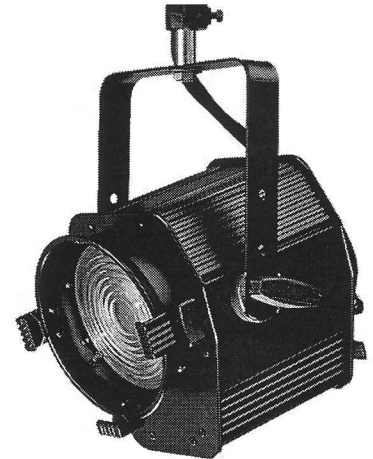




FRESNELITE 6" & 8" 500, 750, 1000/2000W

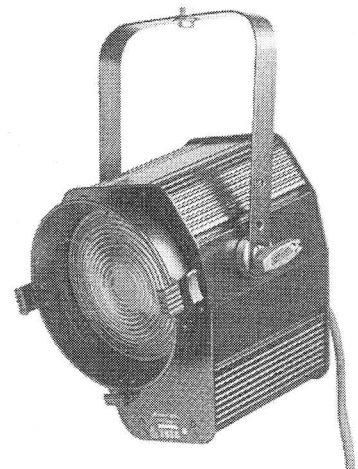
- High-output Fresnels
- Lightweight extruded aluminum body
- 1000W and 2000W
- Vented lens door
- Smooth and concise spot-to-flood adjustment
- All handles thermally insulated
- Barndoor optional extra
- Bi-post socket version available. Ideal for small television studios particularly low-power, educational 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 8"		Fresnelite 6"	
Weight	17.0lb	(7.7kg)	10.5lb	(4.8kg)
Length	14.4"	(366mm)	12.1"	(307mm)
Width	12.7"	(323mm)	10.2"	(259mm)
Height	16.7"	(424mm)	12.3"	(312mm)
Packed weight	21.0lb	(9.5kg)	14.0lb	(6.4kg)
Packed length	18.25"	(463.5mm)	15.5"	(394mm)
Packed width	18.25"	(463.5mm)	15.5"	(394mm)
Packed height	18.75"	(476mm)	15.5"	(394mm)
Color Frame size	Fresnelite 8" 10 ¹ / ₈ " x 10 ¹ / ₈ " (257 x 257mm)		Fresnelite 6" 7.5" x 7.5" (190 x 190mm)	



8" Fresnel

Fresnel Spotlights



Strand Theatre Lighting

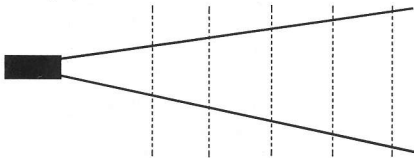
Photometric Data

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°

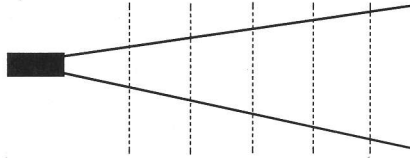
Distance (ft)	20	25	30	35	40
Beam Ø (ft)	2.1	2.6	3.1	3.7	4.2
Illum (FC)	330	210	145	110	85



Fresnelite 8": spot

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

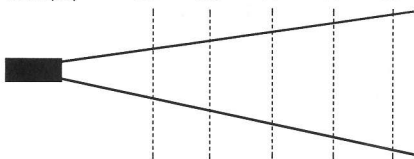
Distance (ft)	35	40	45	50	55
Beam Ø (ft)	4.9	5.6	6.3	7	7.7
Illum (FC)	240	180	145	115	95



Fresnelite 6": flood

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

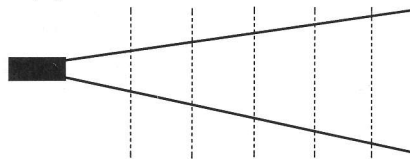
Distance (ft)	5	10	15	20	25
Beam Ø (ft)	5.6	11.3	17	23	28
Illum (FC)	610	150	70	40	25



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



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.

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

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

Optional Accessories

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
P/1210	High hat, 8" Fresnelite
18128	Accessory Safety clip, 8" Fresnelite
18119C	Barndoor 8-way, 8" Fresnelite
82003	Safety cable, 18" (457mm)
BTM	500W 120V lamp, for 12081
BTN	750W 120V lamp, for 12081
BTR	1000W 120V lamp, for 12081
1408C	Barndoor 4-way, 8" Fresnelite
EGN	500W 120V lamp, for 12091
EGR	750W 120V lamp, for 12091
EGT	1000W 120V lamp, for 12091
1406C	Barndoor 4-way, 6" Fresnelite
18105	Additional color frame, 6" Fresnelite
18140	High hat, 6" Fresnelite
18127	Accessory Safety clip, 6" Fresnelite
18118C	Barndoor 8-way, 6" Fresnelite

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