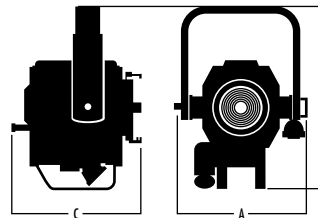


**Features**

- High intensity spot with a smooth, even flood field
- Lightweight, rugged aluminum construction
- Superior ventilation system guarantees cooler unit operation with extended lamp and gel life
- All operating controls thermally insulated for cool handling operations
- Torlon® insulators provide smooth focusing operation
- UL Listed, CSA Certified



**Dimensional Data** – in. [cm] lbs.[kg]

<b>A</b>	10.50 [26.67]
<b>B</b>	22.80 [57.90]
<b>C</b>	13.00 [33.00]
<b>Weight</b>	11.00 [4.95]

# 6" Theatre Fresnel

213-515

## Specifications

• Housing is constructed of die-cast and extruded aluminum components, with high temperature black finish.

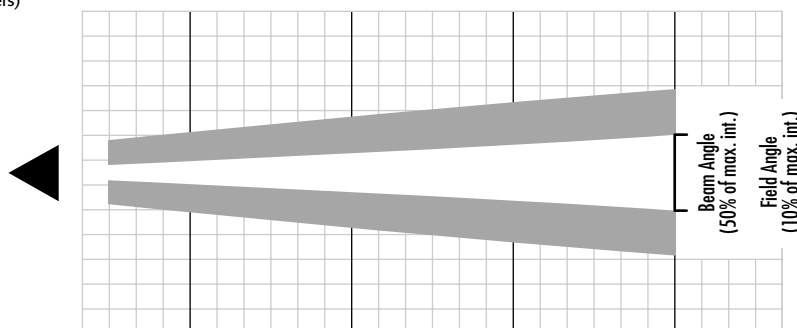
## Mechanical

- Optical Train consists of a medium prefocus tungsten halogen lamp, an etched super pure aluminum clad reflector, 6" x 4" low expansion borosilicate fresnel lens mounted in a hinged door for easy lamp replacement.
- Socket shall be medium prefocus porcelain insulated: UL recognized for 250 volts, 1200 watts, 200°C continuous operation. Rated lamp seal temperatures are not exceeded.
- Performance with catalog number 176-171 (ANSI code BTR) lamp in a 12.5° field with 175,000 beam candlepower, in spot focus, and in flood focus a 74.6° field with 11,200 beam candlepower.
- Mounting heavy steel yoke, with painted malleable iron C-clamp for pipe up to 2" I.D., with a tapped and threaded steel hanger pin. Stand mounting requires combo stud.

- Electrical 36" cable, 3 wire leads covered with black sleeving with connector as specified by option number below.
- Voltage 120/240 AC/DC

### Spot Focus (Beam angle 6.1°, Field angle 12/5)

Illumination* (footcandles/lux)	194/2160	109/1215	70/778	49/540
Diameter Beam: Field (feet/meters)	3.2/.96:6.6/1.97	4.3/1.28:8.8/2.63	5.3/1.6:11.0/3.3	6.4/1.92:13.1/3.94
Distance (feet/meters)	30/9	40/12	50/15	60/18



### Flood Focus (Beam angle 64.5°, Field angle 74.6°)

Distance (feet/meters)	6/2	9/3	12/4	15/5
Diameter Beam: Field (feet/meters)	7.6/2.5:9.1/3.8	11.3/3.8:13.7/5.8	15.1/5.0:24.9/6.1	18.9/6.3:24.9/7.6
Illumination* (footcandles/lux)	311/2800	138/1244	78/700	50/448

\*All illumination data is measured at beam center

### Photometric Performance

- 6" Fresnel 213-515, Lamp No. 176-171 1000W ANSI Code BTR
- For field diameter at any distance, multiply that distance by .219 for spot and 1.52 for flood

### Beam Candlepower

Spot	175,000
Flood	11,200

### Description

### Cat. No.

6" Fresnel with 3-wire lead only	213-515
6" Fresnel stand model with 12' cord and household U-ground connector with in-line switch	OPT-00001
6" Fresnel with 20A, 2-pole, 3-wire grounding pin connector	OPT-00002
6" Fresnel with NEMA 5-15P connector on 36" cable	OPT-00004
Same with 20A, 2-pole, 3-wire grounding twistlock NEMA L5-20P	OPT-00006
6" Fresnel with variation on standard (describe)	OPT-00007

### Accessories

### Cat. No.

Diffusion Frame	120-005
Safety Cable	138-059
Eight Leaf Barndoor	118-013
Set, Single, Half/Single Scrim	122-147
Dichroic Filter	130-003
Combo Stud for Flat Yoke	138-045
6" High Hat	138-049
Stand	152-052

### Lamps

### Cat. No.

500W, 120V, 3050°K, 500 Hrs., ANSI Code BTL	176-167
500W, 120V, 3200°K, 100 Hrs., ANSI Code BTM	176-168
750W, 120V, 3050°K, 750 Hrs., ANSI Code BTN	176-169
750W, 120V, 3200°K, 200 Hrs., ANSI Code BTP	176-170
1000W, 120V, 3200°K, 200 Hrs., ANSI Code BTR	176-171
1000W, 220V, 3200°K, CP 52, 200 Hrs., P28	176-091
1000W, 240V, 3200°K, CP 52, 200 Hrs., P28	176-092

Specifications subject to change without notice

