BenQ

Because it matters

Dealer's Stamp

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BlueCore Laser Projectors from the World's No. 1 DLP Brand

Take Advantage of Long-Lasting DLP Pure Color

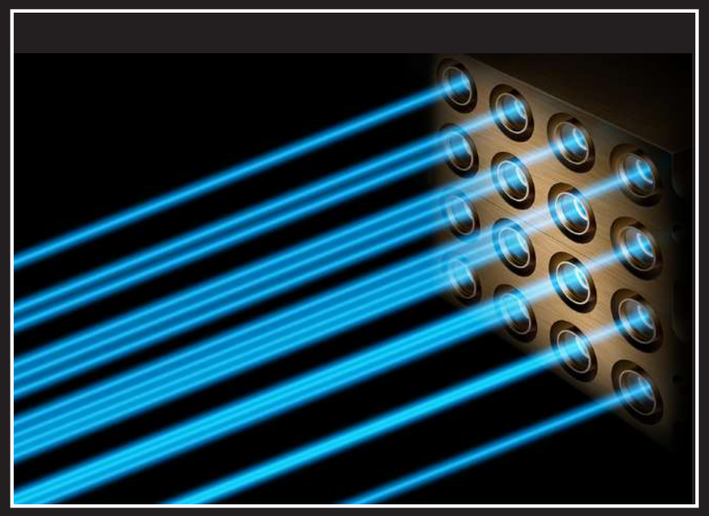
BLUECORE LASER

Museums/Entertainment Exhibitions Boardrooms Control Rooms Staging

BenQ

Because it matters

Professional BlueCore Laser Projectors from the World's #1 DLP Brand



BenQ, the world's No.1 DLP brand, introduces a full line of innovative projectors featuring proprietary BlueCore DLP high brightness laser technology for large venue applications. Combining high brightness, excellent image quality, installation flexibility, and a maintenance-free laser light source, BenQ BlueCore Laser Projectors enable immersive public displays and innovative visual communication in ways never before possible.

Our 1 chip DLP projectors are engineered with dual color wheels to optimize the high output of the laser light source, LU9715 generating 8000 ANSI lumens from its BlueCore laser light engine. As a result, we are able to harness the dramatic performance benefits of laser technology to maintain superior image quality for over 20,000 hours without lamp replacement. Our innovative Dual-Array laser engine modules are configured as a safeguarded system to ensure dependable 24/7 operation, allowing installation at any angle as well as portrait orientation, enabling brand-new methods of projection in a wide range of applications.

LU9715 WUXGA | 8000 lm

- 1-Chip DLP 8000 lm with Laser Light Source
- 100,000:1 Contrast Ratio
- Motorized Lens Control
- 8 Optional Lenses for Diverse Applications
- Built-in Edge Blending and Geometric Correction
- 360° and Portrait Projection
- Dust-Proof Design

LU9235 WUXGA | 6000 lm

LX9215 XGA | 6000 lm

- 1-Chip DLP 6000 lm with Laser Light Source
- 100,000:1 Contrast Ratio
- 5 Optional Lenses for Diverse Applications
- Corner Fit Correction
- 360° and Portrait Projection
- Dust-Proof Design

Laser Projection System

BlueCore Laser Light Source

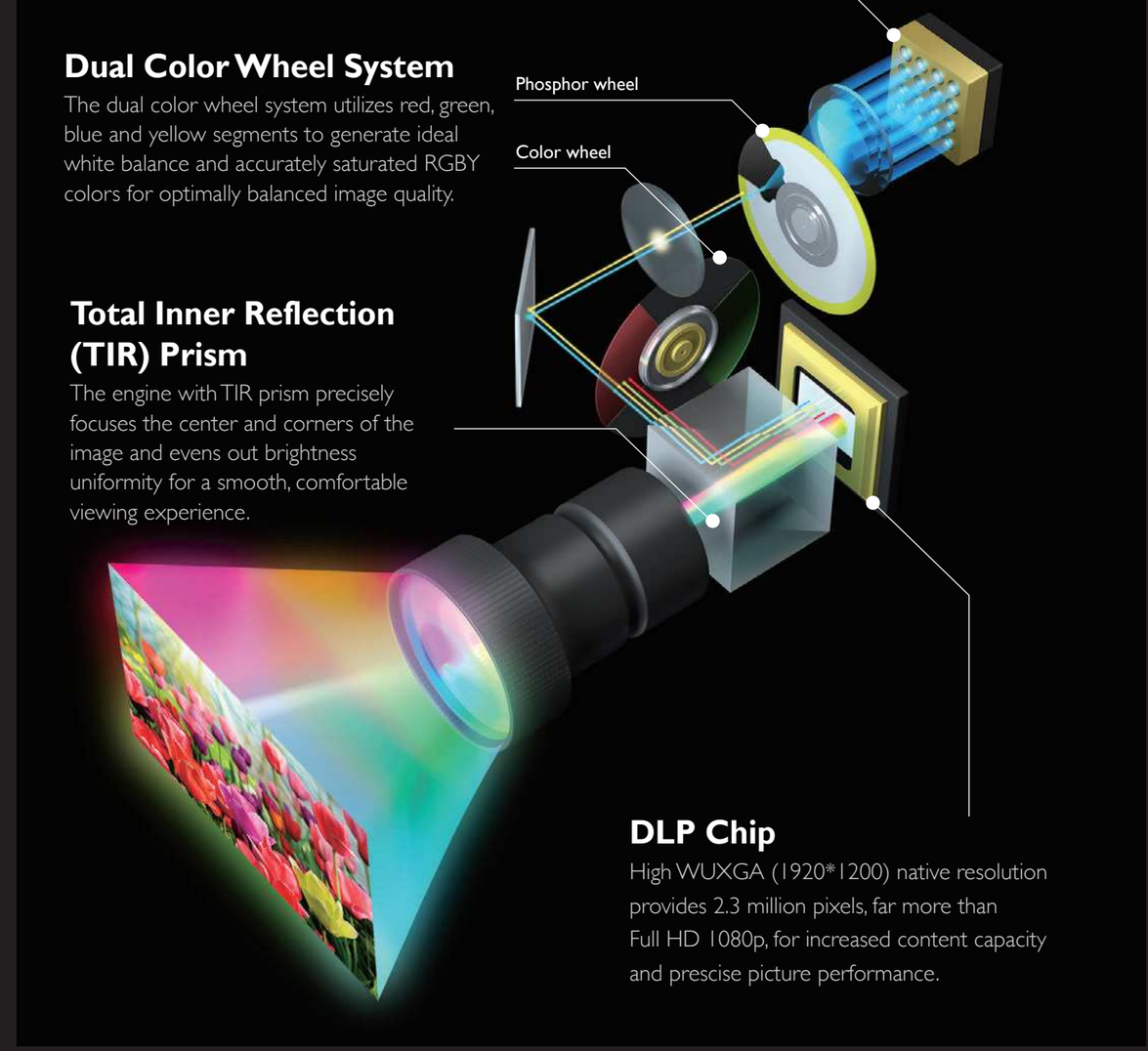
BlueCore laser modules produce high brightness output with failsafe redundancy.

