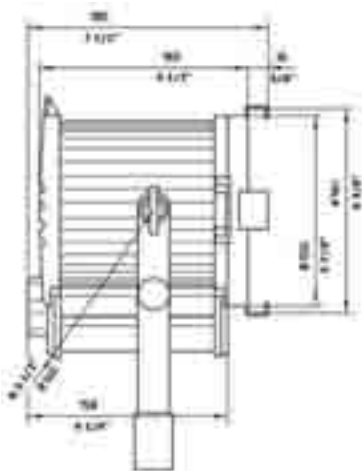
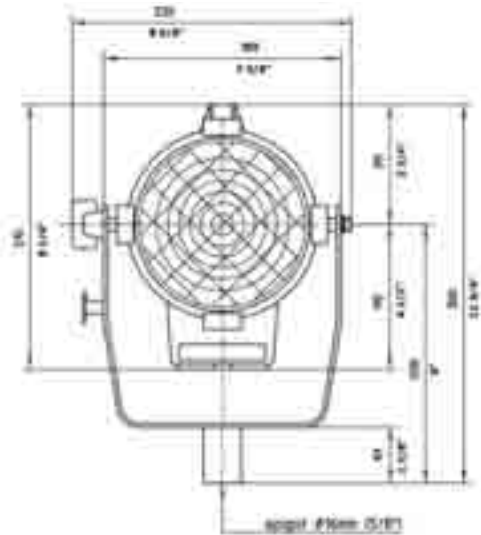


# 650W Plus Fresnel



| Cat. No. | Description                             |
|----------|---|
| 531600   | 650W Plus Fresnel, Stand Model          |
| 531601   | 650W Plus Fresnel, Hanging Model        |
| 531602   | 650W Plus Fresnel, Stand Model, Black   |
| 531603   | 650W Plus Fresnel, Hanging Model, Black |
| 531605   | 650W Plus Fresnel, Pole Operated        |
| 531610   | Four Leaf Barndoor                      |
| 531615   | Eight Leaf Barndoor                     |
| 531620   | Filter Frame                            |
| 531630   | Snoot                                   |
| 531650   | 6 5/8" Full Single Scrim                |
| 531651   | 6 5/8" Half Single Scrim                |
| 531652   | 6 5/8" Full Double Scrim                |
| 531653   | 6 5/8" Half Double Scrim                |
| 571712   | Scrim Bag                               |
| 853276   | Safety Cable                            |
| 571740   | 1800W Digital Dimmer                    |
| 571194W  | Compact 3-Light Case with wheels        |
| 571197   | Heavy Duty Case                         |

## Lamps

| Code               | FKW  | CP81 | FKW  | CP89 |
|--------------------|------|------|------|------|
| Watts              | 650  | 500  | 300  | 650  |
| Volts              | 120  | 120  | 120  | 230  |
| Color Temp (K)     | 3200 | 3200 | 3200 | 3200 |
| Approx. Life (hrs) | 150  | 150  | 150  | 150  |

## Specifications

|               |  |
|---------------|--|
| Weight        | 7.2 lbs. (3.3 kg)  |
| Cable         | 25 ft. (7.6 m) cable with inline switch; Hanging model with 2.5 ft. (0.8 m) cable w/o switch |
| Lens Diameter | 4.3" (110 mm) low expansion borosilicate Fresnel lens  |
| Reflector     | Spherical specular high purity aluminum  |
| Lampholder    | GY9.5  |
| Mounting      | 5/8" (16 mm) stand mount; Hanging model with pipe clamp                                      |

## Photometric Data with FRK 650W Lamp

| Distance                           | 5 ft. (1.5 m)   | 10 ft. (3.0 m)   | 15 ft. (4.6 m)   | 20 ft. (6.1 m)   | 25 ft. (7.6 m)   |
|------------------------------------|-----------------|------------------|------------------|------------------|------------------|
| <b>Spot Focus Beam Angle 13°</b>   |                 |                  |                  |                  |                  |
| Footcandles                        | 2110            | 528              | 234              | 132              | 84               |
| Beam Diameter                      | 1.1 ft. (0.3 m) | 2.3 ft. (0.7 m)  | 3.4 ft. (1.0 m)  | 4.6 ft. (1.4 m)  | 5.7 ft. (1.7 m)  |
| <b>Medium Focus Beam Angle 30°</b> |                 |                  |                  |                  |                  |
| Footcandles                        | 910             | 228              | 101              | 57               | 36               |
| Beam Diameter                      | 2.7 ft. (0.8 m) | 5.4 ft. (1.6 m)  | 8.0 ft. (2.4 m)  | 10.7 ft. (3.3 m) | 13.4 ft. (4.1 m) |
| <b>Flood Focus Beam Angle 54°</b>  |                 |                  |                  |                  |                  |
| Footcandles                        | 430             | 108              | 48               | 27               | 17               |
| Beam Diameter                      | 5.1 ft. (1.6 m) | 10.2 ft. (3.1 m) | 15.3 ft. (4.7 m) | 20.4 ft. (6.2 m) | 25.5 ft. (7.8 m) |

### Spot Performance at any distance:

Footcandles (or lux) = 52,800 ÷ Distance<sup>2</sup>      Beam Diameter = Distance x 0.23

### Medium Performance at any distance:

Footcandles (or lux) = 22,800 ÷ Distance<sup>2</sup>      Beam Diameter = Distance x 0.54

### Flood Performance at any distance:

Footcandles (or lux) = 10,900 ÷ Distance<sup>2</sup>      Beam Diameter = Distance x 1.02