

# Orion Cinemascope



R E S I D E N T I A L



**Key features**

Barco Residential projectors are designed and manufactured in-house with the greatest of care. Because our fervent desire is to serve you with the best image quality available anywhere, we keep it all in-house, with direct control over all development and manufacturing.

The Orion Cinemascope uses a new high-capacity DLP chip, developed by Barco engineers in partnership with Texas Instruments, which allows an image of 2,560 x 1,080 resolution to be displayed in the home without the use of additional anamorphic lenses.

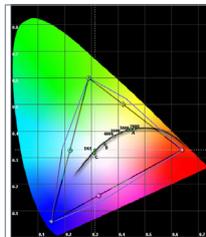
The Barco Residential Cinemascope format uses 78% more pixels for native 2.37:1 versus a standard 1080p projector with a Blu-ray disc 2.37:1 format movie. This increase in resolution is achieved without compromising image quality: when the image goes from 1.78 to 2.35, the projector uses increased native resolution to expand the width and height uniformly.

The Barco Residential Orion Cinemascope is the world's first lamp-based single-chip DLP® projector that combines native cinemascope aspect ratio (2,560 x 1,080) resolution with active stereo 3D and high frame rates, not only through HDMI, but also through our HDBaseT.

A quiet machine, the Orion Cinemascope also features RealColor™ color management and high frame rates. The Orion Cinemascope boasts four different digital input sources, and it comes with a wide range of expansion modules and lenses for ultimate flexibility. The Orion Cinemascope is a small and compact projector, designed for a dedicated cinema room or a living room in which you want the cinemascope aspect ratio.

With its high-performance optics that delivers razor-sharp images, the Orion Cinemascope displays flawless images with vivid and saturated colors, and rich in contrast. Producing very low noise levels, the Orion Cinemascope also features RealColor™ color management, Smear Reduction Processing™ and high frame rates. The Orion boasts four different digital input sources

This product is a professional product and need to be installed by professional integrators certified by Barco.



**Technical specifications**

projector		2.37:1 DLP® projector (2560x1080 native)
display	concept	single chip projector with all glass optical design with replaceable projection lenses and lens shift
	Housing	sealed DMDs and optical assembly
	compatibility	2K/1080i/p, 720p, 576i/p, 480ip, PAL SECAM, NTSC digital and analogue RGB
optics and lamp	projection lenses	0.79, 0.99, 0.86 - 1.16, 1, 1.14 - 1.74, 1.71-2.37 : 1
	Brightness	1500 and 3800 lumens
	lens offset	adjustable: vertical and horizontal, depending on lenses
	contrast	>2300-5300* : 1 ( *w/iris)
	lamp	350W UHP Lamp
connection	video	1x DVI Dual Link
		2x DisplayPort 1.2a
		1 x HDMI 1.4a
		1x HDBaseT
		2x BNC (SYNC) (I/O)
		1x Network (RJ45)
		1 USB
1x Mini Din (Sync in/out)		
control	control	2x BNC (SYNC) (I/O)
		1x Network (RJ45)
		1 USB
		1x Mini Din (Sync in/out) USB RS-232 interface (DB9)
general	power requirements	100-240V 50-60Hz
	dimensions (d x w x h)	342 x 306 x 143 (WxDxH)mm (excluding lens)
	weight	7,6 kg / 16,76 lbs (excluding lens)
	Ambient temperature	0-40°C / 104°F Max.
	warranties	limited 3 years warranty. Up to five years extended warranty
Installation		Table top or ceiling mount



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