Dual Color Wheel System

The dual color wheel system utilizes red, green, blue and yellow segments to generate ideal white balance and accurately saturated RGBY colors for optimally balanced image quality.

Total Inner Reflection (TIR) Prism

The engine with TIR prism precisely focuses the center and corners of the image and evens out brightness uniformity for a smooth, comfortable viewing experience.



DLP Chip

High WUXGA (1920*1200) native resolution provides 2.3 million pixels, far more than Full HD 1080p, for increased content capacity and prescise picture performance.

GLOBAL #1 DLP Projector Brand

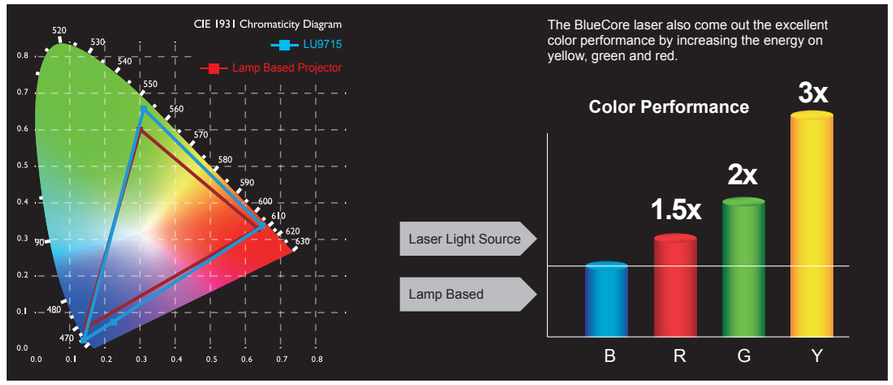
BLUECORE LASER

Superior Image Quality

LU9715 | LU9235 | LX9215

BlueCore Laser for Pure Color

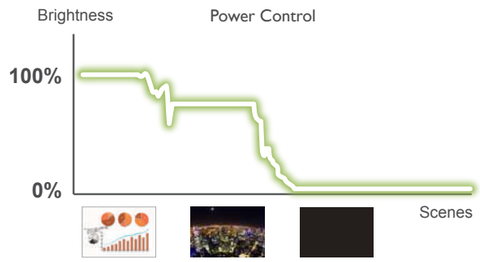
To harness the high output of the powerful laser light source, BenQ engineers utilized dual color wheels for BlueCore Laser Projectors to significantly improve pure RGBY colors achieved by eliminating the white segment of a conventional color wheel. Through an ideal mixture of the red, green, blue and yellow color segments, BenQ Laser Projectors produce brilliant color and a wider color gamut than conventional lamp-based projectors. Balanced RGBY optimization makes high color projection more efficient while also resulting in pure white and brightness which is ideal for presentations.



LU9715 | LU9235 | LX9215

The Ultimate Impact of Ultra-High Contrast

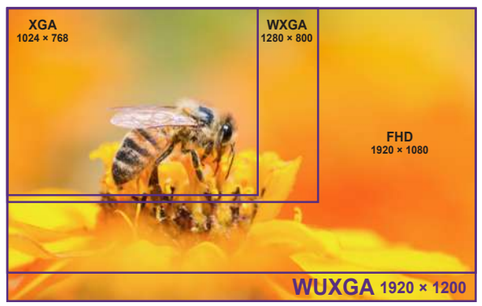
BenQ BlueCore Laser Projectors directly control light output for faster response and strikingly clear images at a super-high contrast ratio of 100,000:1 with automatic brightness adjustments to retain clarity and subtle details in dark scenes and balance in bright scenes.



LU9715 | LU9235

WUXGA Resolution for Enhanced Detail and Expanded Content

With an impressive WUXGA (1920 x 1200) native resolution that far exceeds Full HD 1080p, BenQ BlueCore Laser Projectors can project large-scale images and uncompressed video, offering 2.3 million pixels, far more than Full HD, for greater detail and stunning clarity when high-resolution images are projected. As a result, BenQ Laser Projectors preserve readability even while projecting more information than conventional Full HD projectors.



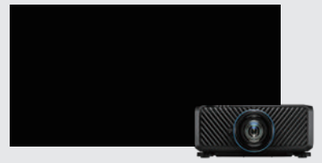
WUXGA offers great detail for large-scale high-resolution projections.
(Example of WUXGA clarity on 200" projection)

LU9715 | LU9235 | LX9215

True Black in Blank Function

BenQ BlueCore Laser Projectors feature full direct control of laser light output, achieving true black in Blank function to eliminate light intrusion and enable customized energy conservation. Full laser output control also enables spontaneous response, requiring no wait to turn on or resume from Blank Function.

