

Catalog number 366
500-1000 watt

8" ellipsoidal



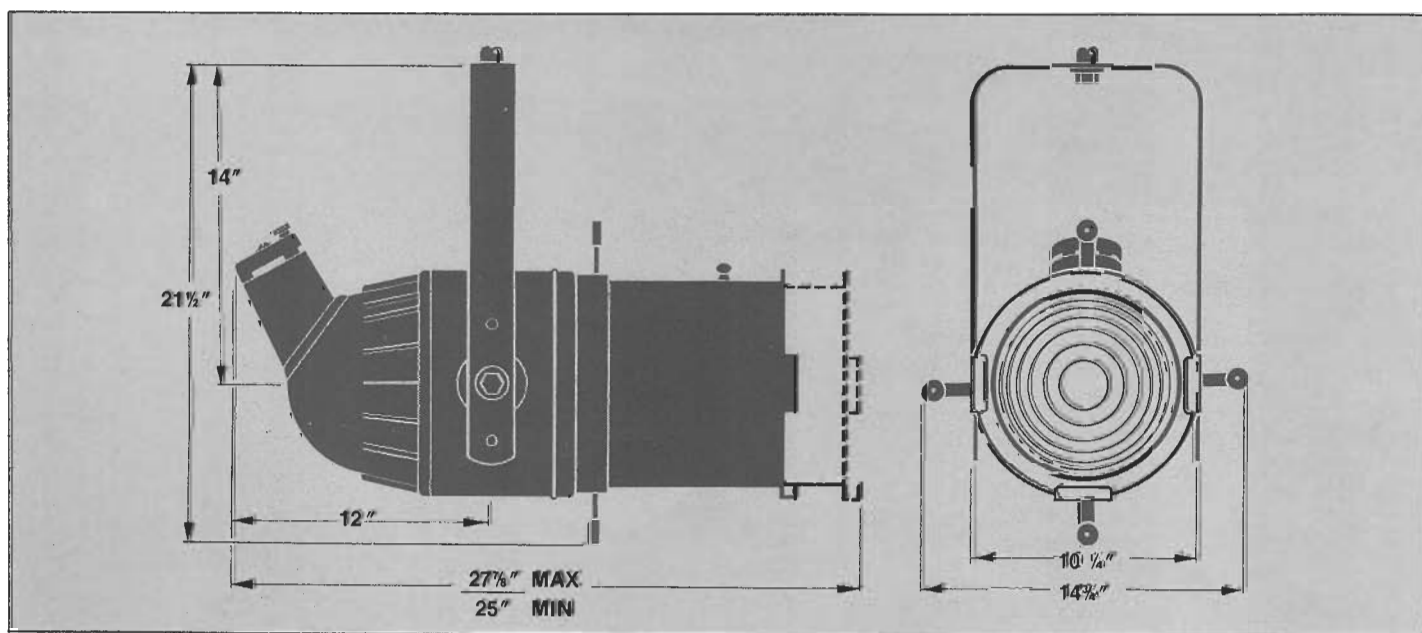
8 x 8

A compact, lightweight ellipsoidal spotlight which produces a high intensity sharp or soft edged beam. The 8 x 8 inch convex stepped lens optical system produces a narrow beam approximately 13 feet in diameter for a 40 foot throw.

The 366 is designed for incandescent lamps as well as the tungsten halogen incandescent replacement lamps. Four adjustable integral stainless steel framing shutters provide beam shaping ability and the pattern slot and holder provide the ability to project visual images. While primarily designed for theatre applications, the 366 is also useful in displays, show windows, museums and night clubs where precision controlled accent lighting is desirable.

Features

- ★ An 8x8 inch convex stepped lens
- ★ Aluminum die cast and sheet metal construction
- ★ Medium prefocus socket
- ★ Annular ringed specular Alzak aluminum reflector
- ★ Three 36 inch Teflon lead wires
- ★ Pipe clamp for 3/4 to 1 1/2 inch pipe included
- ★ Plated steel color frame included
- ★ Safety cable with spring clip included
- ★ Underwriters Laboratory listed for up to 750 watts



ALTMAN STAGE LIGHTING CO., INC.

57 Alexander Street, Yonkers, NY 10701 Phone (914) 476-7987 or (212) 569-7777

Specifications

The luminaire shall be a 500 to 1000 watt ellipsoidal reflector spotlight with a medium prefocus socket to accept an off axis mounted incandescent or tungsten halogen lamp, an annular ringed specular Alzak aluminum reflector, four stainless steel framing shutters and a pattern holder and slot mounted in a die cast aluminum and sheet metal housing. An 8x8 inch convex stepped lenses shall be housed in an adjustable steel lens tube complete with a positive locking thumb screw for slide adjustment for beam edge definition. The lens tube shall be equipped with sheet steel color frame holders on two sides and bottom. A hinge and thumb screw assembly shall attach lens tube to reflector and lamp housing, and shall open fully for reflector cleaning. All ventilating holes shall be baffled to minimize light leaks.

