

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 hits 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 Bifrost reproduces a revolutionary viewing experience with an highly dynamic, yet very realistic image.

What is TruePix
TruePix

Product specificaties**BIFROST**

General specifications	
Resolutie	3840 x 2160
Pixelpitch	0.9
Pixel per module	640 x 360 (HxV)
Number of tiles	36
Helderheid	>600 Nits
Helderheidsuniformiteit	>98%
Beeldverwerking	23 bit
Kleurdiepte	16 bit (281 trillion colors)
Contrast	9,000:1
HDR	HLG / HDR10 supported
Dimmen	0-100%
Shaders	No
Vernieuwingssnelheid	3,840 hz
Framesnelheid	24 / 25 / 29.97 / 30 / 47.95 / 48 / 50 / 59.94 / 60 / 100 / 119.88 / 120 / 144 Hz
Hor. kijkhoek	160° +/-5°
Vert. kijkhoek	160° +/-5°
Controle	Infinpix® Gen2
Communicatie	tbc
3D	3D Supported
Afmetingen (B x L x H)	365.94 x 205.86 cm (144,06 x 81 inches)
Gewicht / tegel	8.2kg/tile (single PSU) 8.6 kg/tile (dual PSU)
Gewicht	295.2kg (single PSU), 309.6 kg (dual PSU)
Vochtigheid in bedrijf	10% -80%
Bedrijfstemperatuur	-10°C to +40°C / 14°F to 104°F
IP-classificatie	IP30
Energieverbruik	735 W/m ² (max) = total 5.53kW 254 W/m ² (typ) = total 1.91kW less than 10 W/m ² (standby) = less than 75W total
BTU/uur	2,506 BTU/h/m ² (max) 1,136 BTU/h/m ² (typ)
Voedingsvereisten	110-130V/200-240V, 50-60 Hz
Installatie	Self-leveling with surface tolerance compensation
Onderhoudsgemak	Full front & full back service
Vervangen Module	Automated parallel motorized extraction
Plaatsen Module	Guided module placement
Ergonomie	SteadyView driver algorithm to reduce eye fatigu
Certificeringen	E, UL, FCC class A, RoHS, WEEE, REACH, CCC, RCM
Garantie	3 years, can be extended up to 8 years

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