

# Excellent Performance Incredible Value

## D Pro Series High Brightness Installation Projector



Brightness and Feature Enhancements

- Superior Picture Quality
- Easy to Install
- Cinema Level Reliability
- WUXGA Resolution
- 4G Module/Wireless Control
- APCS Platform

### Best Value 1- Chip DLP Laser Installation Projector

- The Signature ALPD Engine
- New User-Friendly OSD
- Coverage beyond Rec 709.
- 6,300 – 9,300 lumens
- Internal 4G Module
- More accurate and stable color rendition
- 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%



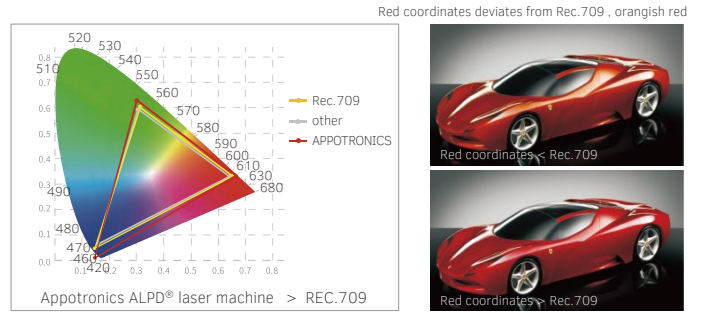
Other Laser DLP (650nm)  
Red Color Ratios>1.0%



Natural skin

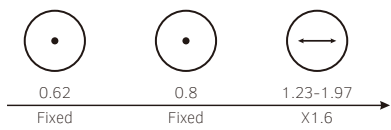


Natural skin



### 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.

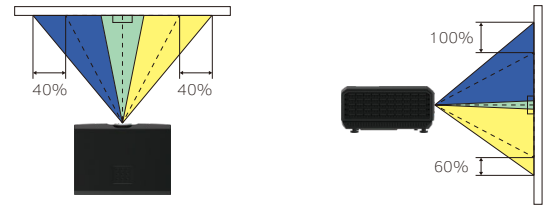


### Cinema Level Reliability

- **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**

- **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.



Dust 2.5mm	Dust 1.0mm	Dust free
IP3X	IP4X	IP5X

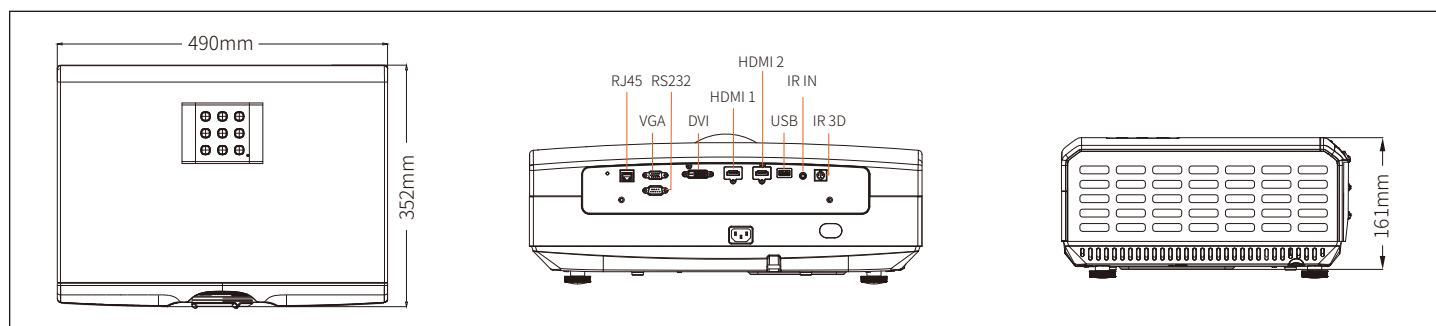


## Technical Specifications

Model		AL-DU635A	AL-DU735A	AL-DU835A	AL-DU935A
Display Technology		DLP™x1, DLP™ projection system			
Panel Size		0.67"DMD			
Resolution		1,920×1,200, WUXGA			
Brightness Output <sup>①</sup>		6,300lm/6,600lm (Center)	7,300lm/7,600lm (Center)	8,300lm/8,600lm (Center)	9,000lm/9,300lm (Center)
Light Source Type		ALPD <sup>®</sup> Laser			
Life Source Lifetime <sup>®</sup>		20,000h			
Contrast <sup>②</sup>		100,000 :1			
Uniformity		90%			
Display Gamut		REC.709			
Lens Throw Ratio		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		Vertical: down 100%, up 60%; Horizontal: ±40%, powered			
Input Resolution		1,920x1,200			
I/O		DVI × 1 / HDMI × 2 / VGA × 1 / RS232 × 1 / M3 × 1 / RJ45 × 1 / USB × 1 / IR 3D out × 1			
Power Supply		100-240V AC, 50/60Hz			
Power Consumption	Standard	≤ 450W	≤ 500W	≤ 550W	≤ 600W
	Stand by	< 0.5W			
Orientation		360° installation			
Noise		35dB (standard mode)			
Structure	Measurements <sup>③</sup>	490mm x 352mm x 161mm			
	Weight <sup>④</sup>	≤13kg			≤14kg
Orientation	Temperature <sup>⑤</sup>	0 C ~40 C (35 C ~40 C ECO mode)			
	Humidity	20%~80% (no condensation)			

① Based on ISO21118 standard. ② Full white/full black. ③ Not including protruding parts. ④ Including standard lens. Average value. ⑤ Operation temperature will be set to 0 C ~ 35 C when working under High Altitude Mode. Output of projector will be reduced to 50% if ambient temperature exceeds 35 C. ⑥ The output of the projector will have decreased by approximately 50% around this time. Data from accelerated lab simulations. Actual time may vary according to the operating modes, environment and other user behaviors.

## I/O & Dimensions



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### Disclaimer:

- All brightness/contrast values listed are based on ISO2118 standard and are the average value of all shipped products.
- Time of lifespan listed shall not be used for warranty purposes. Actual replacement time may vary according to the operating modes, environment and other user behaviors.
- All data listed are based on lab test values. Actual value may differ due to external environments.
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