



ENABLING BRIGHT OUTCOMES



VI grade ZPS summit, Tokyo 2023

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The electronics backbone that is integrated in all our projection platforms

- High quality electronic processing
- Unified across the portfolio / learn only once
- Future-proof and upgradable

Using Pixel shift to achieve higher resolutions

- Via Single Step Processing (SSP™) - performing all processing tasks within 1 frame
- Industry's lowest latency

Warping & Blending

- Embedded in the projector software
- Open API, based on JSON protocol

High bandwidth electronics

- Supporting High Frame Rates & Resolution up to 4K @240Hz or 8K @60Hz
- Supports Smear Reduction Processing (SRP™)
- Supports Constant Light Output (CLO)

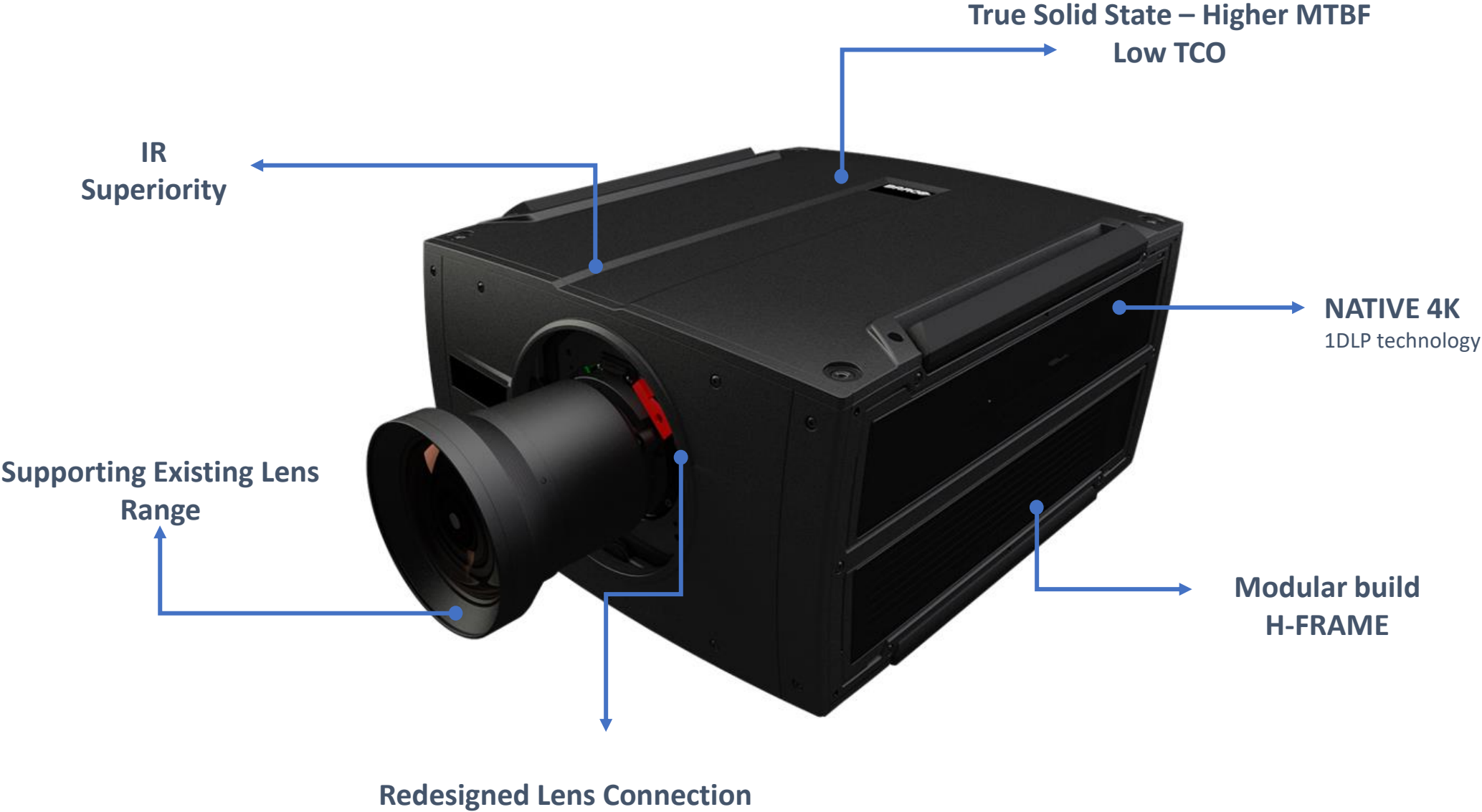
Barco Pulse

The beating heart of our projectors

Projector portfolio 2023

FL40	F400 NEW	F70	G50 NEW	G60/G62	F80
					
Up to 240Hz	Up to 240Hz	Up to 120Hz	Up to 120Hz		Up to 120Hz
	NEW '23		NEW '23		
2,870 lm* 3,300 lm*	5,000 lm* 5,100 lm*	3,800 lm* 5,400 lm* 5,900 lm* 7,500 lm* 8,000 lm*	6,400 lm 7,400 lm 8,900 lm	7,000 lm 9,500 lm 11,000 lm 13,600 lm	7,500 lm 9,600 lm 12,000 lm
4K UHD / WUXGA resolution	6K / 4K native / 4K UHD resolution	4K UHD / WUXGA resolution	WUXGA resolution	WUXGA resolution	4K UHD / WQXGA resolution
Barco Pulse	Barco Pulse NextGen	Barco Pulse			Barco Pulse
FLD+ & FLDX lenses	FLD+, FLDX & FLC lenses	FLD+ & FLDX lenses	G lenses	G lenses	FLD+, FLDX & GLD lenses
LED light source	Static laser- phosphor light source	Laser- phosphor light source	Laser- phosphor light source	Laser- phosphor light source	Laser- phosphor light source

The F400-series Explained



Native 4K, 1-DLP

Specifications 2023

Brightness	5.300 ANSI lms	RGB mode@D6500 @ ~2000:1 contrast
Resolution	4096 x 2176	Full addressing of all pixels available
Illumination	Laser	Laser based «RGB», NO color Wheel
	Laser + LED(IR)	Dedicated pulsed IR light source
Contrast (Seq)	Min target 2000 :1	
Contrast (Dyn)	> 100 000 : 1	
Size	WxDxH: 472x562/542x286	Front Cover, removable
Weight	30kg	
Refresh	120Hz @4K	240Hz in bypass mode (no WARP)
Pixel Shift	2/4 positions	Internal and IG pixel shift
3D	Active + de-polarized (TBC)	
Illumination lifetime	25,000h @Full power	Longer lifetime; Dimming and modes (SRP)
Lenses	New Lenses + adapter for EN6/4x	

