

FRESNELITE® spotlight

STRAND
CENTURY 3413

8" x 5" - 1000/2000W.

Long Life Tungsten Halogen (Quartz) Lamp



- High intensity, variable spread, soft edged beam using choice of new single ended Tungsten Halogen lamps.
- Century special heat resistant Fresnels to provide a wide range of variability from narrow spot to wide flood.
- Focal slide with rapid screw feed, externally operated for quick, smooth focusing from flood to spot. Excellent barn-dooring characteristics.
- Specially designed patterned specular Alzak reflector, mounted on the movable burner, engineered for maximum light gathering and reflectivity.
- Rugged well ventilated steel housing, with hinged front door for easy access to lamp.
- Yoke locking device easily operated by hand.
- Heavy duty C-clamp and asbestos covered leads.

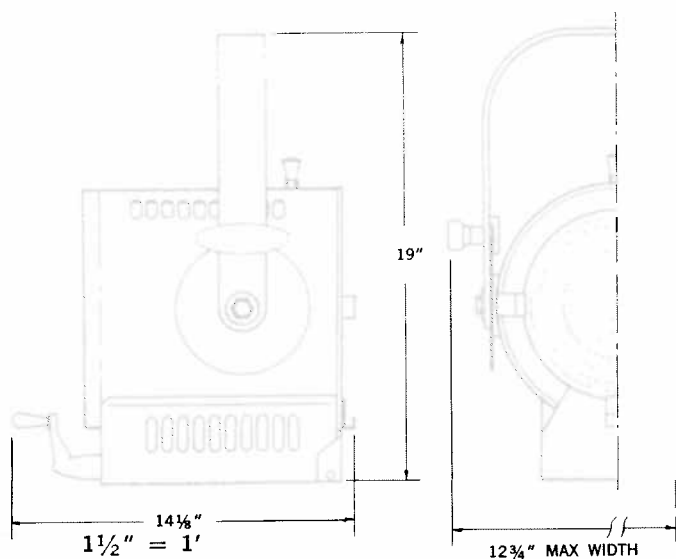
UP TO 35 FT. HIGH EFFICIENCY, SOFT EDGED BEAM PERFORMANCE
FOR KEY AND BACKLIGHTING IN THEATRE AND TELEVISION STUDIOS

CATALOG NUMBER	FRESNELENS	CHOICE OF LAMPS	VARIABLE SPREAD
3413	8" x 5"	BVT - 1000W. - 500 hrs. BVV - 1000W. - 200 hrs. BVW - 2000W. - 200 hrs.	16° to 33°
Units supplied standard with 2 wire leads. For 2 wire pin connector; add P to Catalog No. For 2 pole twistlock; add TL to Catalog No. For 3 wire leads add G to Catalog No. For 3 wire leads and 3 pole pin connector; add GP to Catalog No. For 3 wire leads and 3 pole twistlock; add GTL to Catalog No.			
ACCESSORIES	DESCRIPTION		
13330	High Hat		
13130	Two Way Barn Door		
13230	Four Way Barn Door		
14330	5'-8' Stand, 18" Diam. Base		
14350	5'-8' Stand, 14" Castored Legs		
14780	24" Sidearm with 2 pc. Clamp for 1½" Pipe and Sliding Tee		
14750	15" Sidearm with T-Clamp for 1½" Pipe and Sliding Tee		
14710	7½" Bracket for Wall Mounting		
13620	6" Diam. Round Base		
12620	Wide Spread Lens		
12100	Stripped Glass Filter (specify color)		
11100	Gelatine or Cinemoid or SGD Color Frame		

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PHOTOMETRIC DATA

SPECIFICATIONS

WATTAGE & LAMPS: 1000W. T-7 or 2000W. T-11 mogul pre-focus base Tungsten Halogen (Quartz) single ended lamps.

REFLECTOR: 7" diameter, spherical, specular Alzak, mounted on adjustable burner.

LENS: 8" x 5" Century heat resisting Fresnelens.

HOUSING: Well ventilated rugged steel housing with hinged front door for easy access to lamp. Door provided with color frame or barn door holders.