Lamp Based Without Shutter
· Blank function: 30% power output
· Black image looks grey



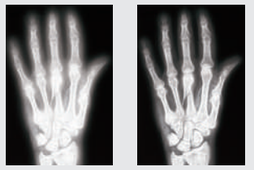
True Black by Laser Light Source
· Blank function: 0% power output
· True black output

Blank Function Control Hotkey

LU9235 | LX9215

DICOM X-ray Imaging

DICOM (Digital Imaging and Communication in Medicine) is a standard for handling, storing, printing and transmitting medical imaging information. DICOM Simulation Mode is ideal for viewing grayscale medical images, such as X-rays, with an advanced grayscale level for training and educational purposes.



Presentation Mode | DICOM Simulation Mode

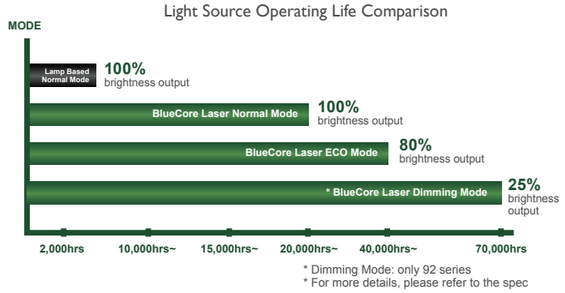
Enduring Reliability

LU9715 | LU9235 | LX9215

Guaranteed Performance for 20,000 Hours

BenQ BlueCore Laser Projectors are guaranteed for 20,000 hours of superior image quality performance. Compared to lamp based projector, the laser light source resists color decay over time, making BenQ Laser Projectors ideal for multiple blending projections without concern that adjacent projectors may generate different levels of brightness after a period of operation. Choose from different light source modes to optimize energy use and extend the life of your projector.

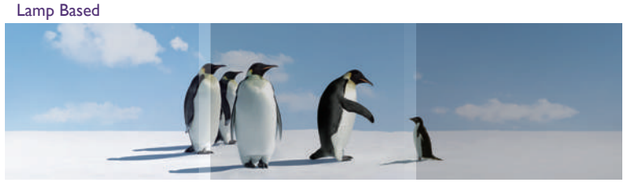
Light Source Operating Life Comparison



* Dimming Mode: only 92 series
* For more details, please refer to the spec

24/7 operation BenQ BlueCore Laser Projectors support continuous 24/7 operation and are suitable for applications in museums or public exhibitions.

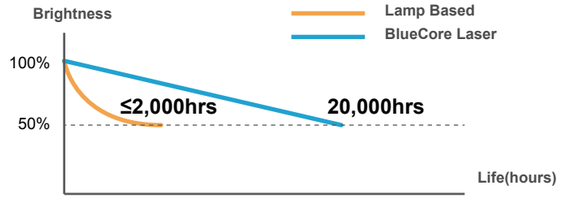
Lamp Based



BlueCore Laser

Brightness Decay Over Time (Multiple Edge Blending Scenario)

Brightness Comparison Over Time



LU9715 | LU9235 | LX9215

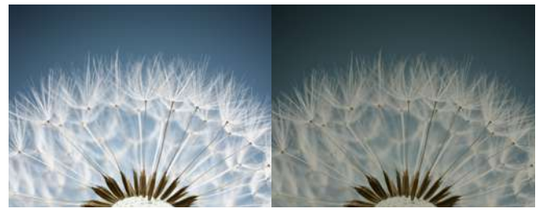
DLP Virtually Eliminates Color Decay

BenQ BlueCore Laser Projectors are based on the absolute reliability of the 1 chip DLP design. Comprising over two million micro-mirrors that reflect pure light through the color wheel, the highly durable DLP chip is rated to last over 100,000 hours without degradation. Due to the incredible high precision of the micro-mirrors design, the DLP chip experiences little to no aging or heat damage, ensuring true-to-life colors and pristinely legible text for the duration.

BenQ DLP Projector

Original Color  After Six Months of Use 

Non-DLP Projector



Original Color  After Six Months of Use 

BenQ DLP Projectors maintain the most vivid, crisp images and boundless picture perfection by eliminate color decay.

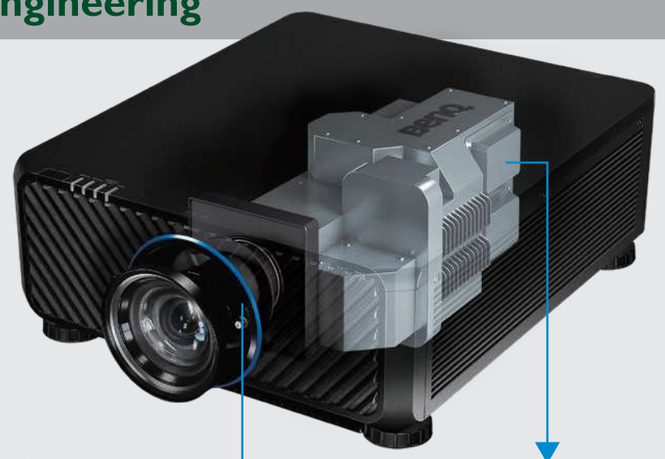
Advanced Reliability Engineering

LU9715 | LU9235 | LX9215

Superior Dustproofing for Severe Conditions

Projectors in high-traffic public areas such as lecture halls, exhibitions can rapidly accumulate dust, causing brightness degradation, reduced picture quality and shortened product lifespan. BenQ BlueCore Laser Projectors are designed with sealed laser modules and enclosed light engines to protect the DMD chip, color wheel sensor, laser bank and other optical components.

*Dust chamber test standard : JIS Class8



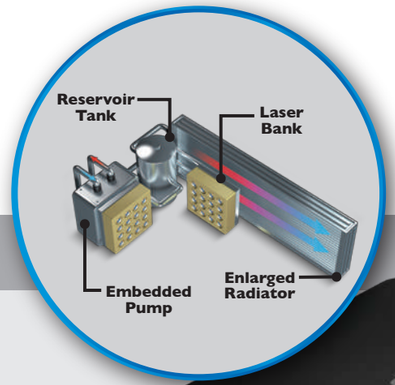
Seamlessly sealed lens mounting provides dustproof protection for internal DLP engine.

