



Strand Lighting

PRODUCT DATA

Fresnelite 8"

Compact Fresnel spotlight 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.

☑ 1000W ☑ 120V ◀ 14° - 68° ⚖ 17.0lbs. (7.7kg)
* 165 FC (1830 lux) ◀ 50' (15m) ✕ 10¹/₈" x 10¹/₈"
(257 x 257mm) 📦 21lbs. (9.5kg) 📦 4.0 Cu.ft.
(0.11m³) ✓ UL, CSA

Cat. No. Description

12181	Fresnelite, 8" Fresnel
12191	Fresnelite, 8" Bi-post socket Fresnel

Fitted Connector Options

12187	GP (20A)
12197	GP (20A)
12188	GTL (20A)
12198	GTL (20A)

Fresnelite Accessories

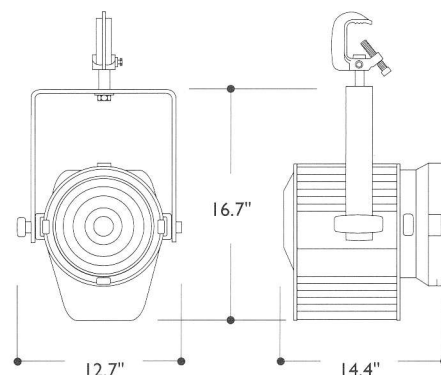
Cat. No.	Description
BVT	1000W 120V lamp, for 3480
CWZ	1500W 120V lamp, for 3480
BVW	2000W 120V lamp, for 3480
CYW	1000W 120V lamp, for 3480
CXZ	1500W 120V lamp, for 3480TV
CYX	2000W 120V lamp, for 3480TV
CP41	1000W 220V lamp, for 3480TV
18109	Additional color frame, 8" Fresnelite
18111	High hat, 8" Fresnelite
12128	Accessory Safety clip, 8" Fresnelite
18119	Barndoor 8-way, 8" Fresnelite
82003	Safety cable, 18" (457mm)

1.2.7

SPOTLIGHTS

FRESNELITE® 8" 1000W & 2000W

Fresnelite 8"



- High-output inexpensive 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 (Not 4380)
- UL/CSA approved

A GUIDE TO SYMBOLS AND ABBREVIATIONS

GENERAL ☑ Supply voltage ☑ Current rating ⚖ Weight of product 📦 Packed weight 📦 Packed volume
▪ Overall dimension of product ✓ Compliance with international standards. ☑ Watts (maximum recommended) ◀ Beam angle (Half-peak angles for Fresnels and PCs. Cut-off angles for ellipsoidal spotlights)
◀ Throw (usual working distance from subject in feet) * Illuminance (maximum FC at throw distance stated with lamp recommended or supplied) ✕ Color filter cut size TV Fitted with yoke complete with C-clamp for hanging from studio grid IP International Protection Standard UL Underwriters Laboratory CSA Canadian Standards Authority

Photometric Data

Typical performance based on BVW 2000W lamp, 250 Hrs., 3200K

Fresnelite 8"

Spot focus 1/2 Pk Angle 8° - 1/10 Pk Angle 14°

Throw (ft)	20		25		30		35		40	
	FC	Ø	FC	Ø	FC	Ø	FC	Ø	FC	Ø
	336	8.6	258	9.8	203	11.1	165	12.3	136	13.5

Flood focus 1/2 Pk Angle 62° - 1/10 Pk Angle 68°

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

Typical performance based on CYX 2000W lamp, 300 Hrs., 3200K

Fresnelite 8"TV

Spot focus 1/2 Pk Angle 7.8° - 1/10 Pk Angle 16°

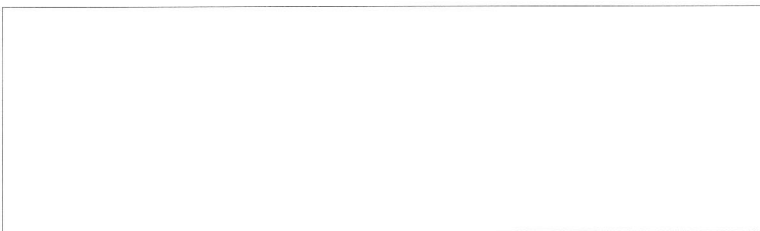
Throw (ft)	20		25		30		35		40	
	FC	Ø	FC	Ø	FC	Ø	FC	Ø	FC	Ø
	174	9.8	133	11.2	105	12.6	85	14.1	70	15.5

Flood focus 1/2 Pk Angle 58.6° - 1/10 Pk Angle 70.2°

Throw (ft)	20		25		30		35		40	
	FC	Ø	FC	Ø	FC	Ø	FC	Ø	FC	Ø
	146	21.1	82	28.1	53	35.1	36	42.2	26	49.2

Ø Beam diameter in feet.

The Company reserves the right to make any variation in design or construction to the equipment described.
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Lamp Data

Order lamps for replacement to the following specifications

Fresnelite 8"	120V	120V	120V
Watts	2000W	1000W	1000W
Designation	BVW	BVT	CP4I
Base	Med Pf	Med Pf	Bi-post
Lumens	59000	23000	52000
Rated Life-Hours	250	500	500
Color Temperature	3200K	3050K	3200K
Performance Multiplication Factor	1	.4	.9
Fresnelite 8"TV	120V	120V	220V
Watts	2000	1000	2000
Designation	CYX	CYV	CP4I
Base	Bi-post	Bi-post	Bi-post
Lumens	59000	28500	52000
Rated Life-Hours	400	200	500
Color Temperature	3200K	3200K	3200K
Performance Multiplication Factor	1	.57	.9

Electrical Data

Supply Voltage	120V/220V 50/60Hz.
Max Lamp Watts	2000W.
Lamp Type/Socket	Mogul Pre-focus Fresnelite 8" Bi-post G22 Fresnelite 8" TV.
Cable/connections	3ft Lead in glass fiber sleeve.
Standards	UL/CSA approved.
Compliance	

Environmental Data

Max Operating Ambient Temp	115°F
Max Surface Temperature	400°F
IP Rating	IP20.
Tilt/Permitted angles of use	+90° 0 -90°.

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.
Reflector	Polished anodised aluminum.
Mounting /Suspension	Steel yoke assembly with malleable iron C-clamp.

Weights and Dimensions

Weight	17.0lb (7.7kg)
Length	14.4" (366mm)
Width	12.7" (323mm)
Height	16.7" (424mm)
Packed weight	21.0lb (9.5kg)
Packed length	18.25" (463.5mm)
Packed width	18.25" (463.5mm)
Packed height	18.75" (476mm)
Color Frame size	10 1/8" x 10 1/8" (257 x 257mm)

Operational Data

Lamp Access	Through side-hinged lens door.
Focus Adjustment	Insulated sweep arm at rear of lamp housing. Position indicated by a calibrated label.
Pan	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.