



# The Future of Outdoor Lighting

## The Altman ODEC Outdoor Framing Projector

### Precise Framing

Stainless steel shutters minimize glare and light trespass.

### Powerful Projection

Use glass or steel for breakup, textural or graphic patterns.

### Unobtrusive Form

Lightweight and same size as an outdoor security camera.

### Unprecedented Versatility

Room to grow with onboard A/C for additional powered accessories.

### Tool-free Maintenance

User-friendly design includes internal on/off switch and easy lamp replacement.

### Completely Weatherproof

Rugged and lockable case is UL and cUL listed for wet locations.

### No matter the application, the answer is ODEC.

- Precisely highlighting or coloring an architectural feature.
- Exactly framing building signage or banners.
- Sharply projecting a pattern or graphic such as a client's logo.



# Meet the Altman ODEC

## Outdoor Framing Projector

The Altman ODEC Outdoor Framing Projector is a 70/150W CDM outdoor framing projector with 15° to 35° zoom focus, framing shutters, glass/steel pattern projection capabilities, and internal accessory mounting options for color media and DMX-controllable accessories.

**ON/OFF SWITCH**  
Conveniently located inside the unit  
(and not at some distant breaker panel.)

**ONBOARD A/C OUTLET**  
Switched A/C outlet powers add-on accessories  
like DMX-controllable Douser or TwinSpin™  
specifically made for the ODEC by GAMProducts.

**LIGHTSHIELD**

**PROPRIETARY CURVED SPECULAR  
ALUMINUM REFLECTOR**  
Engineered to provide maximum light output from  
70W or 150W G12 ceramic-discharge metal halide  
(CDM) lamps.

**PATTERN HOLDER**  
Accepts steel or glass patterns.

**ADJUSTABLE FRONT LENS  
CARRIER ASSEMBLY**  
Composed of crown glass (white plate) with  
anti-reflective coated surfaces. Adjusts smoothly on  
Teflon® guides, secured by brass thumb screws.

**PROJECTION WINDOW**  
Re-inforced with optically clear glass to  
create a weathertight seal. Exterior  
retaining clips accommodate 7.5"  
accessories such as weatherproof color  
changer or dichroic color filters.

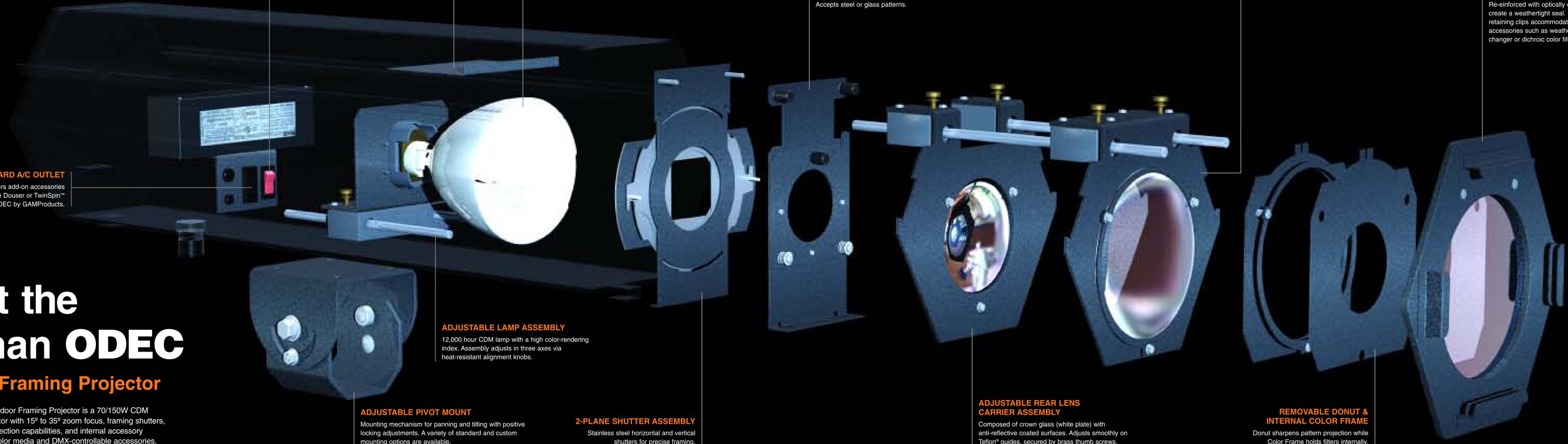
**ADJUSTABLE LAMP ASSEMBLY**  
12,000 hour CDM lamp with a high color-rendering  
index. Assembly adjusts in three axes via  
heat-resistant alignment knobs.

**ADJUSTABLE PIVOT MOUNT**  
Mounting mechanism for panning and tilting with positive  
locking adjustments. A variety of standard and custom  
mounting options are available.

**2-PLANE SHUTTER ASSEMBLY**  
Stainless steel horizontal and vertical  
shutters for precise framing.

**ADJUSTABLE REAR LENS  
CARRIER ASSEMBLY**  
Composed of crown glass (white plate) with  
anti-reflective coated surfaces. Adjusts smoothly on  
Teflon® guides, secured by brass thumb screws.

**REMOVABLE DONUT &  
INTERNAL COLOR FRAME**  
Donut sharpens pattern projection while  
Color Frame holds filters internally.



## Other Outdoor Luminaires from Altman



### **SpectraPAR**

An LED color-mixing PAR64, uses 36 one-watt LEDs for a high-output color-mixing luminaire. This indoor/outdoor PAR is constructed of cast aluminum and utilizes non-corroding hardware and fittings. Three interchangeable lenses, NSP, MFL, and WFL, are supplied with each unit. Heavy gaskets protect the LEDs from inclement weather with an IP66 rating.



### **Outdoor 600 Halogen**

A high-performance alternative to conventional PAR64 luminaires, the Outdoor 600 accepts 375-, 575-, 600-, and 750-watt tungsten-halogen lamps. At a distance of 40' (12.2 m), this unit can produce a pool of light, 11' (3.4 m) in diameter with a narrow spot lens, and a pool 33' (10.1 m) in diameter with a wide flood lens.



### **Outdoor PAR 64**

This rugged wet-location luminaire accepts standard PAR64 lamps of 500- and 1000-watts. Typical lamp life varies from 600 to 4,000 hours of continuous use. At a distance of 40' (12.2 m), this unit can produce a pool of light 14' 2" (4.3 m) in diameter with a spot lamp and a pool 45' 2" (13.8 m) in diameter with a flood lamp.



### **Outdoor Blacklight Flood**

This high-output UV luminaire in a PAR64 format, rated for wet or damp locations, creates glowing effects up to 40' (12.2 m). Compact and quiet, this unit, which uses a 500- hour 150-watt MHL lamp, comes with four interchangeable focusing lenses and has the same mounting and accessory options as the Outdoor PAR series.



### **Outdoor PAR CDM**

This low-power luminaire in a PAR64 format accepts efficient, low-heat CDM lamps of 39-, 70-, and 150-watts rated at 12,000 hours of operation. At a distance of 40' (12.2 m), the Outdoor PAR CDM typically produces a pool of light 13' (4.0 m) in diameter with a narrow spot lens, and a pool 37.5' (11.4 m) in diameter with a wide flood lens.