

**PATTERN HOLDER
NOT INCLUDED**

**Catalog number 360 6x12
500-750 watt**

6" ellipsoidal



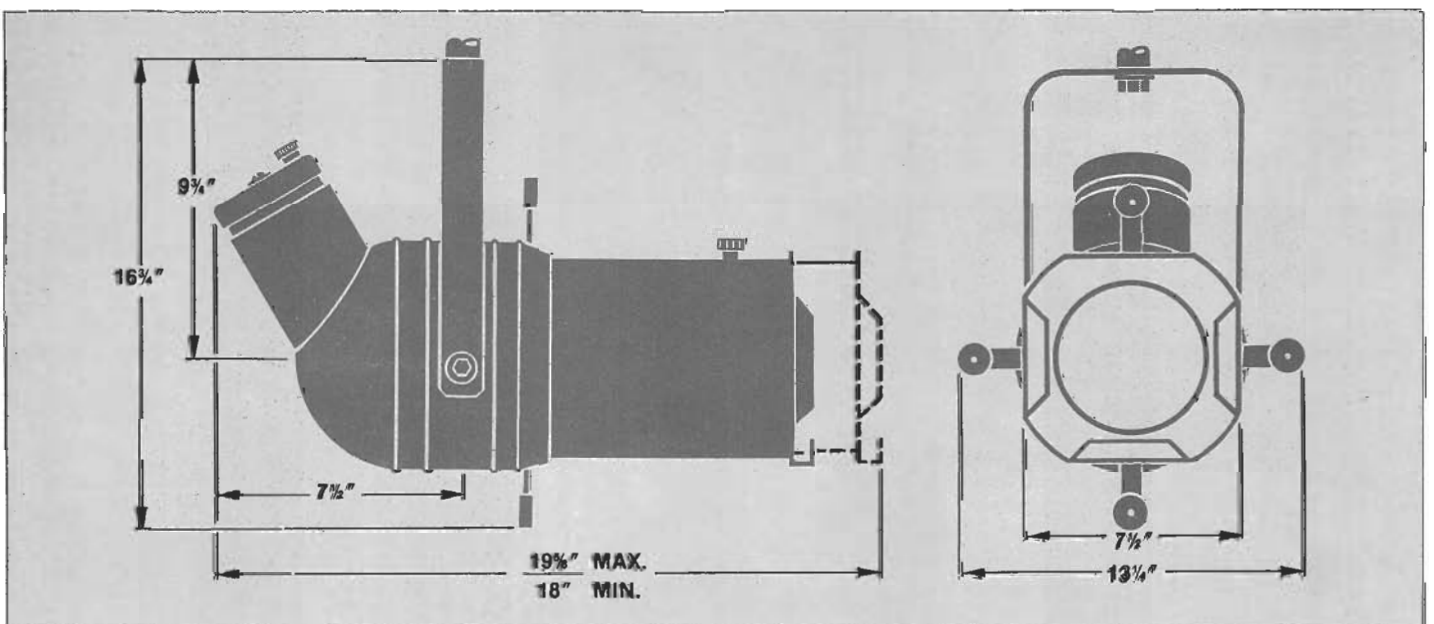
6x12

A compact, lightweight ellipsoidal spotlight which produces a high intensity sharp or soft edged beam. The two 6x12 inch plano convex lens optical system produces a medium beam approximately 13 feet in diameter for a 30 foot throw.

The 360 6x12 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 360 6x12 is also useful in displays, show windows, museums and night clubs where precision controlled accent lighting is desirable.

Features

- ★ Two heat resisting 6x12 inch plano convex lenses
- ★ 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 500 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 or 750 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 mounted in a die cast aluminum housing. Two heat resisting 6x12 inch plano convex 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 cast 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 captive, slotted brass 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 25 degree beam to the edge of the field. This beam shall produce a 13 foot diameter spot at a distance of 30 feet with a center intensity of 77 footcandles. The luminaire shall be UL listed and labeled for use with up to a 500 watt lamp.

Accessories

Supplied with luminaire

360 PC	malleable iron pipe clamp
360 CF	color frame
360 PH	pattern holder
360 SC	safety cable with spring clip
360 LT 6x12	lens tube with 2 lenses and thumb screw

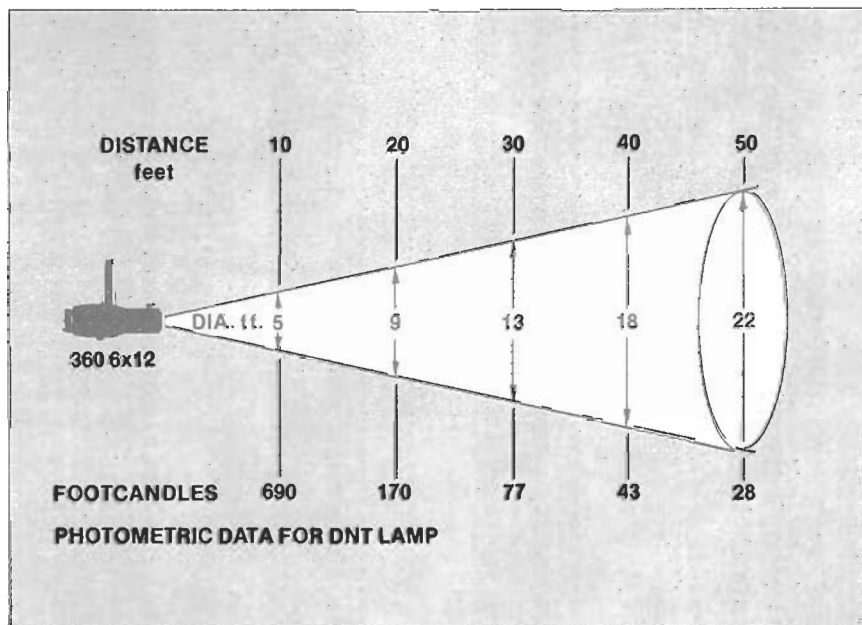
Modified luminaire

360 I 6x12	with iris installed
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Additional accessories

360 PATS	8 patterns
360 SN	snoot
195A	Color wheel
404-6	motorized color wheel
6x12 PC	replacement lens

Altman Cat. No. 360 6x12 ellipsoidal spotlight



360 SERIES PERFORMANCE CHART

Fixture Type	Candlepower (Candela)	Beam Angle (degrees)	Field Angle (degrees)	Efficiency (%)
360 4.5x6.5	24,000	25	56	40
360 6x9	55,000	15	35	37
360 6x12	70,000	15	25	32
360 6x16	96,300	14	21	26.5

LAMP SUBSTITUTION DATA

Fixture Series	Watts	ANSI Code	Manufacturer Lamp Code	Color Temp (°K)	Rated Life (Hours)	Rated Lumens	Correction Factor
Incandescent Lamps							
360	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
Tungsten Halogen Lamps							
360	500	EGE	Q500CL/P	3000	2000	10,000	X .6
	500	EGC	Q500/5CL/P	3150	500	12,700	X .75
	500	EGC/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



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