



aviello®

by projectiondesign



quantum

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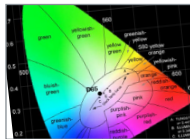
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## Key features

The quantum has been designed specifically to be small and unobtrusive, yet retain reference level performance. Unbelievably small, it is practically unnoticeable when installed in the ceiling or any other place where space is a problem. The quantum comes standard in two different quality finishes; etruscan bronze and pearl white.



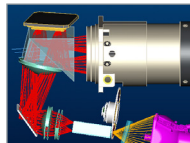
The avielo quantum supports the most common colour gamuts. Each projector is uniquely characterised and calibrated at the factory, ensuring best possible image quality. With the use of our own revolutionary RealColor colour management suite, the avielo quantum features near unmatched colour accuracy.



The avielo quantum is compatible with HDMI 1.3a, and 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 / 100ft<sup>1</sup> copper digital cables without signal loss at 1080p resolution.



The quantum series optics has had its optics completely redesigned from the predecessor. With higher resolution, lower dispersion and chromatic aberration, improved contrast, and greatly improved image quality, the new lenses far surpass that of standard plastic lenses used by competing products. Unmatched attention to detail sets the quantum in a league by itself.

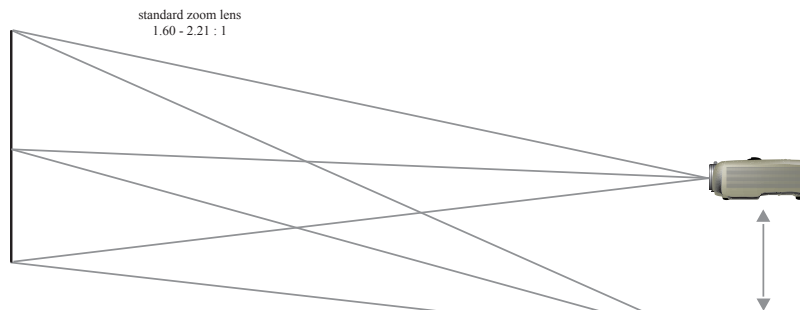


A massive molded magnesium chassis acts as a heat sink, and reduces operating noise. The sturdy chassis creates an incredibly stable platform for optics, mechanics and electronics. Lamp change is easy - out of the front panel of the projector without need to dismount it in the installation.



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

## High quality projection lenses



## Lens shift enables flexible installations

The quantum features 0 - 100% vertical lens shift. That means more flexibility with installations and no keystone correction needed for a perfectly rectangular image.

## Technical specifications

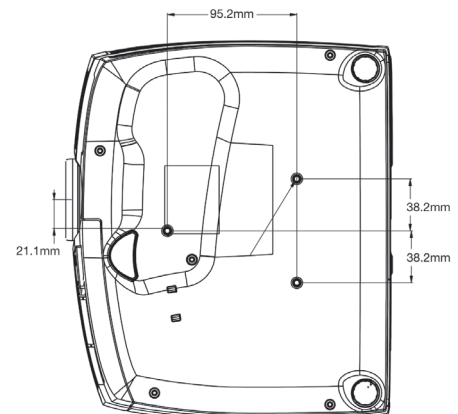
		avielo quantum
projector		1080p home cinema DLP® projector
display	concept	single chip, 0.95" 1080p DC4 DMD™ BrilliantColor™ technology 1920 x 1080 resolution 6-segment, 7x colour wheel, RGBRGB
	compatibility	1080i/p, 720p, 576i/p, 480i/p, PAL SECAM, NTSC digital and analogue RGB
optics and lamp	available lenses	0.74 : 1, 0.92 : 1, 1.6 - 2.21 : 1, 2.7 - 4.2 : 1
	lens shift	approximately 100% vertical (for standard and tele zoom)
	contrast	>4000 : 1 (native optical contrast)
	brightness	about 1000 ANSI lumens, adjustable
	lamp	220W FusionPlus VIDI UHP™, adjustable power, 170 - 220W
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, RGBS, 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 (excluding lens)
	weight	About 3 kg (depending on lens)
	available colours	etruscan bronze and white
	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 (diag.)		distance to screen (cm)		foot lamberts
	cm	inches	min	max	
160 x 90		72	256	336	30
182 x 103		82	291	382	24
203 x 114		92	324	426	20
221 x 125		100	354	464	16
234 x 132		106	374	491	13
244 x 137		110	390	512	11

± 5% tolerances

## Standardised bolt-on ceiling mount interface



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