7.3 m | 10.9 m | 14.6 m | 18.2 m | 21.8 m |
| Illumination | 2 300 lux | 580 lux | 260 lux | 150 lux | 95 lux | 65 lux |
| Distance | 15 ft | 35 ft | 50 ft | 65 ft | 80 ft | 100 ft |
| Diameter | 10.9 ft | 25.5 ft | 36.4 ft | 47.3 ft | 58.2 ft | 72.8 ft |
| Illumination | 260 fc | 47 fc | 23 fc | 14 fc | 9 fc | 6 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 m³ (4.59 ft³)

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

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







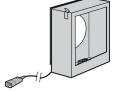
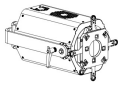





Model

714CSX2

2000 W Tungsten Profile spot - G22 socket - 714CSX2 - 15/40° - North american standard

Options

Accessories

| | | |
|--------------------|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| D8 | Shutter for SX series 4 included |  |
| SGUX | Universal "A" size gobo-holder (metal, glass, frosted glass) 1 included |  |
| IWSX755 | Drop-in iris (monoplane) with holder - Weight: 0.26 Kg |  |
| G1000C | 254x254mm safety grid |  |
| RVC934 | Front extension cassette for 254x254mm (10") accessories with fan - Weight: 2.59 Kg |  |
| LH/670CSXVW | 500W VW LED profile lamp house Bizet for 6X1/6X3/6X4/713/714SX optics with yoke - North american standard |  |
| VD120 | 120x120mm frosted glass |  |
| FCD700 | Angled yoke - Weight: 1.62 Kg |  |
| 876 | Hook clamp 40x10mm with 28mm M10 screw for Ø35 to 50mm pipes - SWL: 50Kg - Weight: 1.25 Kg |  |
| 880 | Hook clamp 40x10mm with 28mm M10 screw for Ø50 to 63mm pipes - SWL: 50Kg - Weight: 1.36 Kg |  |
| CS2 | Safety cable Ø3 mm L= 600mm - SWL: 75 Kg |  |