



## FRESNELITE 6" & 8" 500, 750, 1000/2000W

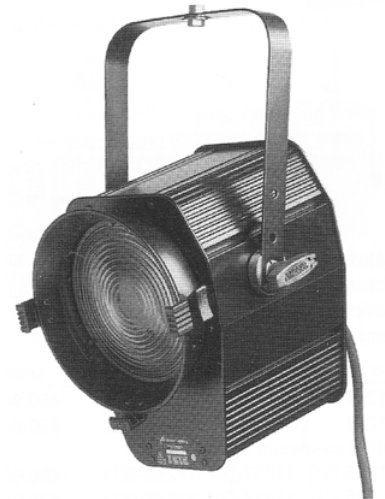
- High-output Fresnels
- Lightweight extruded aluminum body
- 1000W and 2000W
- Vented lens door
- Smooth and concise spot-to-flood adjustment
- All handles thermally insulated
- Barndoor optional extra
- Bi-post socket version available. Ideal for small television studios particularly low-power, educational and in-house commercial and industrial facilities
- Supplied in black finish with mounting yoke with C-clamp, and 3' (0.9m) power cable with bare leads or connector specified
- Can be used for 220V operation (*Consult factory*)
- UL cUL listed



6" Fresnel

### Weights and Dimensions

	Fresnelite 6"		Fresnelite 8"	
Weight	10.5lbs	(4.8kg)	17.0lbs	(7.7kg)
Length	12.1"	(307mm)	14.4"	(366mm)
Width	10.2"	(259mm)	12.7"	(323mm)
Height	12.3"	(312mm)	16.7"	(424mm)
Packed weight	14.0lbs	(6.4kg)	21.0lbs	(9.5kg)
Packed length	15.5"	(394mm)	18.25"	(463.5mm)
Packed width	15.5"	(394mm)	18.25"	(463.5mm)
Packed height	15.5"	(394mm)	18.75"	(476mm)
Color Frame size	Fresnelite 6"	7.5" x 7.5" (190 x 190mm)	Fresnelite 8"	10 <sup>1</sup> / <sub>8</sub> " x 10 <sup>1</sup> / <sub>8</sub> " (257 x 257mm)



8" Fresnel

# Fresnel Spotlights



# Strand Theatre Lighting

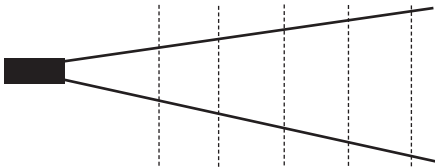
## Photometric Data

Typical performance based on BTR/EGT 1000W lamp, 3200K(6") & CYX 2000W lamp, 3200K(8")

### Fresnelite 6": spot

Spot focus 1/2 Pk Angle 7° - 1/10 Pk Angle 14°

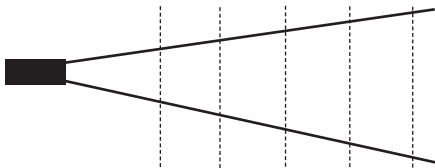
Distance (ft)	20	25	30	35	40
Beam Ø (ft)	2.1	2.6	3.1	3.7	4.2
Illum (FC)	330	210	145	110	85



### Fresnelite 6": flood

Flood focus 1/2 Pk Angle 59° - 1/10 Pk Angle 68°

Distance (ft)	5	10	15	20	25
Beam Ø (ft)	5.6	11.3	17	23	28
Illum (FC)	610	150	70	40	25



## Operational features

### Lamp access

Through side-hinged lens door.

### Focus adjustment

Insulated sweep arm at rear of lamp housing. Position indicated by a calibrated label.

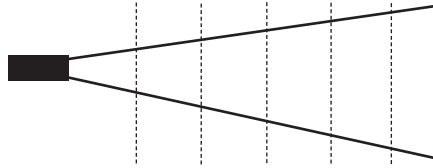
### Pan/Tilt

Pivot around C-clamp stud placed in center of yoke locked by C-clamp pivot locking nut. Tilt adjustment by means of pivots on either side of yoke, locked by T-handle on friction plate.

### Fresnelite 8": spot

Spot focus 1/2 Pk Angle 8° - 1/10 Pk Angle 16°

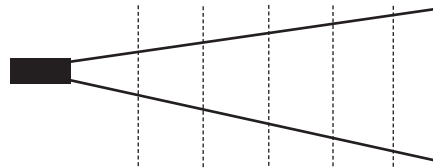
Distance (ft)	35	40	45	50	55
Beam Ø (ft)	4.9	5.6	6.3	7	7.7
Illum (FC)	240	180	145	115	95



### Fresnelite 8": flood

Flood focus 1/2 Pk Angle 59° - 1/10 Pk Angle 68°

Distance (ft)	20	25	30	35	40
Beam Ø (ft)	27	33.7	40.5	47.2	54
Illum (FC)	88	56	39	29	22



## Electrical & mechanical data

### Paint/Finish

Exterior finish is black baked enamel.

### Lamp house

The housing is constructed of ribbed extruded aluminum sides between pressed steel cover plates.

### Lens

6 inch (152mm) borosilicate fresnel or 8 inch (202mm).

### Mounting /Suspension

Steel yoke assembly with malleable iron C-clamp.

### Supply voltage

120V/220V 50/60Hz

### Standards compliance

UL/CSA approved.

## Ordering information Fresnelite 6" & 8"

Compact Fresnel spotlights with a smooth, soft-edged beam. In two versions: with medium pre-focus socket, or bi-post (TV) socket. Uses 1000W and 2000W lamps. Supplied with C-clamp.

### Cat No Description

12081	Fresnelite, 6" Fresnel
12091	Fresnelite, 6" Bi-post socket Fresnel
12181	Fresnelite, 8" Fresnel
12191	Fresnelite, 8" Bi-post socket Fresnel

### Optional Accessories

BTM	500W 120V lamp, for 12081
BTN	750W 120V lamp, for 12081
BTR	1000W 120V lamp, for 12081
CP52	1000W 220V lamp, for 12081
EGN	500W 120V lamp, for 12091
EGR	750W 120V lamp, for 12091
EGT	1000W 120V lamp, for 12091
CP40	1000W 220V lamp, for 12091
18105	Additional color frame, 6" Fresnelite
18108	High hat, 6" Fresnelite
18127	Accessory Safety clip, 6" Fresnelite
18118	Barndoor 8-way, 6" Fresnelite
BVT	1000W 120V lamp, for 12181
CWZ	1500W 120V lamp, for 12181
BVW	2000W 120V lamp, for 12181
CYV	1000W 120V lamp, for 12181
CXZ	1500W 120V lamp, for 12191
CYX	2000W 120V lamp, for 12191
CP41	1000W 220V lamp, for 12191
18109	Additional color frame, 8" Fresnelite
18111	High hat, 8" Fresnelite
18128	Accessory Safety clip, 8" Fresnelite
18119	Barndoor 8-way, 8" Fresnelite
82003	Safety cable, 18" (457mm)

## Strand Lighting Inc

6603 Darin Way, Cypress, CA 90630, USA  
Tel: +1 714 230 8200 Fax +1 714 230 8173

## Strand Lighting (Canada) Inc Eclairages Strand (Canada) Inc

2430 Lucknow Drive No 15  
Mississauga Ontario L5S 1V3 Canada  
Tel: +1 905 677 7130 Fax: +1 905 677 6859



The Company reserves the right to make any variation in design or construction to the equipment described.  
© Strand Lighting Ltd. 2002  
Strand™, Strand Lighting™, Strand Quartzcolor™ are trademarks of Strand Lighting Limited and Strand Lighting Inc.