Relamping shall be accomplished by removing the adjustable lamp and socket assembly, which shall be locked in place by means of a thumb screw. Relamping shall be accomplished without disturbing the prefocused lamp alignment.

Luminaire shall be supplied with a malleable iron pipe clamp suitable for installation on 3/4" to 2" O.D. pipe, a color frame, pattern holder, a rigid strap iron yoke, a safety cable with spring clip, a spring tension side locking wheel and a 3 foot, three wire Teflon lead encased in black fiberglass tubing. Exterior finish shall be baked brown hammertone enamel.

The light output of the luminaire with the socket adjusted for maximum performance with a cosine distribution using the lamp operated at rated lumens shall have a 19 degree beam to the edge of the field. This beam shall produce a 13 foot diameter spot at a distance of 40 feet with a center intensity of 100 footcandles. The luminaire shall be UL listed and labeled for use with up to a 750 watt lamp.

Accessories

Supplied with luminaire

366 PC	malleable iron pipe clamp
366 CF	color frame
366 PH	pattern holder
366 SC	safety cable with spring clip
366 LT 8x8	lens tube with stepped lens and thumb screw

Modified Luminaire

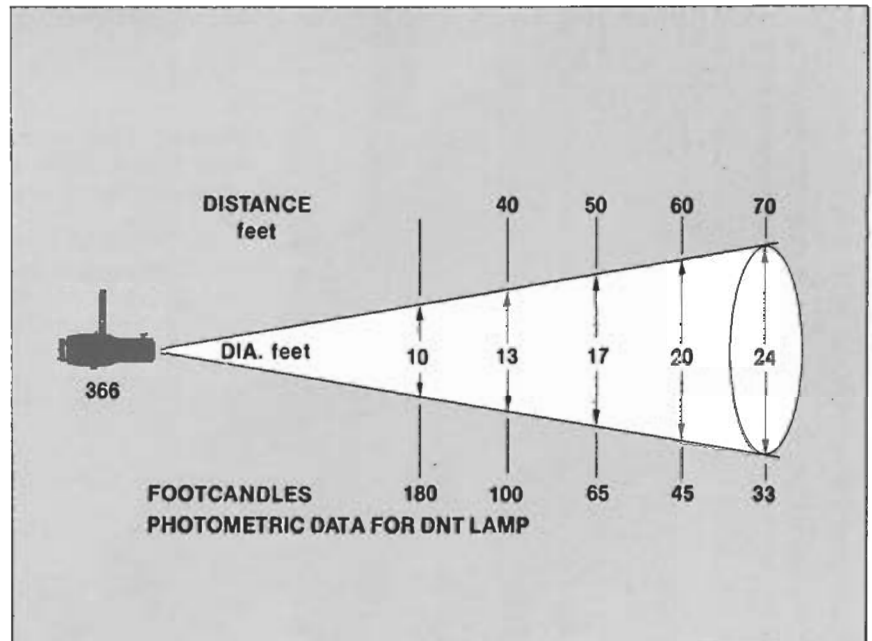
366 I	with iris installed
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Note: The 366 luminaire is also available with an 8x11 inch stepped lens as catalog number 366/8x11.

Additional accessories

366 PATS	8 patterns
366 SN	snoot
197	color wheel
404-8	motorized color wheel
8x8	replacement stepped lens
8x11	replacement stepped lens

Altman Cat. No. 366 ellipsoidal spotlight



366 SERIES PERFORMANCE CHART WITH DNT LAMP

Fixture Type	Candlepower (Candela)	Beam Angle (degrees)	Field Angle (degrees)	Efficiency (%)
366	164,000	8	19	25
366/8x11	173,000	7	14	17

LAMP SUBSTITUTION DATA

Fixture Series	Watts	ANSI Code	Manufacturer Lamp Code	Color Temp (°K)	Rated Life (Hours)	Rated Lumens	Correction Factor
Incandescent Lamps							
366	500	DEB	500T12/8	2850	800	9,000	X .53
	500	DNS	500T12/9	2950	200	11,000	X .65
	750	DNT	750T12/9	3000	200	17,000	X 1.0
	1000	DNV	1000T12/2	3050	200	25,000	X 1.5
Tungsten Halogen Lamps							
366	500	EGE	Q500CL/P	3000	2000	10,000	X .6
	500	EGC	Q500/5CL/P	3150	500	12,700	X .75
	500	EGG/EGD		3200	150	13,000	X .75
	750	EGG	Q750CL/P	3000	2000	15,000	X .9
	750	EGF	Q750/4CL/P	3200	500	20,000	X 1.2
	1000	EGM	Q1000CL/P	3000	2000	21,500	X 1.3
	1000	EGJ (Sy)		3200	400	25,500	X 1.5
	1000	EGJ (GE)	Q1000/4CL/P	3200	500	27,500	X 1.6



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