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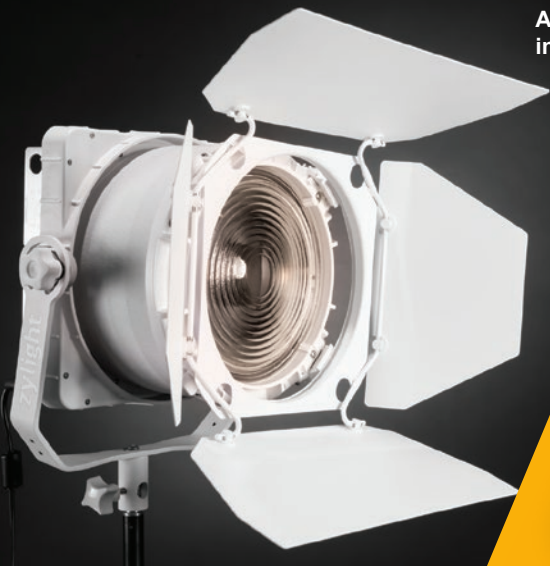
# The F8-100

INTELLIGENT LED LIGHTING

## The Flat Fresnel



Also available  
in WHITE



- High CRI, High TLCI LED Light Engine
- Passive Cooling - Fanless, Silent Operation
- Thin, Lightweight & Award Winning Design
- Water Resistant IP54 Rated
- 3200K, 5600K and Blacklight Versions
- Variable Spot/Flood
- Single Shadow Beam Shaping
- 14.4v Battery or Worldwide AC Power
- Rugged - Durable - Precise

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# The F8-100

## The Flat Fresnel

### It's Not Just Flat, it's Flexible

It may be the "Flat Fresnel," but the light quality of the F8-100 is anything but dull. The fully dimmable F8-100 uses an included AC power supply or a standard 14.4V camera battery, collapses to less than five inches thick (12cm), and is water resistant (IP54) so it's great for ENG. Plus, it features traditional Fresnel beam shaping, spot to flood operations, and custom barn doors. Perfect for studio or field use.

#### F8 Fresnel Specifications

##### Mechanical

Lens Diameter: 8" [200 mm]  
 Size: 15" x 12.6" x 4.6"  
 [380 x 320 x 120 mm]  
 Weight: 9.5 lbs. [4.3 kg]  
 Mounting: Standard Yoke  
 Pole Yoke Mount (Optional)  
 Weather Resistance: IP54

##### Electrical

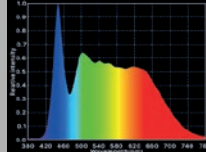
Input: 10 - 20VDC, 4 - Pin XLR,  
 14.4 V Battery Plate (Optional)  
 Power: 100W (8.0 Amps @ 14.4VDC)  
 Cooling: Passive/Silent

##### Output

Beam Angle: Variable 16° - 70°  
 Dimming: 0 - 100%  
 Control: Rear Panel Local,  
 ZyLink Wireless, DMX512A.  
 Color Temperature: F8-T (3200K), F8 - D (5600K)  
 LED Life: 50,000 hrs. minimum.

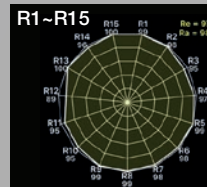
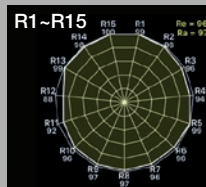
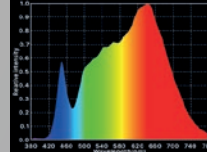
#### F8-D

##### Spectrum



#### F8-T

##### Spectrum



#### Photometric Data

##### F8-100

|          | 5ft<br>1.5m | 10ft<br>3m | 15ft<br>4.6m | 20ft<br>6.1m | 25ft<br>7.6m |
|----------|-------------|------------|--------------|--------------|--------------|
| 70°      | 388.1 fc    | 86.6 fc    | 38.1 fc      | 21.9 fc      | 14.9 fc      |
| 16°      | 1955.6 fc   | 362.7 fc   | 218.7 fc     | 123.9 fc     | 79.8 fc      |
| Daylight | 1868.1 fc   | 347.5 fc   | 209.9 fc     | 118.9 fc     | 76.6 fc      |
| Tungsten | 365.7 fc    | 83.1 fc    | 201.5 fc     | 21.0 fc      | 14.2 fc      |

Form No. F8-100/1217

Specifications may be subject to change without prior notice. Refer to [www.ushio.com](http://www.ushio.com) for the most current product specifications.

