Bifrost

The Northern Lights were not an unusual sight for people living in the far North and were a popular theme in folklore and superstition. In old Norse mythology, the northern lights were said to be Bifrost, the bridge between Åsgard and Midgard.Bifrost is Barco Residential's smallest 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 completly new processor for our TruePix panels which together with the Bifrost reproduces a revolutionary viewing experience with an highly dynamic, yet very realistic image.

What is TruePix
TruePix

Product specifications	BIFROST
General specifications	
Resolution	3840 x 2160
Pixel pitch	0.9
Pixel per module	640 x 360 (HxV)
Number of tiles	36
Brightness	>600 Nits
Brightness uniformity	>98%
Image processing	23 bit
Color depth	16 bit (281 trillion colors)
Contrast	9,000:1
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	Infinpix® Gen2
Communication	tbc
3D	3D Supported
Dimensions (WxLxH)	365.94 x 205.86 cm (144,06 x 81 inches)
Weight / Tile	8.2kg/tile (single PSU) 8.6 kg/tile (dual PSU)
Weight	295.2kg (single PSU), 309.6 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/m² (max) = total 5.53kW 254 W/m² (typ) = total 1.91kW less than 10 W/m² (standby) = less than 75W total
BTU per hour	2,506 BTU/h/m² (max) 1,136 BTU/h/m² (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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ENABLING BRIGHT OUTCOMES

BARCO