Sealed engine protects laser bank and color wheel system

LU9715

Advanced Liquid Cooling System

BenQ BlueCore Laser Projectors employ a specially developed liquid cooling system to protect the laser engine even for stable operation in working temperatures up to 40 °C (104 °F). The innovative liquid cooling system, which compared to fan-cooling projector operating by heat extraction, producing a smooth, comfortable sound with increased reliability.



Excellent Installation Flexibility

LU9715 LU9235 LX9215

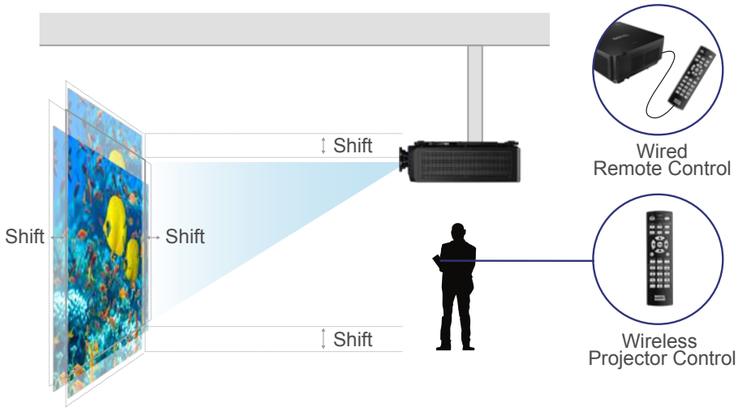
Zoom, Focus, Lens Shift

The convenience and wide range of the zoom, focus and horizontal/vertical lens shift systems deliver perfectly proportioned images despite installation or placement challenges in any venue.

LU9715

Motorized Lens Control

Simple remote-control commands for omnidirectional adjustments to projection targets eliminate manual labor to relocate/reconstruct mounting locations.



Wired
Remote Control

Wireless
Projector Control

LU9715 LU9235 LX9215

360° and Portrait Projection Accommodate Different Spaces

BlueCore laser technology guarantees reliable projection from any angle. Dynamic installation options such as 360° rotation and portrait applications, allowing projection onto ceiling, walls, floors or angled signage. The possibilities of impactful visuals in shopping centers, galleries, museums and stages are endless.

Portrait Application

LU9715 LU9235 LX9215

Multiple Lenses for Diverse Applications

BenQ BlueCore Laser projectors can accept up to 8 selectable optional lenses comprising short-throw to long-throw ranging from TR 0.38 to TR 8.19*. Featuring all-glass construction for ultra-clear focus and high apertures for brighter images, these lenses are made in Japan for the highest optical quality control. All-glass optics eliminate chromatic and color flare for utmost image quality. Maximize installation options and projection layout, a quick one-button release makes changing lenses simple and secure.

*LU9715 for 8 optional lenses; 92 series for 5 optional lenses.
*For more details, please refer to the spec.

A quick-release button makes changing lenses simple and secure.

One Button to release Lens

LU9715

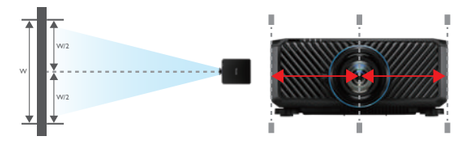
Lens Memory

Equipped with ten customizable memory settings for image size, position, and focus, the projector detects and optimizes source material with various aspect ratios onto the projection area. Users can easily recall lens settings without tedious adjustments, such as when maximizing full-screen viewing of different aspect ratios onto a 2.35:1 screen for a cinematic experience.

LU9715 LU9235 LX9215

Intuitive Central Lens Design

Designed with the lens in the center of the machine, a new symmetrically centered lens design allows easy installation without the need for special considerations for offset installation. Additionally, in cases where horizontal or vertical lens shift has been applied, a hotkey quickly returns the projector to factory default for use in different environments and installations.

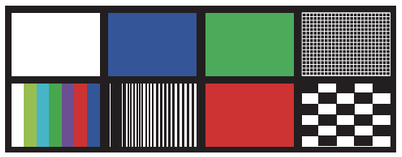


W=width of image

LU9715 LU9235 LX9215

Built-in Test Patterns

Precision installation and setup is facilitated by various integrated test patterns, which allow easy calibration of linearity color fidelity, bleed, and distortion.



LU9715 LU9235 LX9215

Dual Carrying Handles

Dual side handles located at the bottom of the projector increase portability and allow two people to carry the projector comfortably.

Excellent Installation Flexibility

LU9715 LU9235 LX9215

Geometric Correction

Corner fit for 4 corners and Surface fit for pincushion and barrel offer convenient control to form perfectly aligned images. Corner Fit offers individual adjustment of each corner to fit the image into difficult corners, and surface fit enables alignment onto uniquely shaped or curved projection surfaces.*