BURNER: Readily movable from spot to flood focus by means of rapid screw feed rod with rear crank.

FINISH: Baked gray enamel.

MOUNTING: Heavy band iron yoke with locking disc and dog, provided with malleable iron C-clamp to grip up to 2" pipe.

WIRING: 3' extra flexible asbestos leads (Type AA) secured by strain relief bushings.

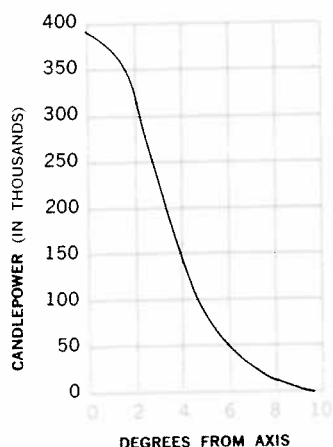
UNION MADE/I.B.E.W.-A.F.L. labeled

				MAXIMUM FOOTCANDLES Center of Beam					SPOT FOCUS		INITIAL FOOTCANDLES BVW lamp						
LAMP A. S. I. CODE	WATTS	RATED HOURS LIFE	COLOR TEMP °K	DISTANCE					THROW DISTANCE		DISTANCE FROM AXIS						
				20'	30'	40'	50'	60'			0'	1'	2'	3'	4'	5'	6'
BVT	1000	500	3050	450	204	112	71	51	20'		980	588	111	15			
BVV	1000	100	3200	537	244	134	85	61	30'		433	360	160	51	12.5		
BVW	2000	200	3200	980	433	245	154	108	40'		245	208	147	78	29	14	
									50'		154	149	123	75	45	18	9
									60'		108	105	91	67	43	27	15
DIAM. OF AREA LIGHTED				5.8'	8.7'	11.5'	14.5'	17.4'									
BEAM ANGLE 9°				FIELD ANGLE 16°													
Where intensity drops to 50% of maximum				Where intensity drops to 10% of maximum													

				MAXIMUM FOOTCANDLES Center of Beam					FLOOD FOCUS		INITIAL FOOTCANDLES BVW lamp						
LAMP A. S. I. CODE	WATTS	RATED HOURS LIFE	COLOR TEMP °K	DISTANCE					THROW DISTANCE		DISTANCE FROM AXIS						
				20'	25'	30'	35'	40'			0'	3'	6'	9'	12'	15'	
BVT	1000	500	3050	66	43	31	20	16	20'		172	123	45				
BVV	1000	100	3200	79	51	37	24	19	25'		106	86	53	7.2			
BVW	2000	200	3200	172	106	74	55	43	30'		74	62	50	20	1.5		
									35'		55	46	39	32	7.2		
									40'		43	36	31	23	11	1.7	
DIAM. OF AREA LIGHTED				12'	15'	18'	21'	24'									
BEAM ANGLE 21°				FIELD ANGLE 33°													
Where intensity drops to 50% of maximum				Where intensity drops to 10% of maximum													

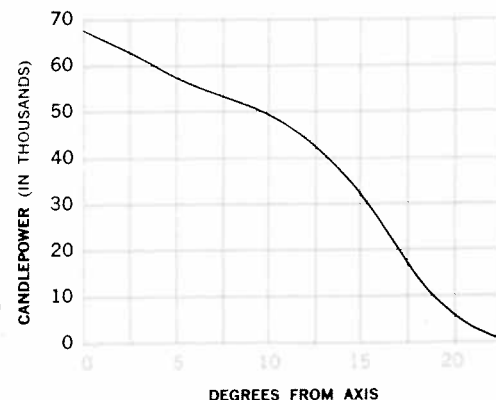
SPOT FOCUS

Lamp BVW, 2000W.
Beam Angle* 9°
Beam Lumens 4820
Field Angle** 16°
Field Lumens 7475



FLOOD FOCUS

Lamp BVW, 2000W.
Beam Angle* 21°
Beam Lumens 8200
Field Angle** 33°
Field Lumens 11,450



*Where intensity drops to 50% of maximum
**Where intensity drops to 10% of maximum



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