700SX2 - 2000/2500 W Tungsten

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

**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 lantern; 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:** uniform across the tungsten, discharge or LED range, reducing running costs
Gel filter
- Shape: Square
- Standard size: 215x215 mm (8.5x8.5 in)

**Optics**

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

**Photometrics**

- **Optics @ 15°**
  - Beam intensity: 490,000 cd
  - Field angle: 3%
  - Distance
    - 5 m: 20,000 lux
    - 10 m: 4,950 lux
    - 15 m: 2,200 lux
    - 20 m: 1,280 lux
    - 25 m: 790 lux
    - 30 m: 550 lux
  - Diameter
    - 1.3 m: 15 ft
    - 2.6 m: 35 ft
    - 3.9 m: 50 ft
    - 5.3 m: 65 ft
    - 6.6 m: 80 ft
    - 7.9 m: 100 ft
  - Illumination
    - 200 fc: 3.9 ft
    - 410 fc: 9.2 ft
    - 200 fc: 13.2 ft
    - 120 fc: 17.1 ft
    - 80 fc: 21.1 ft
    - 50 fc: 26.3 ft

- **Optics @ 40°**
  - Beam intensity: 82,000 cd
  - Field angle: 3%
  - Distance
    - 5 m: 3,300 lux
    - 10 m: 830 lux
    - 15 m: 370 lux
    - 20 m: 210 lux
    - 25 m: 140 lux
    - 30 m: 95 lux
  - Diameter
    - 3.6 m: 15 ft
    - 7.3 m: 35 ft
    - 10.9 m: 50 ft
    - 14.6 m: 65 ft
    - 18.2 m: 80 ft
    - 21.8 m: 100 ft
  - Illumination
    - 370 fc: 10.9 ft
    - 70 fc: 25.5 ft
    - 33 fc: 36.4 ft
    - 20 fc: 47.3 ft
    - 13 fc: 58.2 ft
    - 9 fc: 72.8 ft

**Admissible lamps**

<table>
<thead>
<tr>
<th>Lumen</th>
<th>Colour temperature</th>
<th>Life</th>
</tr>
</thead>
<tbody>
<tr>
<td>52,000</td>
<td>3200K</td>
<td>400 h</td>
</tr>
<tr>
<td>66,000</td>
<td>3200K</td>
<td>400 h</td>
</tr>
</tbody>
</table>

**Source**

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

**Gobo**

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

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    - 13 fc: 58.2 ft
    - 9 fc: 72.8 ft

**Lamps LIF:**

- **CP92**
  - Power: 2,000 W
  - Lumen output: 52,000 lm
  - Colour temperature: 3200K
  - Life: 400 h

- **CP91**
  - Power: 2,500 W
  - Lumen output: 66,000 lm
  - Colour temperature: 3200K
  - Life: 400 h

(*) manufacturer's data
Power consumption

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Frequency</th>
<th>Current</th>
<th>Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>230 V</td>
<td>50 Hz</td>
<td>9 A</td>
<td>2000 W</td>
</tr>
<tr>
<td>230 V</td>
<td>50 Hz</td>
<td>11 A</td>
<td>2500 W</td>
</tr>
</tbody>
</table>

Electrical compatibility

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

Power input

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

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
- Protection rating: 20

Installation

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

Shipping

- Weight: 23.2 kg (51 lbs)
- Volume: 0.13 m³ (4.59 ft³)
### Model

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>714SX2</td>
<td>2000/2500 W Tungsten Profile spot - G22 socket - 714SX2 - 15/40°</td>
</tr>
</tbody>
</table>

### Options

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<th>Option</th>
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<tr>
<td>LT-Profile</td>
<td>Licht-Technik motorisation controlled by DMX: Pan, tilt, zoom, focus, 4 shutters, colour changer</td>
</tr>
<tr>
<td>CAV700</td>
<td>Double slot front cassette for 215x215mm accessories</td>
</tr>
<tr>
<td>CAV700J</td>
<td>Double slot front cassette for 245x245mm accessories</td>
</tr>
<tr>
<td>PCP1716A</td>
<td>16A blue 2P+E 6h IEC60309 power connector</td>
</tr>
</tbody>
</table>

### Accessories

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>D8</td>
<td>Shutter for SX series</td>
</tr>
<tr>
<td>PF1000M2</td>
<td>215x215mm metal filter holder</td>
</tr>
<tr>
<td>SGUX</td>
<td>Universal &quot;A&quot; size gobo-holder (metal, glass, frosted glass)</td>
</tr>
<tr>
<td>CP91</td>
<td>CP91 - G22 2500W 230V 400h 3200K lamp</td>
</tr>
<tr>
<td>CP92</td>
<td>CP92 - G22 2000W 230V 400h 3200K lamp</td>
</tr>
<tr>
<td>IWSX755</td>
<td>Drop-in iris (monoplane) with holder - Weight: .26 Kg</td>
</tr>
<tr>
<td>G1000</td>
<td>215x215mm safety grid</td>
</tr>
<tr>
<td>CAV700A</td>
<td>Double slot front cassette for 215x215mm accessories - Weight: .52 Kg</td>
</tr>
<tr>
<td>CAV700AJ</td>
<td>Double slot front cassette for 245x245mm accessories - Weight: .95 Kg</td>
</tr>
<tr>
<td>RV934</td>
<td>Front extension cassette for 215x215mm accessories with fan - Weight: 2 Kg</td>
</tr>
<tr>
<td>VD120</td>
<td>120x120mm frosted glass</td>
</tr>
<tr>
<td>FCD700</td>
<td>Angled yoke - Weight: 1.62 Kg</td>
</tr>
<tr>
<td>Code</td>
<td>Description</td>
</tr>
<tr>
<td>------</td>
<td>-------------</td>
</tr>
<tr>
<td>876</td>
<td>Hook clamp 40x10mm with 28mm M10 screw for Ø35 to 50mm pipes - SWL: 50Kg - Weight: 1.25 Kg</td>
</tr>
<tr>
<td>880</td>
<td>Hook clamp 40x10mm with 28mm M10 screw for Ø50 to 63mm pipes - SWL: 50Kg - Weight: 1.36 Kg</td>
</tr>
<tr>
<td>CS2</td>
<td>Safety cable Ø3 mm L= 600mm - SWL: 75 Kg</td>
</tr>
</tbody>
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