



aviello
by projectiondesign



kroma

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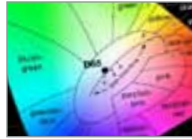
Key features

The foremost philosophy with the avielo series of projectors is to provide the best possible image quality and user experience available anywhere. The avielo kroma by projectiondesign is set to revolutionize image quality and user experience in the home theatre, thanks to its implementing ReaLED™ technology – based on solid state LED illumination.

LED (Light Emitting Diode) lighting technology is nothing new and exciting, having been around for many years, in all sorts of electronics and appliances. The main reason for this is its unique combination of reliability, low power consumption, and application adaptability. ReaLED is projectiondesign's implementation of high power LED lights; one per Red, Green, and Blue colour, and paired with our unique, patented optical design. This combination results in a large range of features that benefits the user in every possible way.

avielo kroma's ReaLED light source provides a wider and more consistent colour gamut, with richer and better colour rendition than any competing illumination technology. At the same time, it stays consistent over its entire life time, expected at a typical 50,000 hours, for a long, and service free life of imaging.

Using ReaLED technology improves on image quality in many ways. Paired with single chip DLP® technology – sequential in nature – LED increases the active colour cycle to 24 times per frame, or even up to 48 times per frame. There is no colour wheel. The result is no more sequential colour artefact, and no disturbing colour level processing artefacts.

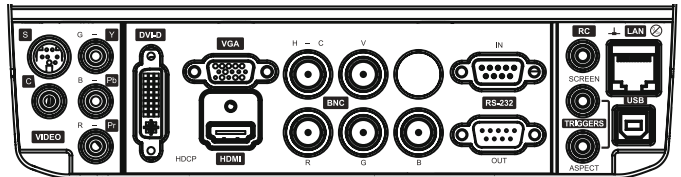


Technical specifications

projector		LED based 1080p home cinema DLP® projector
display	concept	single chip, 0.95" 1080p DMD™ ReaLED™ technology 1920 x 1080 resolution
	compatibility	1080i/p, 720p, 576i/p, 480i/p, PAL SECAM, NTSC digital and analogue RGB
optics and lamp	signature series projection lenses	1.60 – 2.32, 2.37 – 3.79, 3.80 – 6.50 : 1
	standard projection lenses	0.79, 1.16, 1.24 – 1.60 : 1
	lens offset	adjustable: vertical ±120%, horizontal ±90%
	contrast	ON/OFF not measurable >2000 system contrast up to 7500:1 adjusted
brightness	brightness	about 600 lumens
	life expectancy	>50,000 hours
connectivity	video	HDMI 1.3a (HDCP) DVI-I (HDCP) (HDMI 1.3 compatible) 1x RCA (YPbPr, YCbCr) (component video) 1x S-Video (s-video) 1x RCA (composite video) HDD-15 (RGBHV, RGBS, RGSB, YUV)
	control	LAN (TCP/IP), RS232, USB IR remote control with IR repeater input AMX Device Discovery, Crestron Certified Partner
general	power requirements	8.4A 100-240V 50-60Hz
	dimensions (d x w x h)	376 x 510 x 223 mm (excluding lens)
	weight	12.6 kg (excluding lens)
	conformances	CE, CSA, FCC Class B,
	available colours	etruscan bronze
	warranties	3 years limited warranty,

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Comprehensive connectivity

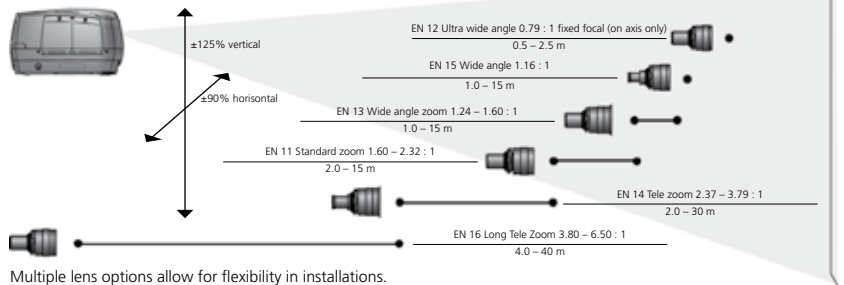


The comprehensive input panel features two digital video inputs, in addition to comprehensive control and command interfaces, compatible with for instance AMX and Crestron home automation systems.

SIGNATURE SERIES

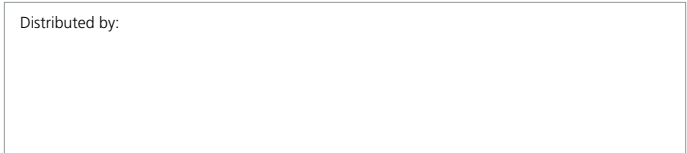


Signature Series projection lenses



Multiple lens options allow for flexibility in installations.

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