Corner Fit for 4 Corners

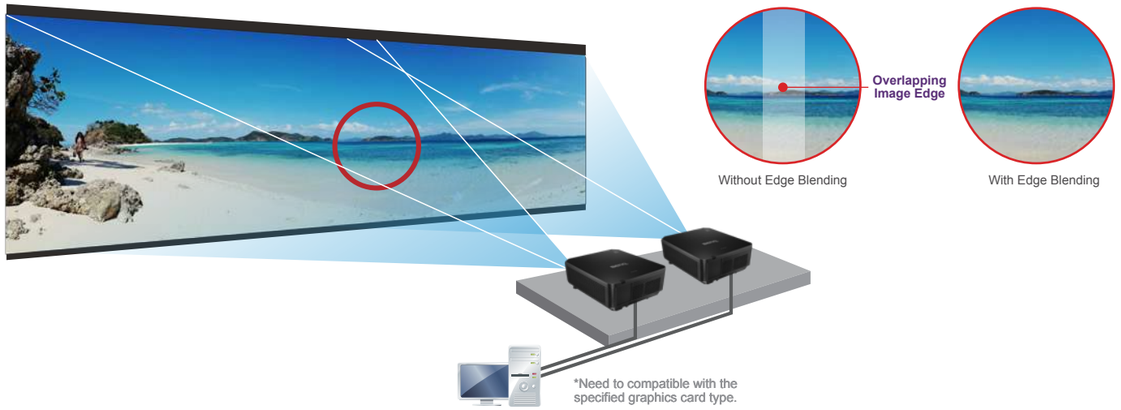
Surface Fit for Pincushion and Barrel

*only LU9715

LU9715

Integrated Edge Blending Support

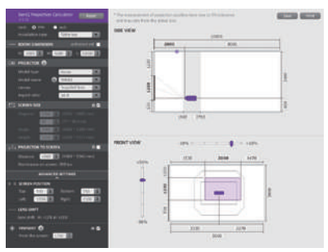
Edge Blending accounts for the intersecting area between adjacent images to adjust the brightness of the overlap at the edges to make multi-screen projection truly seamless. Color Matching function can then be used to calibrate any small differences in the color output profile of each projector to create stunning, supersize multi-projector displays with perfect alignment, brightness and color. Moreover, LU9715 features Picture-in-Picture (PIP) and Picture-by-Picture (PBP) for enhanced multi-source projection.



LU9715 LU9235 LX9215

BenQ Distance Simulation Online Tool

The next generation BenQ Projection Calculator is a free online tool that simplifies installation by helping to calculate projector positioning to inform interior design, IT purchases and projection accuracy. Understand your projector needs – including screen and projection size, distance and more – to clarify projector needs.

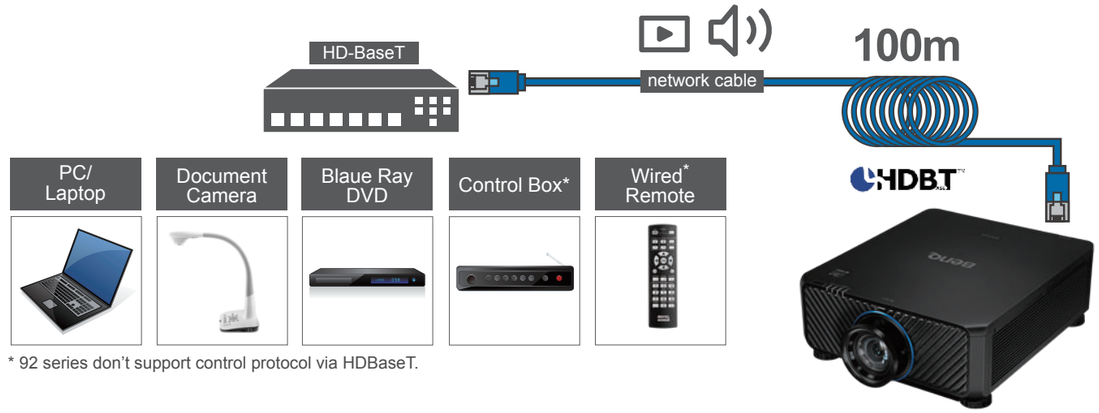


Compatibility Support

LU9715 LU9235 LX9215

HDBaseT Support

Groundbreaking HDBaseT connectivity combines video, audio, and device control signals from multiple sources including PCs, laptops document cameras, Blu-ray, DVDs onto a signal CAT5 cable, capable of lossless transmissions up to 100 meters. This incredibly efficient and cost-effectivity is also ideal for ceiling-mounted and other permanent installations.



* 92 series don't support control protocol via HDBaseT.

LU9715 LU9235 LX9215

Full Connectivity Across Formats

BenQ BlueCore Laser Projectors are comprehensively equipped with VGA, DVI, HDMI, LAN and 3G-SDI, as well as one-cable HDBaseT technology for high-quality connections to a variety of devices and video sources.

3G-SDI* widely used in the media and broadcast industry to transport uncompressed digital video signals.

3G-SDI
*only LU9715

Network Control and Management

LU9715 LU9235 LX9215

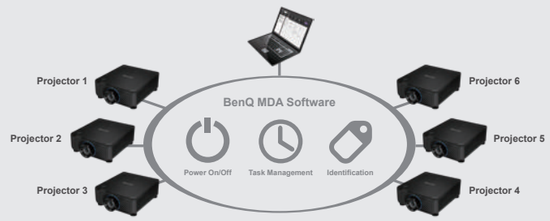
Network/Web Control

BenQ BlueCore Laser projectors are compatible with Creston, AMX and PJLink control systems for convenient system integration with various third-party components and reduced cost to centrally maintain multiple projectors.

LU9715 LU9235 LX9215

Stay in Control with BenQ MDA Software

BenQ Multiple Display Administrator (MDA) software dashboard enables projector control, identification and task management from a single computer. MDA can simplify routines such as opening and closing procedures with scheduling features and by allowing remote power on and off.



User Advantage

LU9715 LU9235 LX9215

Custom Light Mode

Custom Light Mode modulates light power output from 20% to 100% to optimize the projected image to a variety of ambient lighting situations, especially useful for blending consistent brightness across multiple projections. Fine luminance adjustments by each percentage ensure the ideal brightness level to enhance the visual experience in any environment, while extending the product lifespan.

LU9715 LU9235 LX9215

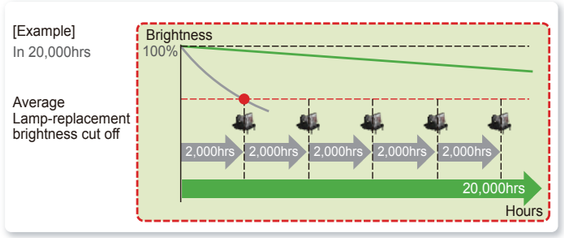
Quick On/Off

BlueCore laser powers up in half the time of a lamp-based projector, reducing wait time and power consumption. Quick On/Off is ideal for multi-projector venues such as museums and galleries to shorten opening and closing procedures.

LU9715 LU9235 LX9215

Laser Light Creates Value Over Time

The laser light source of BenQ BlueCore Laser Projectors is guaranteed for 20,000 hours of maintenance-free operation, saving on lamp replacement and maintenance costs. Based on the average brightness cut off of typical long-life lamps, BlueCore's value exceeds that of 10 lamp replacements over the life of the projector.

