**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

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

<table>
<thead>
<tr>
<th>Distance (feet/meters)</th>
<th>6/2</th>
<th>9/3</th>
<th>12/4</th>
<th>15/5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Illumination* (footcandles/lux)</td>
<td>194/210</td>
<td>109/1215</td>
<td>70/778</td>
<td>49/540</td>
</tr>
<tr>
<td>Diameter Beam: Field (feet/meters)</td>
<td>3.2/9.6</td>
<td>6.6/19.7</td>
<td>4.3/13.0</td>
<td>8.8/26.3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Distance (feet/meters)</th>
<th>6/2</th>
<th>9/3</th>
<th>12/4</th>
<th>15/5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Illumination* (footcandles/lux)</td>
<td>311/2800</td>
<td>138/1244</td>
<td>78/700</td>
<td>50/448</td>
</tr>
<tr>
<td>Diameter Beam: Field (feet/meters)</td>
<td>7.6/2.3</td>
<td>9.1/2.8</td>
<td>11.3/3.4</td>
<td>13.7/4.2</td>
</tr>
</tbody>
</table>

*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.

**Spot Beam Candlepower** - 175,000

**Flood Beam Candlepower** - 11,200
**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

<table>
<thead>
<tr>
<th>CAT. NO.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>FR1TH-50B</td>
<td>6” Theater Fresnel with “C” Clamp, Bare Wire</td>
</tr>
<tr>
<td>FR1TH-22B</td>
<td>6” Theater Fresnel with “C” Clamp, 20A Male Stage Pin installed</td>
</tr>
<tr>
<td>FR1TH-42B</td>
<td>6” Theater Fresnel with “C” Clamp, 15A Edison Plug Installed</td>
</tr>
<tr>
<td>FR1TH-62B</td>
<td>6” Theater Fresnel with “C” Clamp, 20A Locking Plug Installed</td>
</tr>
</tbody>
</table>

**ACCESSORIES**

- ABRBO-000 Four Leaf Barndoor, Broad
- ABRCF-000 Color Frame, Broad
- AELCF-000 6” Color Frame
- TAOC-000 C-Clamp for 1 1/2” ID Pipe
- TAOC-000 Combo Stud - Flat Yoke
- TAOC-000 Safety Cable 30”
- AS153-3BO Retaining Latch Replacement, Mini-Pro
- A1KBO-000 Barndoor, 6” Fresnel

**LAMPS**

- LoBTL-000 BTL 500W 120V 3000K 500HR
- LoBTR-000 BTM 500W 120V 3200K 100HR
- LoBTN-000 BTN 750W 120V 3000K 750HR
- LoBTP-000 BTP 750W 120V 3200K 200HR
- LoBTR-000 BTR 1000W 120V 3200K 250HR
- LCP52-220 CP-52 FKN 1000W 220V P28 3200K
- LCP52-240 CP-52 1000W 240V P28 3200K

**DIMENSIONAL DATA – IN. [CM] LBS. [KG]**

<table>
<thead>
<tr>
<th>CAT.</th>
<th>DIMENSION</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>10.50 [26.67]</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>22.80 [57.90]</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>13.00 [33.00]</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>11.00 [4.95]</td>
<td></td>
</tr>
</tbody>
</table>

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