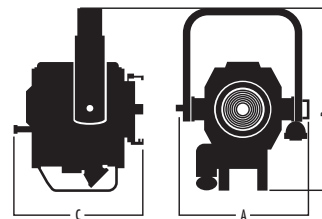


Features

- 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

2kW Television Fresnel



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]

2kW Television Fresnel

100-525

Specifications

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

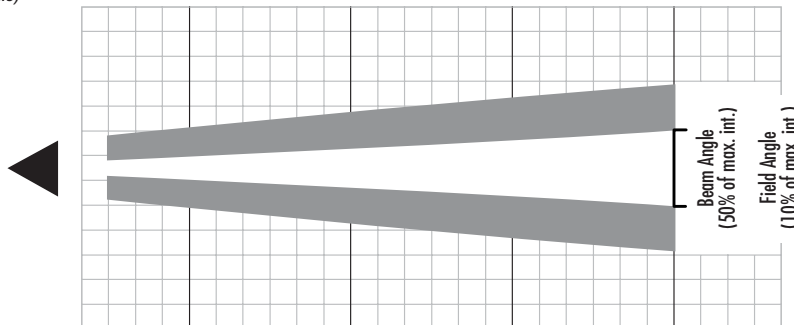
Mechanical

- 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 36" cable, 3 wire leads covered with black sleeving with connector as specified by option number below.

Spot Focus (Beam angle 8.1°, Field angle 15.1°)

Option	229/2342	121/1266	75/792	51/547
Illumination* (footcandles/lux)				
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°)

Option	12.5/4	17.5/5.5	22.5/7	27.5/8.5
Distance (feet/meters)				
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

Beam Candlepower

Spot	358,000
Flood	39,500

Description

Cat. No.

2kW Fresnel with wire lead only	100-525
2kW Fresnel with 20A, 2-pole, 3-wire grounding pin	OPT-00002
2kW Fresnel hanging model with 36" cable and household U-ground termination	OPT-00004
2kW Fresnel with 20A, 2-pole, 3-wire grounding twistlock NEMA L5-20P	OPT-00006
2kW Fresnel with variation on standard (describe)	OPT-00007

Accessories

Cat. No.

Diffusion Frame	120-015
Safety Cable	138-059
Eight Leaf Barndoor	118-032
Set, Single, Half/Single Scrim	122-148
Combo Stud for Flat Yoke	138-045
6" High Hat	138-051
Compact Stand	152-052
Compact Stand (castered)	152-053

Lamps

Cat. No.

2000W, 120V, 3200°K, 200 Hrs., ANSI Code CYX	176-075
1500W, 120V, 3200°K, 200 Hrs., ANSI Code CXZ	176-157
1000W, 120V, 3200°K, 100 Hrs., ANSI Code CYV	176-161
2000W, 240V, 3200°K, 400 Hrs., Code CP41, G38	476-065
2000W, 220V, 3200°K, 400 Hrs., Code CP41, G38	476-066

Specifications subject to change without notice

