

Fixture Type:



ODEC1535
pictured

The Altman ODEC is the first fully functioning affordable outdoor ellipsoidal with 15-35-degree zoom focus, framing shutters, glass/steel pattern projection capabilities and internal/external accessory mounting options for color media, louver, donut, scroller or douser. The ODEC's removable lid allows for maximum accessibility during installation and for lamp and lens adjustments. Two stainless steel safety cables hold the lid securely when the fixture is opened. The lid is secured to the body with four side-mount link-lock latches that provide a water-tight seal. Padlocks of appropriate size can be added for security.

The ODEC is designed and engineered with a number of innovative features enhancing versatility and efficiency without sacrificing performance. The proprietary highly polished reflector is engineered for use with 70-, or 150-watt G12 ceramic-discharge metal halide (CDM) lamps and provides for maximum light output. The lens focus is modified by means of Teflon® guides that are simple to adjust throughout the focusing range. Focus is secured by way of brass thumb screws. The instrument comes complete with pattern holder. An optional single gobo rotator with speed and polarity control is available. The Altman Outdoor Ellipsoidal is state of the art in design, function, and efficiency.

Specifications subject to change without notice

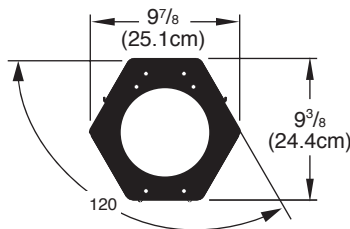
**70/150 WATT
OUTDOOR ELLIPSE-CDM**

Features

- Compact, rugged welded aluminum fabrication
- Low-friction Teflon® lens glides
- Utilizes 12,000 hour CDM lamp with high color rendering index
- Low-noise, high-efficiency electronic ballast
- Easily adjustable Type 321-gauge stainless steel shutters
- Accessory slot accepts single gobo rotator, or metal or glass pattern holder
- 15-35° zoom
- Easy operating lamp centering knob and peak or flat field adjustment knob
- U.L.- and c.U.L.-listed for wet locations
- Made in the USA

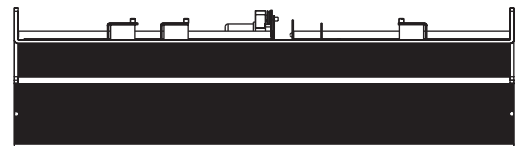
Features (External Housing)

- Aluminum and stainless steel construction
- Link-Lock latches for security
- Designed for indoor/outdoor applications
- Cable entry glands and mounting holes located on bottom of enclosure

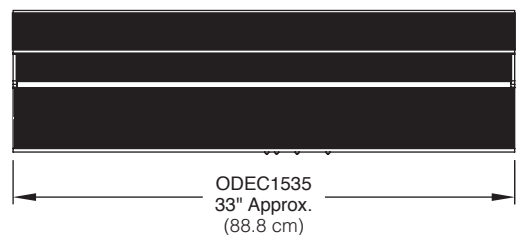


15-35°

Lid off



Lid on



Specifications

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

Head: Welded aluminum fabrication.

Rating: 120 volt AC operation; 50/60Hz .58 amps with 70W lamp and 70W ballast; 1.25 amps with 150W lamp and 150W ballast. 240 and 277 VAC units are available.

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

Lamp Alignment: Fully adjustable in 3 axis with the use of two heat resistant concentric knobs.

Lens: Crown Glass (white plate) with anti-reflector coated surfaces.

Reflector: Proprietary curve, specular aluminum.

Focusing: Lens movement contained within body, adjustable with brass thumb screws.

Accessories: Internal accessory slot accepts color filters or glass filters. External accessory slot accepts 7½" accessories.

Weight: Approx. 35 lbs. (15.9 Kg).

ORDERING INFORMATION:

Part Number	Model	Lens	Voltage	Wattage	Color
	ODEC				(B)lack
		1535	110	70	(W)hite
			240	150	(S)ilver
			277		(X)custom

Specifications (External Housing)

Construction: ½" heavy-gauge aluminum construction (body and lid).

Viewing Window: Glass, 0.25-inch (6.35 mm) thick, 6¼" diameter.

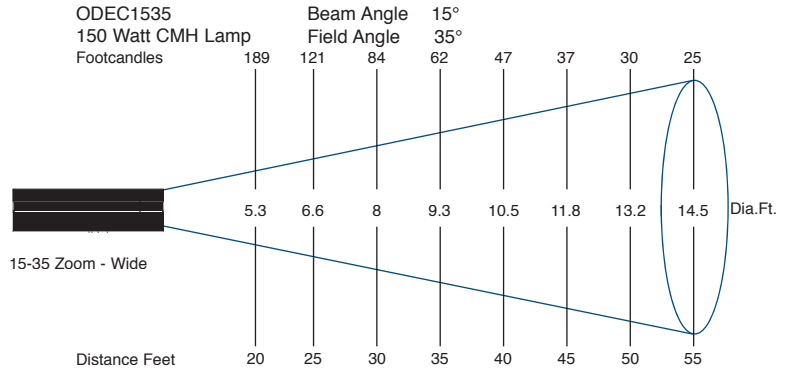
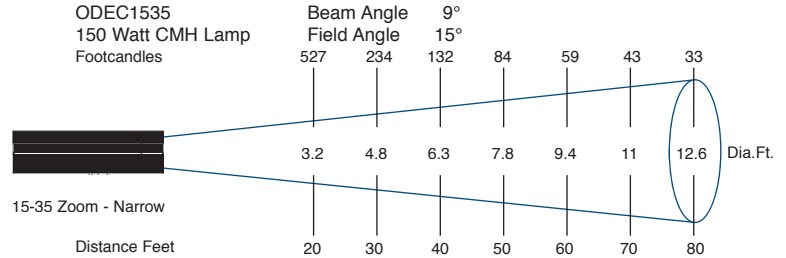
Environment: Indoor/Outdoor; -10° to 120°F (-23° to 49°C).

Latches: Link-lock No. 3, stainless steel; can be secured with padlocks (not supplied).

Mounting: Per specification.

Accessories: Installed with locking external slot.

Finish: Black TGIC polyester powdercoat. White and silver also available.



ADDITIONAL ACCESSORIES	
ODE-MDWM	Medium duty wall mount. Max. load 40 lb. (18.1 kg.)
ODE-PMA	Pole mount adapter for ODE-MDWM. Minimum pole diameter 1.5" (3.8 cm.) Stainless steel straps supplied. Strap length. 28.5' (72.39cm)
ODE-SGR	Single Gobo Rotator
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.
90-150CDMT6/942	150 Watt CDM Lamp 4000K-6,000 Hr.
90-150CDMSA/942	150 Watt CDM Lamp 4200K-5,000 Hr. Short Arc

LAMP DATA

Lamp Type	Watts	Efficiency	Color Temp (°K)	Rated Life (Hours)	Rated Lumens	Color Rendering Index	Burn Position
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 SA150/T6/942	150	>86 LPW	4200	5,000	12,900	96	Any

ACCESSORIES SUPPLIED WITH LUMINAIRE	
ODE-MDPM	Medium duty pedestal mount. Max. load 40 lb. (18.1 kg.)
SC-18-BK	Black Safety Cable, 18"

Conversion Factor
70 Watt Lamp = f.c. x .48
Lux: = f.c. x .0929