

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 Ásgard 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

기술 사양

BIFROST

일반 사양	
해상도	3840 x 2160
픽셀 피치	0.9
모듈당 픽셀	640 x 360 (HxV)
Number of tiles	36
밝기	>600 Nits
밝기 균일도	>98%
영상 처리	23 bit
색도	16 bit (281 trillion colors)
명암비	9,000:1
HDR	HLG / HDR10 supported
조도 조절	0-100%
웨이더	No
리프레시 속도	3,840 hz
프레임 속도	24 / 25 / 29.97 / 30 / 47.95 / 48 / 50 / 59.94 / 60 / 100 / 119.88 / 120 / 144 Hz
수평 시야각	160° +/-5°
수직 시야각	160° +/-5°
컨트롤	Infinipix® Gen2
통신	tbc
3D	3D Supported
크기(WxLxH)	365.94 x 205.86 cm (144.06 x 81 inches)
무게/타일	8.2kg/tile (single PSU) 8.6 kg/tile (dual PSU)
무게	295.2kg (single PSU), 309.6 kg (dual PSU)
작동 습도	10% -80%
작동 온도	-10°C to +40°C / 14°F to 104°F
IP 등급	IP30
전력 소비	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
시간당 BTU	2,506 BTU/h/m ² (max) 1,136 BTU/h/m ² (typ)
전원 요구 사항	110-130V/200-240V, 50-60 Hz
설치	Self-leveling with surface tolerance compensation
용이성	Full front & full back service
모듈 교체	Automated parallel motorized extraction
모듈 배치	Guided module placement
인체공학	SteadyView driver algorithm to reduce eye fatigu
인증	E, UL, FCC class A, RoHS, WEEE, REACH, CCC, RCM
보증	3 years, can be extended up to 8 years

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