

# Bifrost Cinemascope



Bifrost Cinemascope is Barco Residential's smallest Cinemascope bezel-less pixel pitch product from the new TruePix product range. But it's not all about pixel pitch, Direct view LED walls is about the source and how the source is delivered from the content player through our new processor before it hit's the panel. This is where Barco Residential is standing out from the crowd. We have developed a completely new processor for our TruePix panels which together with the TP09QScope reproduces a revolutionary viewing experience with an highly dynamic, yet very realistic image.

Lean back in your favorite fauteuil and switch on your system. Pick content from your favorite media player and enjoy a viewing experience that, up to now, was simply unavailable outside a private movie theatre in a remote corner of your home.

**What is TruePix**  
TruePix

**Product specifications****BIFROST CINEMASCOPE**

General specifications	
Resolution	5120 x 2160
Pixel pitch	0.953
Pixel per module	640 x 360 (HxV)
Number of tiles	48
Brightness	>600 Nits
Brightness uniformity	>98%
Image processing	23 bit
Color depth	16 bit (281 trillion colors)
Contrast	9,000
HDR	HLG / HDR10 supported
Dimming	0-100%
Shaders	No
Refresh rate	3,840 hz
Frame rate	24 / 25 / 29.97 / 30 / 47.95 / 48 / 50 / 59.94 / 60 / 100 / 119.88 / 120 / 144 Hz
Hor. viewing angle	160° +/-5°
Vert. viewing angle	160° +/-5°
Control	Infinipix® Gen2
Communication	tbc
3D	3D Supported
Dimensions (WxLxH)	487.92 x 205.86 cm (192,08 x 81 inches)
Weight / Tile	8.2kg/tile (single PSU) 8.6 kg/tile (dual PSU)
Weight	393.6kg (single PSU), 412.8 kg (dual PSU)
Operating humidity	10% -80%
Operating temperature	-10°C to +40°C / 14°F to 104°F
IP rating	IP30
Power consumption	735 W/m <sup>2</sup> (max) = total 7.38kW 254 W/m <sup>2</sup> (typ) = total 2.55kW less than 10 W/m <sup>2</sup> (standby) = less than 100W total
BTU per hour	2,506 BTU/h/m <sup>2</sup> (max) 1,136 BTU/h/m <sup>2</sup> (typ)
Power requirements	110-130V/200-240V, 50-60 Hz
Installation	Self-leveling with surface tolerance compensation
Serviceability	Full front & full back service
Module replacement	Automated parallel motorized extraction
Module placement	Guided module placement
Ergonomics	SteadyView driver algorithm to reduce eye fatigu
Certifications	E, UL, FCC class A, RoHS, WEEE, REACH, CCC, RCM
Warranty	3 years, can be extended up to 8 years

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