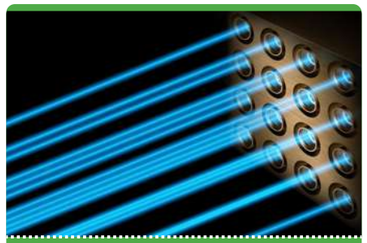


Lamp Based Solution

Example: 20,000hrs Operation=
10 extra maintenance cost

10 pcs Lamp Cost + 10 times Labor Cost

Laser Light Source Solution



20,000hrs without any extra maintenance cost

LU9715 LU9235 LX9215

Eco-Conscious Standby Modes

Adhering to strict European regulations, networked standby power consumption is cut down ti a miserly 6 watts to reduce environmental impact and total cost of ownership. When in eco mode, power consumption is a miniscule 0.5 watts.

ecoFACTS
csr.BenQ.com

- PVC-free plastic packaging
- BFR/PVC-free casing plastics
- Certain phthalate-free wires/cables
- Arsenic-free optical glass
- >85% recycled papers in packaging box
- Eco-friendly ink printing in packaging box and user manual

Control Room

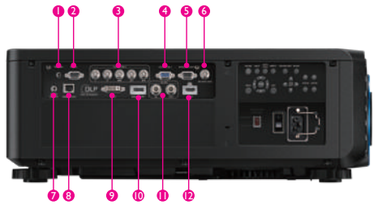
Staging


Museums/Entertainment

Specification

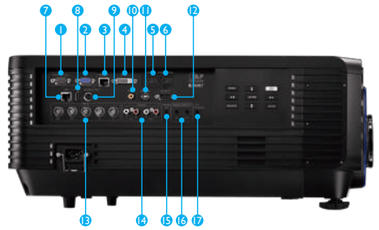
Terminals

LU9715



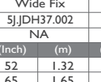
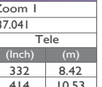
1. 12V Trigger
2. RS232
3. Computer 2 (BNC)
4. Computer 1(D-sub in 15pin)
5. Monitor out (D-sub 15pin)
6. 3D Sync out
7. Wired remote in
8. HDBaseT/LAN
9. DVI-D
10. Display Port
11. 3G-SDI in/out
12. HDMI

LU9235 / LX9215



1. Monitor out (D-sub 15pin)
2. PC 1(D-sub in 15pin)
3. HDBaseT
4. DVI-D
5. HDMI 1
6. HDMI 2/MHL
7. LAN (RJ45)
8. USB TypeA (1.5A power)
9. 3D Sync out
10. Video (Composite)
11. USB TypeB (Service)
12. RS232
13. PC 2 (BNC)
14. RCA Audio in/out L/R
15. Audio in (mini jack)
16. Wired remote in/out
17. 12V Trigger

Lens Table

	Lens	UST	Wide Fix	Ultra Wide	Wide Zoom	Standard	Semi Long	Long Zoom1	Long Zoom2
LU9715	Model Name	LS1ST4	LS1ST3	LS1ST2	LS1ST1	LS1SD	LS1LT1	LS1LT2	LS1LT3
	Part Number	5J.JCY37.001	5J.JAM37.011	5J.JAM37.061	5J.JAM37.021	5J.JAM37.001	5J.JAM37.051	5J.JAM37.031	5J.JAM37.041
	Throw Ratio	XGA:0.392 WXGA:0.395 WUXGA:0.377	XGA:0.79 WXGA:0.8 WUXGA:0.76	XGA:0.77-0.97 WXGA:0.75-0.93 WUXGA:0.75-0.93	XGA:1.31-1.85 WXGA:1.31-1.87 WUXGA:1.25-1.79	XGA:1.79-2.35 WXGA:1.81-2.38 WUXGA:1.73-2.27	XGA:2.33-3.81 WXGA:2.33-3.86 WUXGA:2.22-3.67	XGA:3.71-5.57 WXGA:3.76-5.64 WUXGA:3.58-5.38	XGA:5.5-8.56 WXGA:5.56-8.67 WUXGA:5.31-8.26
	Lens Shift	V:-3%~+7%* H:±5%	NA	V:0~+50% H:-10%~+10%	V:0~+50% H:-10%~+10%	V:0~+50% H:-10%~+10%	V:0~+50% H:-10%~+10%	V:0~+50% H:-10%~+10%	V:0~+50% H:-10%~+10%
	Picture	 *Central lens at 56.5%							

	Lens	Wide Fix	Wide Zoom	Standard	Semi Long	Long Zoom1
92 Series	Model Name	LS2ST3	LS2ST1	LS2SD2	LS2LT1	LS2LT2
	Part Number	5J.JDH37.002	5J.JDH37.011	5J.JEN37.001	5J.JDH37.032	5J.JDH37.041
	Throw Ratio	XGA:0.81 WXGA:0.82 WUXGA:0.778	XGA:1.14-1.347 WXGA:1.155-1.365 WUXGA:1.1-1.3	XGA:1.6-2 WXGA:1.62-2.03 WUXGA:1.54-1.93	XGA:2-3 WXGA:2.03-3.05 WUXGA:1.93-2.9	XGA:3.11-5.18 WXGA:3.15-5.25 WUXGA:3-5
	Lens Shift (XGA)	V:-10%~+50% H:-5%~+5%	V:-10%~+50% H:-5%~+5%	V:-10%~+50% H:-5%~+5%	V:-10%~+50% H:-5%~+5%	V:-10%~+50% H:-5%~+5%
	Lens Shift (WUXGA)	V:-15%~+55% H:-5%~+5%	V: -15%~+55% H:-5%~+5%	V:-15%~+55% H:-5%~+5%	V:-15%~+55% H:-5%~+5%	V:-15%~+55% H:-5%~+5%
	Picture					

