



APPOTRONICS D-SERIES High Brightness Fixed Projector Instructions

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APPOTRONICS



D-SERIES
HIGH BRIGHTNESS
FIXED INSTALL PROJECTOR



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Excellent Performance Incredible Value

<ul style="list-style-type: none"> • Superior Picture Quality • Easy to Install 	<ul style="list-style-type: none"> • Cinema Level Reliability • WUXGA Resolution 	<ul style="list-style-type: none"> • 4G Module/Wireless Control • APCS Platform
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Best Value 1- Chip DLP Laser Installation Projector

- The Signature ALPD Engine
- 7,300 – 9,300 lumens
- New User-Friendly OSD
- Internal 4G Module
- Red ratio above 10% to provide high saturation colors:

TI Color Ratios Recommendation

Color Ratios			
	Good	Medium	Fail
R / W	>10%	10%-6%	<6%
G / W	>40%	40%-30%	<30%
B / W	>3%	3%-1%	<1%
C / W	>43%	43%-31%	<31%
M / W	>13%	13%-7%	<7%
Y / W	>80%	80%-36%	<36%

Red Color Ratios=6~7%



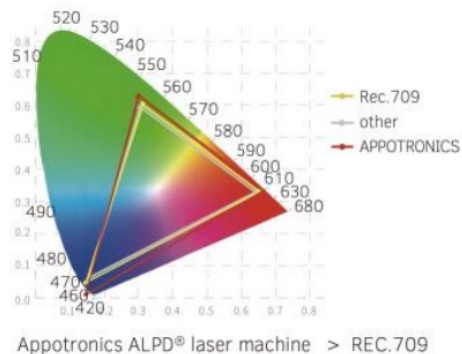
Red Color Ratios around 7%



Red Color Ratios around 16%



- Coverage beyond Rec 709. More accurate and stable color rendition

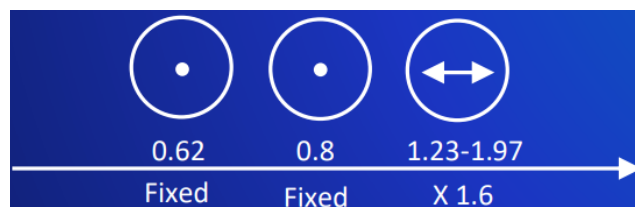


Red coordinates deviates from Rec. 709 , orangish red

Excellent Performance in Installations

- **Optional Lenses:**

Added two short-throw optional lenses to adapt to installations in smaller spaces.

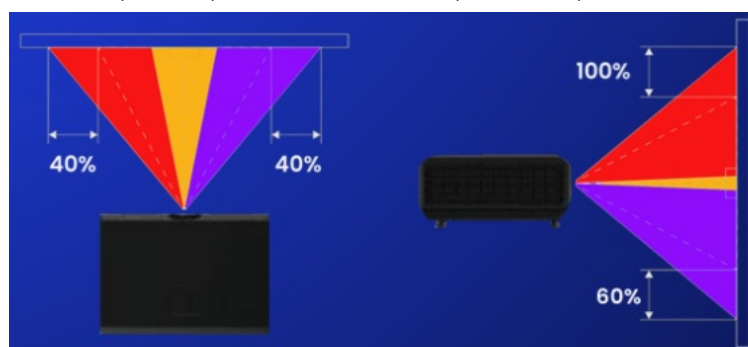


- **Multi-color correction provides color/brightness uniformity for any blended pictures:**

With RGBYCMW seven-axis color correction users can easily adjust the pictures to reach the desired uniformity.



- APCS (Appotronics Projectors Control System)
 - Projector O&M, monitoring and interconnection management platform
 - Free APP for computer, tablet and phone
 - Management and monitor on cloud platform or app
- Wide Range Manual Lens Shift
H & V manual lens shift at $\pm 40\%$ (vertical) and $+100\%$, -60% (horizontal).



