

6" Television Fresnel

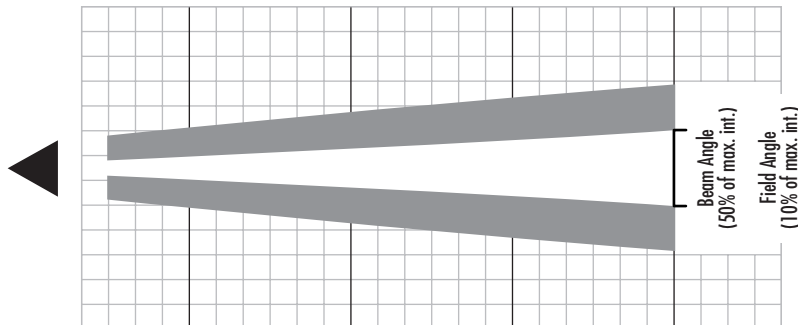


FEATURES

- 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 cool handling operations
- Torlon® insulators provide smooth focusing operation
- UL Listed, CSA Certified
- Split diamond socket for extreme durability

Spot Focus (Beam angle 6.9°, Field angle 13.9°)

Illumination* (footcandles/lux)	204/2272	115/1278	74/818	51/570
Diameter Beam: Field (feet/meters)	3.6/7.3:1.1/2.2	4.8/9.7:1.4/2.9	6.0/12.1:1.8/3.6	7.2/14.5:2.2/4.4
Distance (feet/meters)	30/9	40/12	50/15	60/18



Flood Focus (Beam angle 60.1°, Field angle 68.8°)

Distance (feet/meters)	9/3	12/4	15/5	18/6
Diameter Beam: Field (feet/meters)	10.4/12.3:3.5/4.1	13.9/16.4:4.6/5.5	17.4/20.5:5.8/6.8	20.8/24.6:6.9/8.2
Illumination* (footcandles/lux)	198/1776	111/1000	71/640	49/444

*All illumination data is measured at beam center

Photometric Performance: 1kW Fresnel 100-515, Lamp No. 176-097 1000W ANSI Code EGT. For field diameter at any distance, multiply that distance by .242 for spot and 1.369 for flood.

Spot Beam Candlepower - 184,000 **Flood Beam Candlepower** - 16,200

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

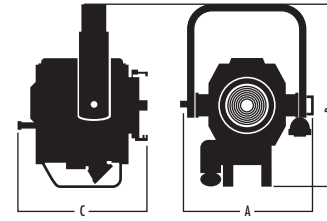


SPECIFICATIONS

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

MECHANICAL

- Optical Train consists of a medium bipost 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 bipost porcelain insulated: UL recognized for 250 volts, 1200 watts, 200°C continuous operation. Rated lamp seal temperatures are not exceeded.
- Performance with catalog number 176-097 (ANSI code EGT) lamp in a 13.9° field with 184,000 beam candlepower, in spot focus, and in flood focus a 68.8° field with 16,200 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



DIMENSIONAL DATA - IN. [CM] LBS. [KG]	
A	10.50 [26.67]
B	22.80 [57.90]
C	13.00 [33.00]
Weight	11.00 [4.95]

CAT. NO.	DESCRIPTION
FR1TV-50B	6" Television Fresnel with "C" Clamp, Color Frame, Safety Cable
FR1TV-22B	6" Television Fresnel with "C" Clamp, Color Frame, Safety Cable, Stage Pin Connector
FR1TV-42B	6" Television Fresnel with "C" Clamp, Color Frame, Safety Cable, Edison Connector
FR1TV-62B	6" Television Fresnel with "C" Clamp, Color Frame, Safety Cable, Twist-Lock Connector
ACCESSORIES	
ABRBD-000	Four Leaf Barndoor, Broad
ABRCF-000	Color Frame, Broad
AELCF-000	6" Color Frame
TAoCC-000	C-Clamp for 1 1/2" ID Pipe
TAoCS-000	Combo Stud - Flat Yoke
TAoSC-000	Safety Cable 30"
A1KBD-000	Barndoor, 6" Fresnel
LAMPS	
LoEGN-000	EGN 500W 120V 3200K 100HR
LoEGR-000	EGR 750W 120V 3200K 200HR
LoEGT-000	EGT 1000W 120V 3200K 250HR
LoFFS-000	FFS/WFL 1000W 120V 3200K 500HR PAR 64
LCP40-240	CP-40 1000W 240V 3200K
LCP40-220	CP-40 1000W 220V 3200K

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G-7974A/G12-tb
REV JUL 2012