

# 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**

**Technische Daten****BIFROST**

Allgemeine technische Daten	
Auflösung	3840 x 2160
Pixelpitch	0.9
Pixel pro Modul	640 x 360 (HxV)
Number of tiles	36
Helligkeit	>600 Nits
Helligkeitsgleichförmigkeit	>98%
Bildverarbeitung	23 bit
Farbtiefe	16 bit (281 trillion colors)
Kontrast	9,000:1
HDR	HLG / HDR10 supported
Dimmen	0-100%
Shader	No
Bildwiederholffrequenz	3,840 hz
Bildrate	24 / 25 / 29.97 / 30 / 47.95 / 48 / 50 / 59.94 / 60 / 100 / 119.88 / 120 / 144 Hz
Hor. Betrachtungswinkel	160° +/-5°
Vert. Betrachtungswinkel	160° +/-5°
Bedienung	Infinpix® Gen2
Kommunikation	tbc
3D	3D Supported
Abmessungen (BxTxH)	365.94 x 205.86 cm (144,06 x 81 inches)
Gewicht/Modul	8.2kg/tile (single PSU) 8.6 kg/tile (dual PSU)
Gewicht	295.2kg (single PSU), 309.6 kg (dual PSU)
Luftfeuchtigkeit bei Betrieb	10% -80%
Betriebstemperatur	-10°C to +40°C / 14°F to 104°F
IP-Klasse	IP30
Stromverbrauch	735 W/m <sup>2</sup> (max) = total 5.53kW 254 W/m <sup>2</sup> (typ) = total 1.91kW less than 10 W/m <sup>2</sup> (standby) = less than 75W total
BTU pro Stunde	2,506 BTU/h/m <sup>2</sup> (max) 1,136 BTU/h/m <sup>2</sup> (typ)
Stromversorgungsanforderungen	110-130V/200-240V, 50-60 Hz
Installation	Self-leveling with surface tolerance compensation
Wartungsfreundlichkeit	Full front & full back service
Modulwechsel	Automated parallel motorized extraction
Platzierung der Module	Guided module placement
Ergonomie	SteadyView driver algorithm to reduce eye fatigu
Zertifizierungen	E, UL, FCC class A, RoHS, WEEE, REACH, CCC, RCM
Gewährleistung	3 years, can be extended up to 8 years

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Die angegebenen Informationen und Daten sind typisch für das beschriebene Gerät. Jede Spezifikation kann sich aber ohne vorherige Ankündigung ändern. Die aktuelle Version dieser Broschüre finden Sie unter [www.barco.com](http://www.barco.com).