



aviello®

by projectiondesign



radiance

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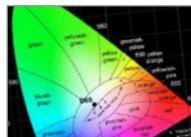
Key features

The radiance is based on the same chassis as the spectra, but features higher output power for larger screens. Ready for the larger screens, it is a high quality projector at a relatively low cost. Bringing forward our experience and qualities from professional video displays, the radiance features full HD1080 resolution, high quality 10-bit video processing, and image quality that must be experienced to be appreciated.

The radiance is compatible with HDMI 1.3a and it is accompanied by a DVI connector that features the same HDMI compatibility, but has added structural support for heavy gauge cables. Both digital inputs feature our unique digital DPEq Digital Pixel Equalization, thus can be used with up to 30m / 100ft¹ copper digital cables without signal loss at 1080p resolution.

The avielo radiance supports SMPTE, REC709 and EBU colour gamut. Each projector is uniquely characterised and calibrated at the factory, ensuring best possible image quality. Like all other models in the avielo range, the radiance features our proprietary RealColor colour management suite, which enables perfectly calibrated colours for both primary and secondary colours.

Sealed, optical architecture prevents dust and contamination from entering the optical assembly for optimum purity. The aspherical lens elements and proprietary LD (Low Dispersion) glass gives a lens with excellent ability to resolve the finer detail of 1080p resolution. It is detail and interscene contrast that creates stunning images, not only overall black/white contrast.



Technical specifications

projector		full HD 1080p home cinema DLP® projector
display	concept	single chip, 0.95" 1080p DMD™ BrilliantColor™ technology 1920 x 1080 resolution 6-segment colour wheel (RGBRGB)
	compatibility	1080i/p, 720p, 576i/p, 480i/p, PAL SECAM, NTSC digital and analogue RGB
optics and lamp	zoom lens	1.60 – 2.00 : 1
	lens offset	approximately 124% vertical (with standard zoom lens)
	contrast	>5000 : 1 (native optical contrast)
	brightness	about 1300 ANSI lumens, adjustable
	lamp	300W UHP™
	lamp life expectancy	2500 hours typical in standard power mode 2000 hours in high power mode
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
general	dimensions (d x w x h)	234 x 278 x 94 mm
	weight	3.4 kg / 7.5 lbs
	available colours	pearl white, etruscan bronze
	warranties	3 years limited warranty. 90 days/500 hours on lamp. Conditions apply.

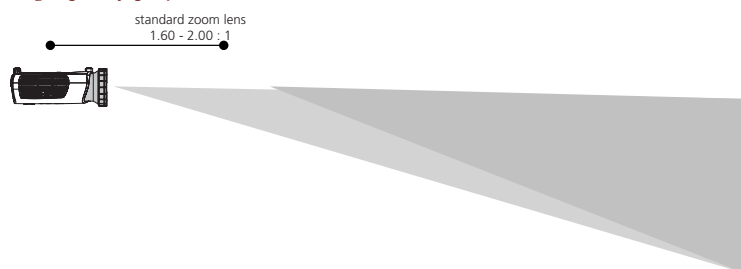
Screen sizes, throw distances, brightness

visible area w x h	screen size (width)	distance to screen (cm)		foot lamberts
cm	inches	min	max	
220 x 124	87	352	440	26
260 x 147	102	416	520	19
280 x 158	110	448	560	16
300 x 169	118	480	600	14
320 x 181	126	512	640	13
330 x 187	130	528	660	12

± 5% tolerances

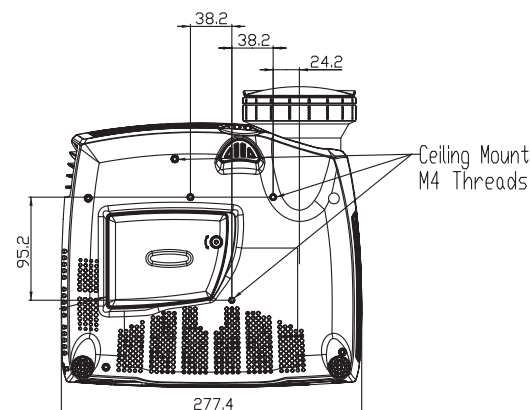
1) 30m / 100ft requires 24 AWG cable.

High quality projection lenses



The radiance features a prism-less optical design designed for the best possible image quality, with outstanding contrast, low colour and optical distortion. A prism-less design ensures no flare in the light path.

Standardised bolt-on ceiling mount interface



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