

zoom ellipsoidal



750w

20° - 40°

Cat.# AQ61ZM

Height (Top to Bottom) 7-5/8"
 Width (Side to Side) 7-5/8"
 Length (Front to Back) 25-5/8"
 Weight 19 lbs
 Color Frame Size 7-1/2" x 7-1/2"

accessories...

Cat.# 303 Color frame 7-1/2"x7-1/2"
 Cat.# 331 Iris (must be factory installed)
 Cat.# 362 Pattern holder
 Cat.# 103-0531 C clamp-iron
 Cat.# 103-0527 C clamp-aluminum
 Cat.# 103-0533 Safety cable
 Cat.# 458 Stripped glass filter 7-1/2"x7-1/2"

features...

- Durable aluminum and welded steel construction
- Axially mounted medium two pin socket
- Double flatted Alzak aluminum reflector
- Stainless steel shutters and template slot mounted within the body
- Heat resistant borosilicate glass lenses
- Easy relamping without disturbing the prefocused alignment
- Includes rigid strap yoke, color frame and three foot, 3 wire lead
- Standard finish: Black
- UL, C-UL listed for 750 watts

photometrics...

Lamp	*K	Hrs	Lumens	Lamp	*K	Hrs	Lumens
400w HX400	3200	300	10,000	575w FLK/LL	2950	2000	12,800
500w EHD	3000	2000	10,600	575w HP600	3200	300	15,500
500w EHC	3200	300	13,000	750w EHG	3000	2000	15,400
575w FLK	3200	300	16,500	750w EHF	3200	300	20,400

Catalog Number	Focal Setting	Beam (50% CBCP)				Field Cut-off		CBCP Lamp: EHG	
		Flat		Peak		Angle	mf	Flat	Peak
AQ61ZM	20°	13°	0.23	9°	0.16	20°	0.35	53,400	93,450
AQ61ZM	30°	20°	0.35	14°	0.25	30°	0.54	41,100	71,600
AQ61ZM	40°	26°	0.46	18°	0.32	40°	0.73	27,400	48,100

To find light output in footcandles (fc) at any distance: $CBCP / (\text{throw distance})^2 = fc$
 To find any beam or field diameter at any distance: $\text{throw distance} \times mf = dia.$

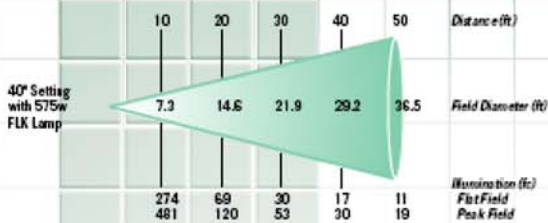
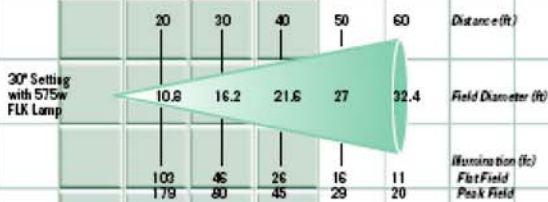
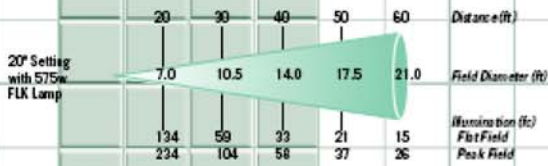
specifications...

The luminaire shall be a **UL/C-UL** Listed 750 watt max ellipsoidal reflector spotlight with a medium two pin socket, to accept an axially mounted tungsten halogen lamp, housed inside a double flatted Alzak aluminum reflector. The fixture shall be constructed of an all welded steel body with cast aluminum lamp housing and cap. The unit shall have four stainless steel shutters and a template slot mounted within the body. The 4-1/2" x 16" and 4-1/2" x 6-1/2" lenses shall be of heat resistant borosilicate glass and mounted in adjustable lens holders complete with locking thumb screws for beam definition and focal settings. The lens tube shall be equipped with steel color frame holders on the sides and bottom. The fixture shall be able to be converted to any other configuration by exchanging the lens barrel and lenses. A hinged body, via locking thumb screw, allows access to the interior of the reflector housing and shutter assembly. Ventilating ports shall be baffled for cooler operation with minimal light leakage.

Relamping shall be accomplished from the rear of the unit, without disturbing the prefocused alignment, by unthreading the brass thumb screw and removing the adjustable lamp and socket assembly from the unit.

Lamp focusing shall be accomplished by adjusting the four focusing screws on the axial cap.

The luminaire shall be supplied with a rigid strap yoke, color frame, and a three foot three wire lead in a black fiberglass sleeve. All painted surfaces shall be baked enamel.



Lighting & Electronics, Inc.

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