- All products support 3D
Support infrared 3D and DLP-link 3D.

Cinema Level Reliability

- Fully sealed optical engine with filter-free anti-dust structure IP5X level sealed optical engine from the light source to the core display chip area.
- The all-new patented inner loop color-wheel cooling system



SPECIFICATIONS

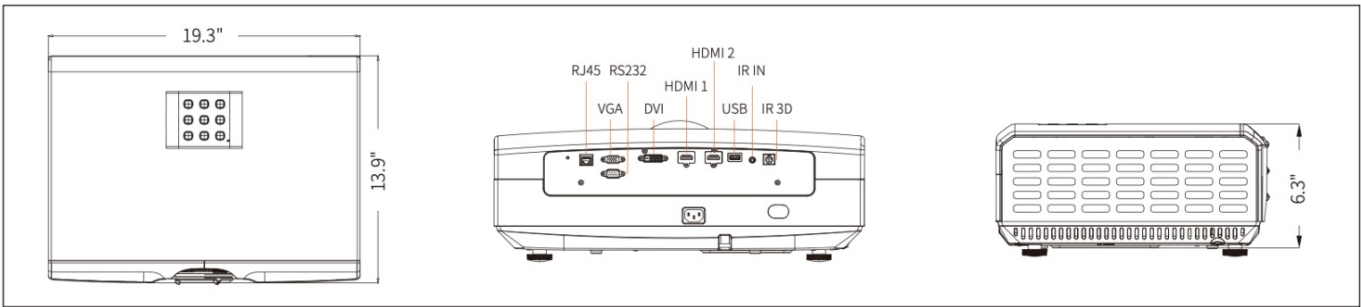
Model	AL-DU735A	AL-DU835A	AL-DU935A
Display Technology	DLP™x1, DLP™ projection system		
Panel Size	0.67"DMD		
Resolution	1,920x 1,200, WUXGA		

Brightness Output1		7,300lm/7,600lm (Center)	8,300lm/8,600lm (Center)	9,000lm/9,300lm (Center)
Light Source Type		ALPD® Laser		
Life Source Lifetime6		20.000h		
Contrast 2		100,600 :1		
Uniformity		90%		
Display Gamut		REC.709		
Lens Throw Ratio		Powered lenses 0.62:1, 0.8:1, 1.23-1.97:1		
screen Size		80" ~ 300"		
Geometric Correction		H+V: ±35°, 4-corner keystone		
Optical Axis Shift		Verticals down 100%, up 60%: Horizontal: ±40%, powered		
Input Resolution		1,920×1,200		
I/O		DVI x 1/HDMI x 2/VGA x 1/RS232 x 1/M3x1/RJ45x1/USB x 1/IR 3D out x 1		
Power Supply		100-240V AC, 50/60Hz		
Power Consumption	Standard	≤ 500W	≤ 550W	≤ 600W
	Standard by	<0.5W		
Orientation		360° installation		
Noise		35dB (standard mode)		

Structure	Measurements	19.3" x 13.9" x 6.3"		
	Weight	≤ 28.7 lbs	≤ 30.9 lbs	≤ 30.9 lbs
Orientation	Temperature	32°F~104°F (95°F~104°F ECO mode)C		
	Humidity	20%~80% (no condensation)		

1 Based on 15021118 standard. **2** Full white/full black. **3** Not including protruding parts. **4** Including standard lens. Average value. **5** Operation temperature will be set to 32°F~95°F when working under High Altitude Mode. Output of projector will be reduced to 50% if ambient temperature exceeds 95°F. **6** The output of the projector will have decreased by approximately 50% around this time. Data from accelerated lab simulations. Actualtime may vary according to the operating modes, environment and other user behaviors.

I/O & Dimensions





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D-SERIES High Brightness Fixed Projector, D-SERIES, High Brightness Fixed Projector, Brightness Fixed Projector, Fixed Projector, Projector

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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