Distance Chart

LU9715

Screen Size			UST		Wide Fix		Ultra Wide				Wide Zoom				Standard				Semi Long				Long Zoom1				Long Zoom2			
Diagonal	Width	Heigh	5JJCY37.001		5JJAM37.011		5JJAM37.061				5JJAM37.021				5JJAM37.001				5JJAM37.051				5JJAM37.031				5JJAM37.041			
			NA		NA		Wide		Tele		Wide		Tele		Wide		Tele		Wide		Tele		Wide		Tele		Wide		Tele	
(Inch)	(m)	(m)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)
80	2.03	1.72	1.08	-	-	52.0	1.32	50.8	1.29	63.8	1.62	84.9	2.16	121.8	3.09	117.0	2.97	154.3	3.92	150.5	3.82	251.4	6.39	242.7	6.16	367.3	9.33	359.4	9.13	567.0	14.40
100	2.54	2.15	1.35	-1	-0.024	65.5	1.66	63.9	1.62	80.2	2.04	106.6	2.71	152.7	3.88	147.0	3.73	193.5	4.92	188.9	4.80	315.0	8.00	304.3	7.73	460.4	11.70	452.1	11.48	711.6	18.07
120	3.05	2.58	1.62	5	0.127	78.9	2.01	77.1	1.96	96.6	2.45	128.4	3.26	183.6	4.66	176.9	4.49	232.8	5.91	227.6	5.78	378.6	9.62	366.7	9.31	553.6	14.06	544.9	13.84	856.2	21.75
150	3.81	3.23	2.02	14	0.354	99.1	2.52	96.8	2.46	121.1	3.08	161.0	4.09	230.0	5.84	221.8	5.63	291.6	7.41	285.0	7.24	474.1	12.04	459.4	11.67	693.3	17.61	684.0	17.37	1073.1	27.26
200	5.08	4.31	2.69	29	0.733	132.8	3.37	129.7	3.29	162.1	4.12	215.3	5.47	307.3	7.81	296.6	7.53	389.7	9.90	381.0	9.68	633.1	16.08	614.7	15.6	926.4	23.53	915.9	23.26	1434.7	36.44
300	7.62	6.46	4.04	59	1.489	200.1	5.08	195.4	4.96	244.0	6.20	324.0	8.23	461.9	11.73	446.3	11.34	585.9	14.9	573.2	14.56	951.2	24.16	924.0	23.47	1392.1	35.36	1379.6	35.04	2157.8	54.81
400	10.16	8.62	5.38	-	-	267.4	6.79	261.2	6.63	325.9	8.28	432.7	10.99	616.6	15.66	595.9	15.14	782.3	19.87	765.3	19.44	1269.7	32.25	1233.9	31.34	1857.9	47.19	1843.3	46.82	2880.9	73.18
500	12.70	10.77	6.73	-	-	334.8	8.50	326.9	8.30	407.7	10.36	541.5	13.75	771.2	19.59	746.6	18.94	978.3	24.85	957.4	24.32	1587.8	40.33	1543.7	39.21	2323.6	59.02	2307.1	58.60	3604.0	91.54

LU9235

Screen Size			Wide Fix		Wide Zoom				Standard				Semi Long				Long Zoom 1			
Diagonal	Width	Heigh	5J.JDH37.002		5J.JDH37.011				5J.JEN37.001				5J.JDH37.032				5J.JDH37.041			
			NA		Wide		Tele		Wide		Tele		Wide		Tele		Wide		Tele	
(Inch)	(m)	(m)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)
80	2.03	1.72	1.08	53	1.34	75	1.90	88	2.24	104	2.65	131	3.33	131	3.33	197	5.00	204	5.17	339	8.62
100	2.54	2.15	1.35	66	1.68	93	2.37	110	2.80	131	3.32	164	4.16	164	4.16	246	6.25	254	6.46	424	10.77
120	3.05	2.58	1.62	79	2.01	112	2.84	132	3.36	157	3.98	196	4.99	196	4.99	295	7.50	305	7.75	509	12.92
150	3.81	3.23	2.02	99	2.51	140	3.55	165	4.20	196	4.98	245	6.24	245	6.24	369	9.37	382	9.69	636	16.15
200	5.08	4.31	2.69	132	3.35	187	4.74	220	5.60	261	6.63	327	8.31	327	8.31	492	12.49	509	12.92	848	21.54
300	7.62	6.46	4.04	198	5.03	280	7.11	331	8.40	392	9.95	491	12.47	491	12.47	738	18.74	763	19.39	1272	32.31
400	10.16	8.62	5.38	264	6.70	373	9.48	441	11.20	522	13.27	655	16.63	655	16.63	984	24.99	1018	25.85	1696	43.08
500	12.70	10.77	6.73	330	8.38	466	11.85	551	14.00	653	16.59	818	20.79	818	20.79	1230	31.23	1272	32.31	2120	53.85

LX9215

Screen Size			Wide Fix		Wide Zoom				Standard				Semi Long				Long Zoom 1			
Diagonal	Width	Heigh	5J.JDH37.002		5J.JDH37.011				5J.JEN37.001				5J.JDH37.032				5J.JDH37.041			
			NA		Wide		Tele		Wide		Tele		Wide		Tele		Wide		Tele	
(Inch)	(m)	(m)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)	(Inch)	(m)
80	2.03	1.63	1.22	52	1.32	73	1.85	86	2.19	102	2.60	128	3.25	128	3.25	192	4.88	199	5.06	332	8.42
100	2.54	2.03	1.52	65	1.65	91	2.32	108	2.74	128	3.25	160	4.06	160	4.06	240	6.10	249	6.32	414	10.53
120	3.05	2.44	1.83	78	1.98	109	2.78	129	3.28	154	3.90	192	4.88	192	4.88	288	7.32	299	7.58	497	12.63
150	3.81	3.05	2.29	97	2.47	137	3.47	162	4.11	192	4.88	240	6.10	240	6.10	360	9.14	373	9.48	622	15.79
200	5.08	4.06	3.05	130	3.29	182	4.63	216	5.47	256	6.50	320	8.13	320	8.13	480	12.19	498	12.64	829	21.05
300	7.62	6.10	4.57	194	4.94	274	6.95	323	8.21	384	9.75	480	12.19	480	12.19	720	18.29	746	18.96	1243	31.58
400	10.16	8.13	6.10	259	6.58	365	9.27	431	10.95	512	13.00	640	16.26	640	16.26	960	24.38	995	25.28	1658	42.10
500	12.70	10.16	7.62	324	8.23	456	11.58	539	13.69	640	16.26	800	20.32	800	20.32	1200	30.48	1244	31.60	2072	52.63

*BenQ Projection Calculator is available online, please refer to the global site. *Installation chart has max to 5% tolerance and may vary from the actual size. *The distance for LS1ST4 is from projector back to screen.

