



Fixture Type:

Cool, point source instruments for studio or location use. With advanced Altman optics and integral electronic ballast the CDM-TV-70W utilizes a 70 watt ceramic discharge metal halide lamp to surpass the performance of a professional 300 watt studio fresnel. The CDM-TV-150W outperforms a 650 watt studio fresnel. CDM-TV units provide a warm white light or a stable 4200° Kelvin temperature and an exceptionally high color rendering index to blend with existing tungsten or fluorescent studio lighting plots. An average lamp life of 12,000 hours, a highly efficient lamp, and low heat output all assist the CDM-TV units to reduce production costs for years to come. Included in every Proline fixture is Altman's new "F/S EZ Glide System" which allows the tray assembly to flood and spot with ease.

Specifications subject to change without notice

39/70/150 WATT

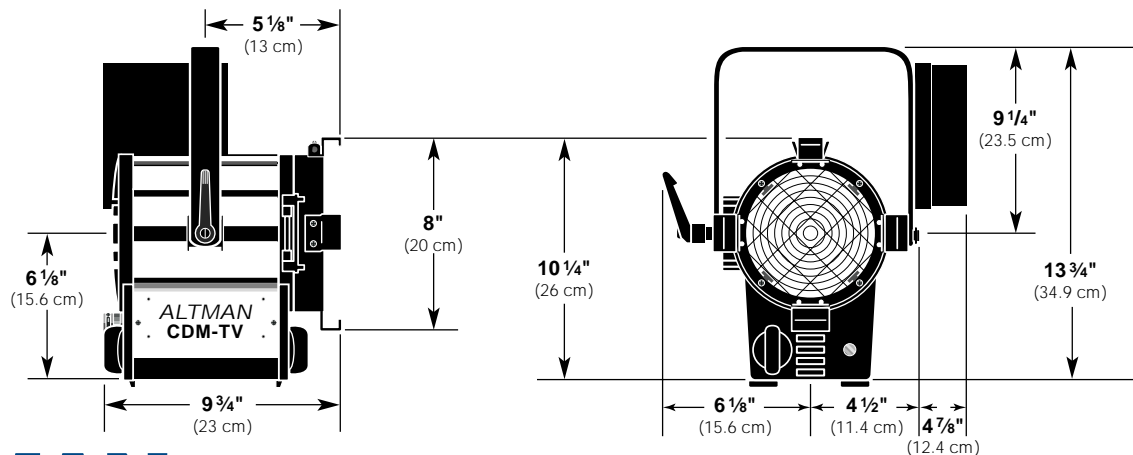
CDM-TV

Features



F/S EZ Glide System

- 12,000 hour CDM lamp with color rendering index
- Rugged lightweight die-cast and extruded aluminum housing
- Rib design for superior strength and ventilation
- Easy operating focusing control with Teflon guides (see side photo)
- Spring loaded top accessories latch
- Lightweight, flat steel yoke
- Non-corroding materials and hardware
- Hinged filter frame included
- Wire safety screen included
- New compact fixture housing
- U.L. and c.U.L. listed for their respective lamps
- Made in the USA



Specifications

Housing: Extruded sheet and die-cast aluminum construction.

Materials: Construction employs corrosion-resistant materials and Phillips Hardware.

Yoke: 1 1/4" x 1/8" flat steel with clearance hole for 1/2" bolt.

Reflector: Super-pure aluminum anodized finish, proprietary design.

Lens: 5.1" (130mm) short focus borosilicate fresnel lens. Wire safety mesh installed.

Lamp/Socket: 39W, 70W or 150W UV Block G12 Ceramic Metal Halide lamp. 5kV pulse rated socket.

Ratings: 120 volt AC operation; 50/60Hz .38 amps with 39W; .583 amps with 70W lamp and 70W power supply; 1.25 amps with 150W lamp and 150W power supply. 240 and 277 VAC units are available.

Ballast: Aromat Corp. 39W, 70W and 150W NAIS DCP Electronic Ballasts, yoke mounted. Unit carries a full 5 year warranty tested and approved by Aromat.

Cable: 6ft. 18/3 SOW with Hanging Model, 25' 18/3 SOW with Stand Model.

Focusing: Teflon™ assisted, easy glide worm gear with front and rear knobs.

