



Fixture Type:

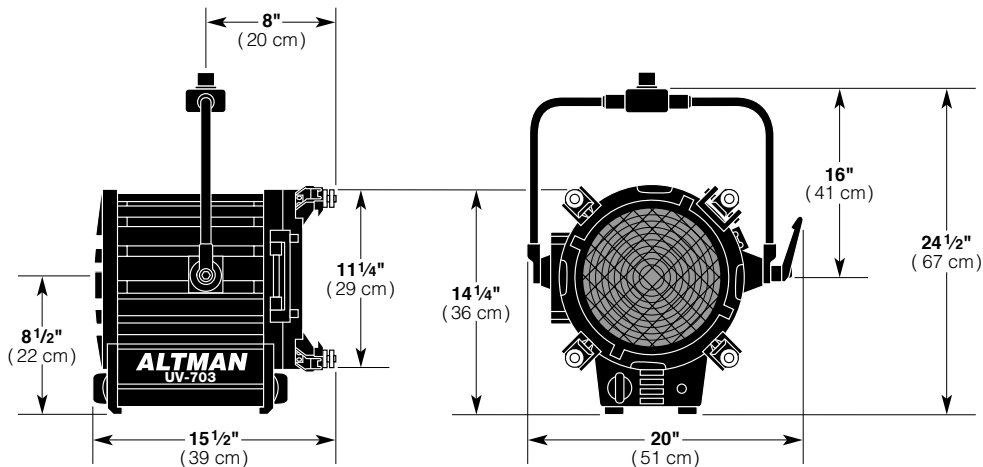
The Altman UV-703 is a compact, high output blacklight fresnel. It is designed to provide high intensity illumination of fluorescent materials at distances up to 150 feet. The fixture does not require any fans for cooling, resulting in extremely quiet operation. The fixture is equipped with barn door rollers and an integral wire mesh safety screen in front of the lens. The ballast is simple to operate with a single on/off switch. A special fresnel lens filters out harmful UV-B and UV-C wavelengths and almost all visible light.

Specifications subject to change without notice

400 WATTS
UV-703
10" Blacklight Fresnel

Features

- Rugged die-cast and extruded aluminum construction
- 10" UV-A filter Fresnel lens
- Narrow spot to wide flood
- Extremely quiet operation
- Lamp access through lens door
- Front and rear focusing controls
- Integrated wire mesh safety screen
- Integrated barn door rollers
- Cord wrap
- Automatic safety cutoff switch
- Safety cable with spring clip included
- E.T.L. and c.E.T.L. listed for 400 watts
- Made in the USA



Specifications

Housing: Extruded and die-cast aluminum construction.

Materials: Construction employs all corrosion-resistant materials and hardware.

Yoke: 5/8" diameter tubular yoke with die-cast fitting. 1/2" diameter hole with 1 3/8" x 3/16" keyway for C-clamp or spigot.

Reflector: Alzak aluminum.

Lens: 9.8" (250mm) short focus borosilicate UV-A filter fresnel lens. Wire safety mesh installed.

Socket: Two RSCB sockets.

Cable: 36" cable lead with male multi connector.

Interconnect Cable: Detachable 25' 16/3 SO cable with female-male interlocking multi connectors.

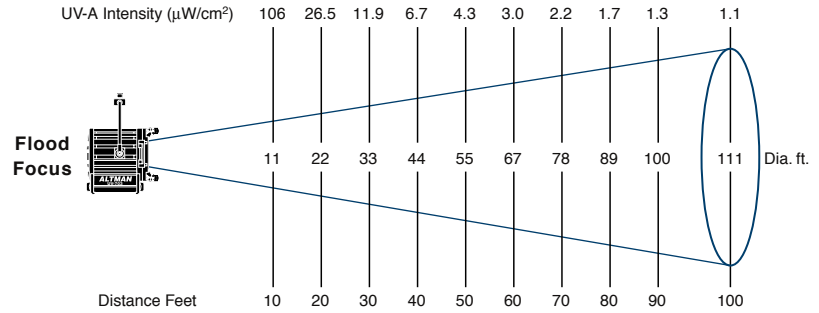
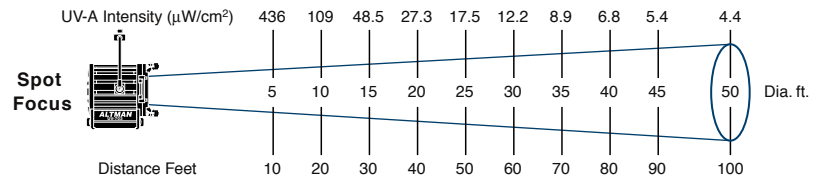
Focusing: Easy glide worm gear with front and rear knobs.

Accessories: Accepts 13" dia. accessories.

Safety Screens: Stainless steel.

Finish: Black epoxy sandtex, electrostatic application.

Weight: Approx; 26 lbs. (11.7 kg.).



Radiometric data for HPA400/30-S Lamp

10" BLACKLIGHT FRESNEL PERFORMANCE CHART w HPA 400/30-S LAMP

Fixture Type	Focus	Beam Angle (Degrees°)	Field Angle (Degrees°)
UV-703	Spot	14°	28°
	Flood	34°	58°

ACCESSORIES Supplied with Luminaire	
54-5003	25' Interconnect Cable
400-MB	400 Watt Magnetic Ballast (with Yoke)
SC	Safety Cable (2 Supplied)

LAMP DATA							
Lamp Type	Watts	Volts (Nominal)	Volts (Striking)	Peak Spectrum (UV-A)	Radiant Output (at 1 meter)	Rated Life	Burning Position
HPA-400/30-S	380	133	5Kv	350-365nm	900µW/cm²	500 Hrs.	HOR. ±10°
MHL450	400	140	4Kv	360-375nm	900µW/cm²	500 Hrs.	HOR. ±10°

ADDITIONAL ACCESSORIES	
F10-FF	Hinged Filter Frame
510-HDL	Heavy Duty Pipe Clamp (for Head)
510	Standard Pipe Clamp (for Ballast)
54-5004	50' Interconnect Cable
54-5005	100' Interconnect Cable
F10-BD4	4 Leaf Barn Door
F10-BD8	8 Leaf Barn Door
F10-SN	3 in 1 Snoot Set
F10-FS	Full Single Density Scrim
F10-HS	Half Single Density Scrim
F10-FD	Full Double Density Scrim
F10-HD	Half Double Density Scrim
F10-SC-SET	Set of 4 Scrims (one each of the four above)
90-MHL450	400 Watt UV Lamp
F-SAL	Combination 5/8"-1 1/8" Spigot

BALLAST	
Type: (Magnetic) Altman 400-MB.	Circuit Protection: 5 amp, magnetothermal, push-button resettable circuit breaker.
Rating: Input-120 VAC, single phase, 60Hz., 4.5 amps max. (100, 208-240 VAC, 50 or 60Hz versions available).	Connector: Female multi-connector.
Power Settings: Three output settings provided via 3 position voltage tap switch: low, medium and high.	Power Cord: 5' 16/3 SO.
Control Switches: ON/OFF rocker switch, illuminated in ON position.	Construction: .090 sheet aluminum.
	Finish: Electrostatic black paint.
	Weight: Approx; 21 lbs. (9.5 kg.).