

# Fresnel TV 8

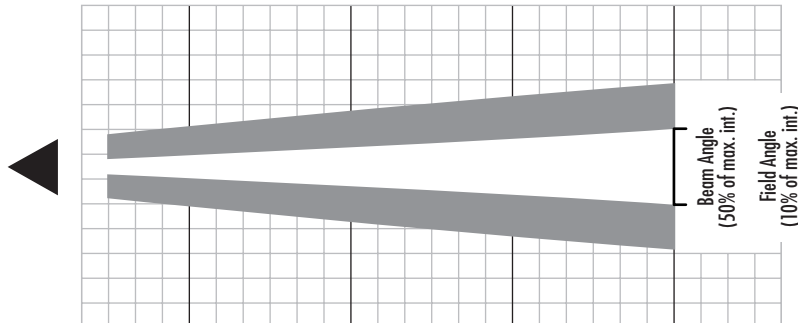


## FEATURES

- 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 8.1°, Field angle 15.1°)

Illumination* (footcandles/lux)	229/2342	121/1266	75/792	51/547
Diameter Beam: Field (feet/meters)	5.7/10.6:1.8/3.3	7.8/14.6:2.4/4.5	9.9/18.6:3.0/5.7	12.0/22.5:3.7/6.9
Distance (feet/meters)	40/12.5	55/17	70/21.5	85/26



### Flood Focus (Beam angle 58.5°, Field angle 67°)

Distance (feet/meters)	12.5/4	17.5/5.5	22.5/7	27.5/8.5
Diameter Beam: Field (feet/meters)	14/16.5:4.5/5.3	19.6/23.2:6.2/7.3	25.2/25.8:7.8/9.3	30.8/36.4:9.5/11.3
Illumination* (footcandles/lux)	230/2250	118/1190	71/735	48/498

\*All illumination data is measured at beam center

**Photometric Performance:** 2kW Television Fresnel 100-525, Lamp No. 176-075 2000W ANSI Code CYX. For field diameter at any distance, multiply that distance by .265 for spot and 1.32 for flood.

**Spot Beam Candlepower** - 58,000      **Flood Beam Candlepower** - 39,500

## Leviton Mfg. Co., Inc. Lighting Management Systems

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

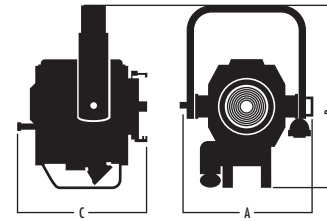


### SPECIFICATIONS

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

### MECHANICAL

- Optical Train consists of a one mogul bipost halogen lamp, one specular pure aluminum coated Alzak® reflector, and one low expansion fresnel lens mounted in a hinged door for rapid lamp replacement.
- Socket shall be mogul bipost steatite insulated with floating diamond, four point, nickel-plated forged brass contacts. UL recognized for 250 volts, 10,000 Watts, 200°C continuous operation. Rated lamp seal temperatures shall not be exceeded.
- Performance with catalog number 176-075 (ANSI code CYX) lamp in a 15.1° field with 358,000 beam candlepower, in spot focus, and in flood focus a 67° field with 39,500 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 3/6" 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
FR2TV-50B	8" 2kW Television Fresnel with "C" Clamp, Color Frame, Safety Cable
FR2TV-22B	8" Television Fresnel with "C" Clamp, Color Frame, Safety Cable, Stage Pin Connector
FR2TV-42B	8" Television Fresnel with "C" Clamp, Color Frame, Safety Cable, Edison Connector
FR2TV-62B	8" Television Fresnel with "C" Clamp, Color Frame, Safety Cable, Twist-Lock Connector
<b>ACCESSORIES</b>	
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-00	Set Single/Half Single Scrim - 8" 2K Fresnel (fits 10" diameter)
A2KTH-000	Top Hat 8"
<b>LAMPS</b>	
LoCYV-000	CYV 1000W 120V 3200K 200HR
LoCYX-000	CYX 2000W 120V 3200K
LCP41-220	CP-41 2000W 220V 3200K G-38
LCP41-240	CP-41 2000W 240V 3200K 400HR

LEVITON SPECIFICATION SUBMITTAL	
JOB NAME:	CATALOG NUMBERS:
JOB NUMBER:	

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