

8" Theater Fresnel

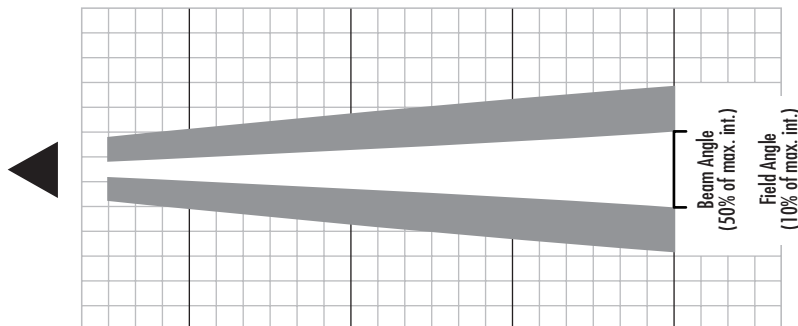


FEATURES

- 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 safe handling during operation
- Torlon® insulators provide smooth focusing operation
- UL Listed, CSA Certified

Spot Focus (Beam angle 8.4°, Field angle 15.3°)

Illumination* (footcandles/lux)	224/2291	118/1238	73/775	50/530
Diameter Beam: Field (feet/meters)	5.9/10.8 1.8/3.4	8.1/14.8 2.5/4.6	10.3/18.8 3.2/5.8	12.5/22.9 3.8/7.0
Distance (feet/meters)	40/12.5	55/17	70/21.5	85/26



Flood Focus (Beam angle 55.7°, Field angle 63.5°)

Distance (feet/meters)	12.5/4	17.5/5.5	22.5/7	27.5/8.5
Diameter Beam: Field (feet/meters)	13.2/15.5 4.2/5	18.5/21.7 5.8/6.8	23.8/27.8 7.4/8.7	29.0/34.0 9.0/10.5
Illumination* (footcandles/lux)	240/2344	122/1240	740/765	50/519

*All illumination data is measured at beam center

Photometric Performance: 8" Fresnel 213-525, Lamp No. 176-194 2000W ANSI Code BVW.
For field diameter at any distance, multiply that distance by .269 for spot and 1.238 for flood.

Spot Beam Candlepower - 358,000 **Flood Beam Candlepower** - 37,000

Leviton Mfg. Co., Inc. Lighting & Energy Solutions

20497 SW Teton Avenue, Portland, OR 97062 1-800-736-6682 Tech Line: 1-800-959-6004 Fax: 503-404-5594 www.leviton.com/les
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PRODUCT DATA

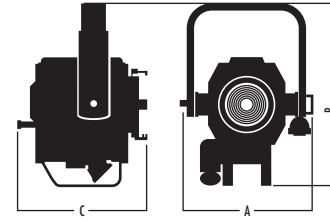


SPECIFICATIONS

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

MECHANICAL

- Optical Train consists of a mogul prefocus tungsten halogen lamp, an etched super pure aluminum clad reflector, 8" x 5" low expansion borosilicate fresnel lens mounted in a hinged door for easy lamp replacement
- Performance with catalog number 176-194 (ANSI code BVW) lamp in a 15.3° field with 358,000 beam candlepower, in spot focus, and in flood focus a 63.5° field with 37,000 beam candlepower
- Mounting heavy steel yoke, with painted malleable iron C-clamp for pipe up to 2" O.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



DIMENSIONAL DATA - IN. [CM] LBS. [KG]	
A	13.40 [34.00]
B	27.70 [70.35]
C	15.70 [39.80]
Weight	19.50 [8.77]

CAT. NO.	DESCRIPTION
FR2TH-50B	8" 2kW Theater Fresnel with "C" Clamp, Color Frame, Safety Cable, Bare Wire
FR2TH-22B	8" 2kW Theater Fresnel with "C" Clamp, Color Frame, Safety Cable, Stage Pin Connector
FR2TH-42B	8" 2kW Theater Fresnel with "C" Clamp, Color Frame, Safety Cable, PBG Connector
FR2TH-62B	8" 2kW Theater Fresnel with "C" Clamp, Color Frame, Safety Cable, Twist-Lock Connector
ACCESSORIES	
A2KCF-000	Color Frame for 8" Fresnel, 10 Degree 5/50 Ellipsoidal
ABRBD-000	Four Leaf Barndoor, Broad
ABRCF-000	Color Frame, Broad
TAoCC-000	C-Clamp for 1 1/2" ID pipe
TAoCS-000	Combo Stud - Flat Yoke
A2KBD-000	Barndoor, 8" Fresnel
A2KSS-000	Set Single/Half Single Scrim - 8" 2K Fresnel (fits 10" diameter)
A2KTH-000	Top Hat 8"
LAMPS	
LoBVT-000	BVT 1000W 120V 3050K 500HR
LoBVV-000	BTV 1000W 120V 3200K 200HR
LoCWZ-000	CWZ 1500W 120V 3200K 325HR
LoBVW-000	BVW 2000W 120V 3200K 250HR

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