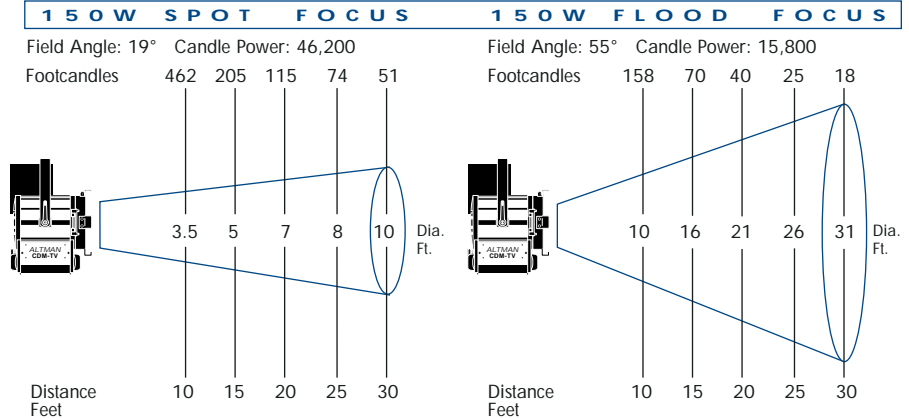
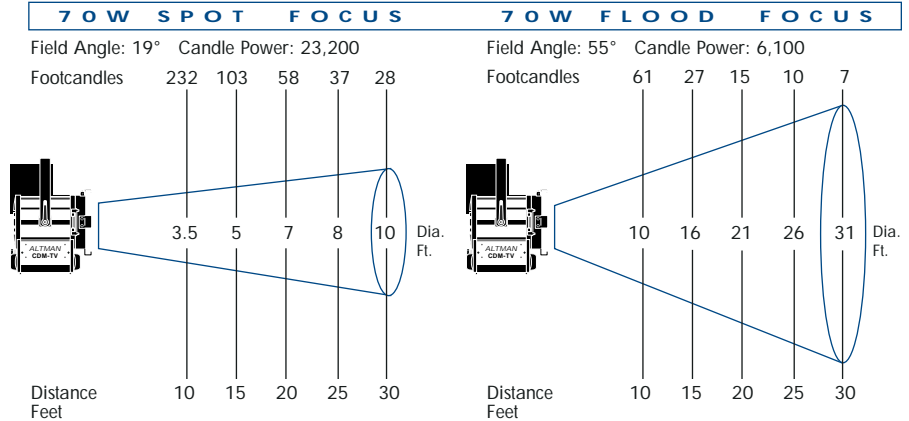
Finish: Etched, metallic finish with clear anodized coating on extruded and sheet aluminum parts. Black epoxy sandtex, electrostatic application.

Accessories: Accepts 7 3/4" diameter (197mm).

Weight: Approx; 11 lbs. (5 kg.)

C D M - T V					
Model	Voltage	Wattage	Color		
CDMTV(SM)	110	39	(W)white		
CDMTV(HM)	240	70	(S)ilver		
	277	150	(X)custom		

PHOTOMETRIC DATA FOR 70W and 150W CDM LAMP



ACCESSORIES SUPPLIED WITH STANDING MODEL LUMINAIRES	
F-SAS	Combination 5/8" x 1 1/8" Spigot
F5-FF	Black Hinged Filter Frame
F-CRL	Long Cord Wrap

ACCESSORIES SUPPLIED WITH HANGING MODEL LUMINAIRES	
F-SAS	Combination 5/8" x 1 1/8" Spigot
F5-FF	Black Hinged Filter Frame
F-CRL	Long Cord Wrap

ADDITIONAL ACCESSORIES	
F5-BD4	4 Leaf Barn Door
F5-BD8	8 Leaf Barn Door
F5-SN	3 in 1 Snoot Set
F5-FS	Full Single Scrim
F5-HS	Half Single Scrim
F5-FD	Full Double Scrim
F5-HD	Half Double Scrim
SC	Safety Cable
F-SAS	Combination 5/8" x 1 1/8" Spigot
90-35CDMT6/830	39 Watt CDM Lamp 3000K-12,000 Hr.
90-70CDMT6/830	70 Watt CDM Lamp 3000K-12,000 Hr.
90-70CDMT6/942	70 Watt CDM Lamp 4000K-12,000 Hr.
90-150CDMT6/830	150 Watt CDM Lamp 3000K-12,000 Hr.
150-150CDMT6/942	150 Watt CDM Lamp 4000K-6,000 Hr.
90-150CDMSA/942	150 Watt CDM Lamp 4200K-5,000 Hr. Short Arc

5" PROLINE FRESNEL PERFORMANCE CHART WITH CDM LAMP

Fixture Type	Focus	Candlepower (Candela)	Field Angle (Degrees)
CDM-TV-70W	Spot	23,200	19°
	Flood	6,100	55°
CDM-TV-150W	Spot	46,200	19°
	Flood	15,800	55°

LAMP DATA

Lamp Type	Watts	Efficiency	Color Temp (°K)	Rated Life (Hours)	Rated Lumens	Color Rendering Index	Burn Position
CDM 35/T6/830	39	>87 LPW	3000	12,000	3,400	81	Any
CDM 70/T6/830	70	>92 LPW	3000	12,000	6,600	82	Any
CDM 70/T6/942	70	>92 LPW	4000	12,000	6,600	92	Any
CDM 150/T6/830	150	>93 LPW	3000	12,000	14,000	85	Any
CDM 150/T6/942	150	>85 LPW	4000	6,000	12,700	95	Any
CDM -SA/T 150/942	150	>86 LPW	4200	5,000	12,900	96	Any