Specification

Model Nome	LU9715	LU9235	LX9215
Picture			
Projection System	1 DLP 0.67 WUXGA DC3 DMD Chip	1 DLP 0.67 WUXGA DC3 DMD Chip	1 DLP 0.7 XGA DC3 DMD Chip
Native Resolution	1920*1200 pixels, 16:10	1920*1200 pixels, 16:10	1024*768 pixels, 4:3
Brightness	8000 ANSI lumens	6000 ANSI lumens	6000 ANSI lumens
Contrast ratio(FOFO)	100,000:1(Dynamic black on)	100,000:1	100,000:1
Keystone Correction	Vertical: ± 30° , Horizontal: ± 30°	Vertical: ± 30° , Horizontal: ± 30°	Vertical: ± 30° , Horizontal: ± 30°
Aspect Ratio	Native 16:10 (9 aspect ratio selectable) (5:4/4:3/16:10/16:9/1.88/2.35/Theaterscope/Source(Auto)/ Unscaled(Real))	Native 16:10 (5 aspect ratio selectable) (Auto/Real/4:3/16:9/16:10)	Native 4:3 (5 aspect ratio selectable) (Auto/Real/4:3/16:9/16:10)
Light Source	Laser diodes	Laser diodes	Laser diodes
Light Source life*	20000/45000/85000 hours(Normal/Eco/Custom by 50%)	20000/38000/75000 hours(Normal/Eco/Dimming)	20000/38000/75000 hours(Normal/Eco/Dimming)
Optical			
Lens	8 Lenses (Motorized lens control)	5 Lenses (Manual zoom and focus)	5 Lenses (Manual zoom and focus)
Lens shift	V (0 ~ +50%), H (-10% ~ +10%) Standard lens	V (-15% ~ +55%), H (-5% ~ +5%) Standard Lens	V (-10% ~ +50%), H (-5% ~ +5%) Standard Lens
Projection Size	80"-500", Standard lens	50"-300", Standard lens	50"-300", Standard lens
Compatibility			
Resolution Support	VGA(640 x 480) to WUXGA(1920 x 1200)	VGA(640 x 480) to WUXGA(1920 x 1200)	VGA(640 x 480) to WUXGA(1920 x 1200)
Horizontal Frequency	15K ~ 92kHz	15 ~ 102kHz	15 ~ 102kHz
Vertical Scan Rate	23 ~ 85Hz	23 ~ 120Hz	23 ~ 120Hz
HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p	480i, 480p, 576i, 576p, 720p, 1080i, 1080p	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
Video Compatibility	NA	NTSC/ NTSC4.43/ PAL (Including PAL-M, PAL-N/ SECAM/ PAL60)	NTSC/ NTSC4.43/ PAL (Including PAL-M, PAL-N/ SECAM/ PAL60)
Advanced Feature			
Security	Security bar, Power cord lock. Lens lock	Security bar, Power cord lock. Lens lock	Security bar, Power cord lock. Lens lock
Feature	・Blank for True Black ・Geometric Correction Corner Fit for 4 Corners, Surface Fit for Pincushion and Barrel ・Image Rotation(-45 to 45 degree) ・Embedded Edge Blending ・Custom Lightsource Mode(light power adjustment) ・24/7 Operation ・Dust Proof Engine ・Liquid Cooling System ・Various Test Pattern ・Lens Memory	・Blank for True Black ・2D Keystone ・Corner Fit for 4 Corners ・Custom Lightsource Mode(light power adjustment) ・Dicom Simulation Mode ・24/7 Operation ・Dust Proof Engine ・Various Test Pattern	・Blank for True Black ・2D Keystone ・Corner Fit for 4 Corners ・Custom Mode(light power adjustment) ・Dicom Simulation Mode ・24/7 Operation ・Dust Proof Engine ・Various Test Pattern
Installation	360° and Portrait	360° and Portrait	360° and Portrait
General			
Power Comsumption	Normal 850Watts. Eco 675Watts.	Normal 640Watts. Eco 500Watts.	Normal 640Watts. Eco 500Watts.
Standby Power Comsumption	Normal < 0.5Watts. Network < 6W.	Normal < 0.5Watts. Network < 6W.	Normal < 0.5Watts. Network < 6W.
Power Supply	100~240V AC	100~240V AC	100~240V AC
Product Dimensions(WxHxD)	500 x 211 x 583 mm	470 x 216 x 525 mm	470 x 216 x 525 mm
Product Weight	28kg(without lens)	25kg(without lens)	25kg(without lens)
Noise Level	40dBA/37dBA	36dBA/33dBA	36dBA/33dBA
Built-in Speaker	NA	20W(10W*2)	20W(10W*2)
Operating Temperature	0~40°C	0~40°C	0~40°C
On Screen Display Language	English/German/Spanish/French/Italian/Swedish/ Portuguese/Russian/Simplified Chinese/Traditional Chinese /Korean/Japanese	Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese	Arabic/Bulgarian/ Croatian/ Czech/ Danish/ Dutch/ English/ Finnish/ French/ German/ Greek/ Hindi/ Hungarian/ Italian/ Indonesian/ Japanese/ Korean/ Norwegian/ Polish/ Portuguese/ Romanian/ Russian/ Simplified Chinese/Spanish/ Swedish/ Turkish/ Thai/ Traditional Chinese

*Light source life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice.