

LENS TABLE

Lens	UST	Wide Fix	Ultra Wide	Wide Zoom	Standard	Semi Long	Long Zoom 1	Long Zoom 2
	Model Name	LSIST4	LSIST3	LSIST2	LSIST1	LSISTD	LSILT1	LSILT2
Part Number	5J.JCY37.001	5J.JAM37.011	5J.JAM37.061	5J.JAM37.021	5J.JAM37.0011	5J.JAM37.051	5J.JAM37.031	5J.JAM37.041
Throw Ratio	WUXGA: 0.377	WUXGA: 0.76	WUXGA: 0.75-0.93	WUXGA: 1.25-1.79	WUXGA: 1.73-2.27	WUXGA: 2.22-3.67	WUXGA: 3.58-5.38	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								

*Leatle cetraie la 56.5%

Lens	Wide Fix	Short Throw	Wide Zoom	Semi Throw	Standard	Semi Long	Long Zoom 1
Model Name	LS2ST3	LS2ST2	LS2ST1	LS2ST4	LS2SD2	LS2LT1	LS2LT2
Part Number	5J.JDH37.002	5A.JK337.001	5J.JDH37.011	5A.JK337.011	5J.JEN37.001	5J.JDH37.032	5J.JDH37.041
Throw Ratio	WUXGA: 0.778	WUXGA: 0.77-1.1	WUXGA: 1.1-1.3	WUXGA: 1.25-1.6	WUXGA: 1.54-1.93	WUXGA: 1.93-2.9	WUXGA: 3-5
Lens Shift	V: -15% ~ +55% H: +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%	V: -15% ~ +55% H: -5% ~ +5%	V: -15% ~ +55% H: -5% ~ +5%
Picture							

*XGA lens shift:V:-10%~+50%, H:-5%~+5%

BenQ Laser Projector Product Guide

Enduring BlueCore Laser Perfection



<https://www.benq.com/en-ap/business/index.html>

Dealer's Stamp

BenQ Australia

Unit 7, 175 Briens Road, Northmead NSW 2152

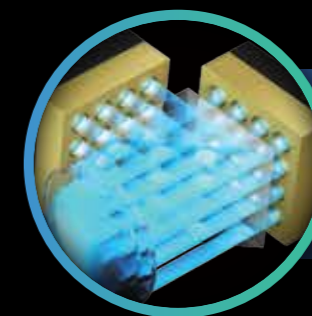
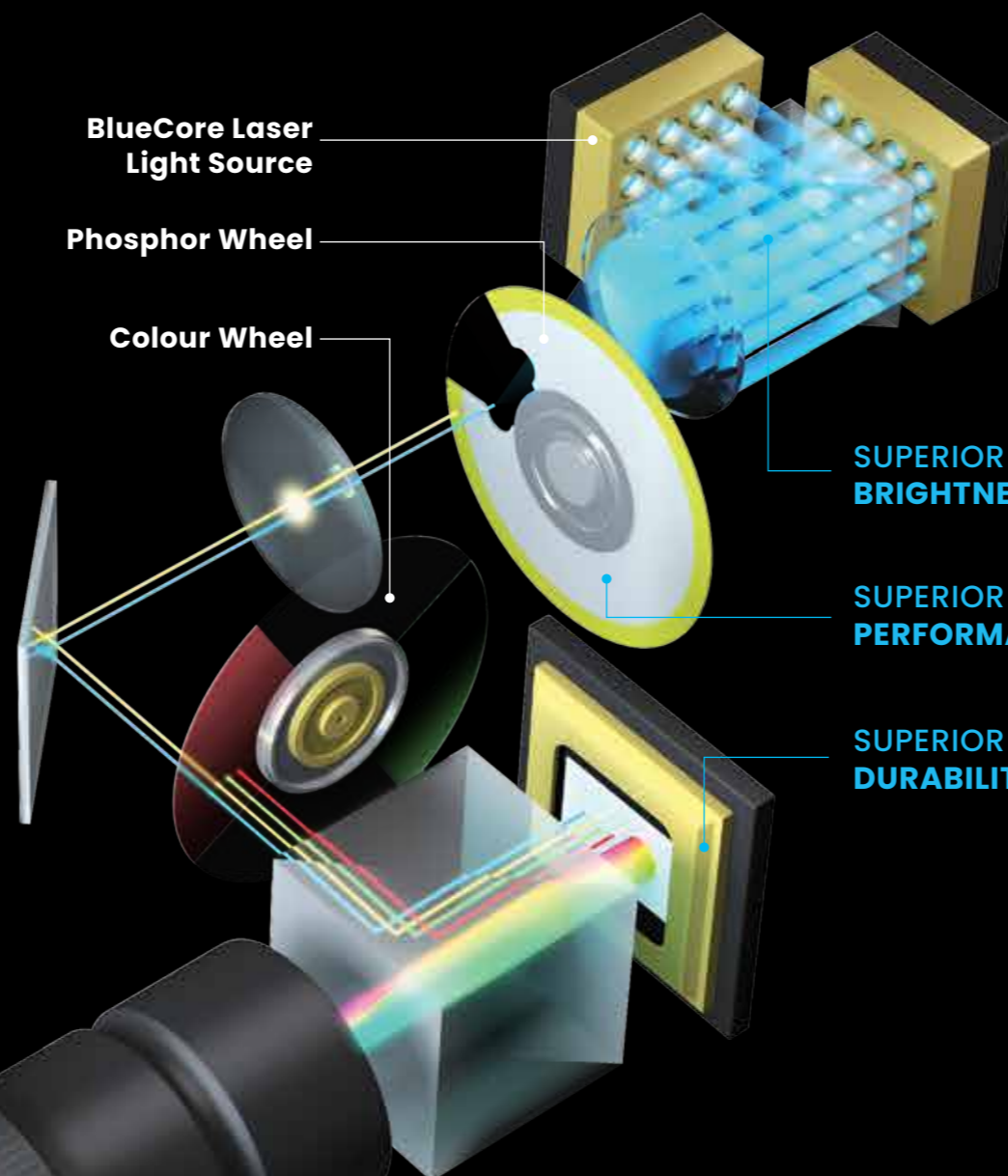
Tel : +61-2-8988-6500 E : BQauSales@BenQ.com

BLUECORE LASER TECHNOLOGY

SUPERB LONG-LASTING COLOUR AND CLARITY FROM PROFESSIONAL BLUECORE LASER PROJECTION

BenQ proudly presents the comprehensive line of BlueCore laser high brightness projectors for professional installations. Generating pristine laser-infused colours to complement perfect 4K clarity, BenQ BlueCore projectors produce the ultimate in image quality, built to last with the maintenance-free laser light. And with dexterous installation flexibility to create captivating public displays, immersive exhibitions, and state-of-the-art control centres, BenQ BlueCore laser projectors open vast new opportunities for immersive visual communications.

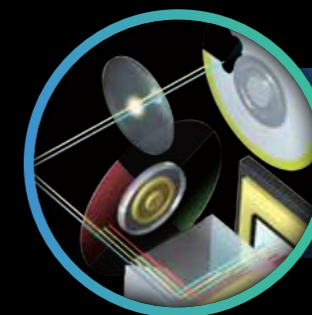
Leveraging the intense 10,000 ANSI-lumen brightness of dual-array laser light sources, BlueCore projectors incorporate dual colour wheels and the native precision of 1-chip DLP technology for strikingly vibrant colours. Guaranteed for over 20,000 hours of supreme image quality without lamp replacement, the failsafe redundant dual-array laser system delivers uninterrupted 24/7 dependability with the ability to be installed any angle as well as portrait orientation. Available in a full line including optional interchangeable or fixed lens configurations, BenQ BlueCore laser projectors enable vast new and imaginative ways of projection in a diverse array of applications.



SUPERIOR BRIGHTNESS

• PRECISION-ALIGNED HIGH-OUTPUT LASER SOURCE

Zero-deviation alignment of BlueCore laser diodes boosts luminous flux into the light tunnel, improving light efficacy.



SUPERIOR PERFORMANCE

• REC. 709 COLOUR ACCURACY

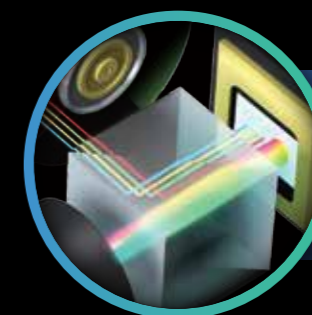
BenQ BlueCore laser projectors generate a wide colour gamut, reaching up to 95% of the Rec. 709 international HDTV colour standard for true-to-life colour fidelity.

Dual Colour Wheels

Dual synchronized BlueCore colour wheels utilise an additive yellow segment, stimulating precise RGBY spectra for optimal chromatic performance.

Next-gen Bluecore Color Algorithms

Advanced software optimisation and BenQ's proprietary colour adjustments expand BlueCore projectors' colour gamuts to ensure supreme colour performances.



SUPERIOR DURABILITY

• HERMETICALLY SEALED LIGHT ENGINE

BlueCore laser projectors feature sealed DLP chips and IP5X dustproofing, rejecting 100% of fine dust and particulate matter smaller than 2.5 micrometers.

• TRIPLE-STAGE COOLING SYSTEM

BenQ's BlueCore laser projectors feature advanced cooling technologies that include circulatory liquid cooling system, independent heat extraction pipes and the built-in thermoelectric cooling system to help projectors maintain continuous operation, as well as ultra-high reliability and durability.

BLUECORE
LASER

SOLUTION BY **BENQ** BLUECORE LASER PROJECTOR



Staging

Potent BlueCore brightness and stunning colour rendition make BenQ BlueCore optional lens laser projectors ideal for excitement-filled live productions, stage effects, and fashion shows, with the absolute assurance of laser reliability for flawless performances.

Likewise, BlueCore optional lens projectors produce inspirational backdrops for product launches, energetic conference stages, and engaging trade show exhibits.

Suggested Model

LU9800 / LU9750 / LU9245

Museum / Art Gallery

Museums benefit from BlueCore optional lens laser projectors' powerful installation flexibility and magnificent image quality, creating wondrous exhibitions that captivate the public with BenQ's ingenious object mapping feature that transforms industrial landscapes, buildings, irregular shapes and objects into display surfaces for projection.

Suggested Model

*LU9800 / LU9750
LU9245 / LU935*





Museum, Art Gallery in Small Space

Even intimate art shows and boutique art galleries can create imaginative immersions in small spaces with the innovative short-throw BlueCore laser projectors.

Suggested Model **LU935ST**

Simulation Training in a Small Space

Advanced simulators and digital training platforms enter the next stage in ultra-realistic virtualization with short-throw BlueCore laser projectors, offering breathtakingly lifelike 4K picture quality.

Suggested Model **LK936ST**



Education

Futureproof BenQ interactive Classroom Projectors empower collaborative learning with pen or touch annotation and ultra-short throw projection based on brilliant laser light source.

Suggested Model

LU935 / LU930 / LU710



Corporate Conference / Meeting Room

BenQ BlueCore laser projectors are the ultimate corporate visual communication devices, offering the state of the digital art in image quality and presentation impact for the world's premiere enterprises.

Suggested Model

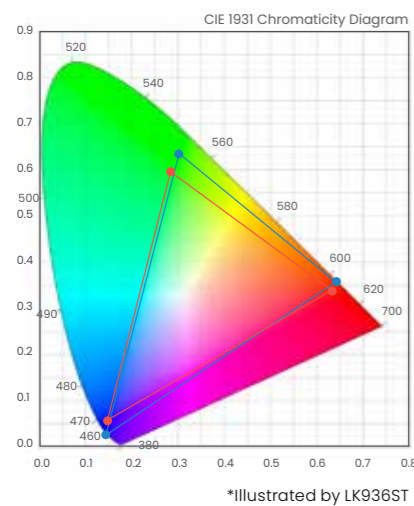
LK952 / LU950
LU930 / LW720
LH720

BLUECORE LASER-INFUSED PRISMATIC COLOUR PERFORMANCE

SUPERIOR IMAGE QUALITY

Dual Colour Wheels for Optimal Colour Rendition

BenQ BlueCore laser projectors utilise a dual colour wheel system to harness the powerful laser light output, producing unparalleled colour performance with extreme colour ratios and RGBY purity achieved by eliminating the white segment of a conventional colour wheel. Achieving an ideal mixture of red, green, blue, and yellow colour segments, BenQ laser projectors produce a wider colour gamut than conventional lamp-based projectors, providing optimised RGBY high colour projection as well as stark bright white for brilliant presentations.



BlueCore Laser

Lamp Based

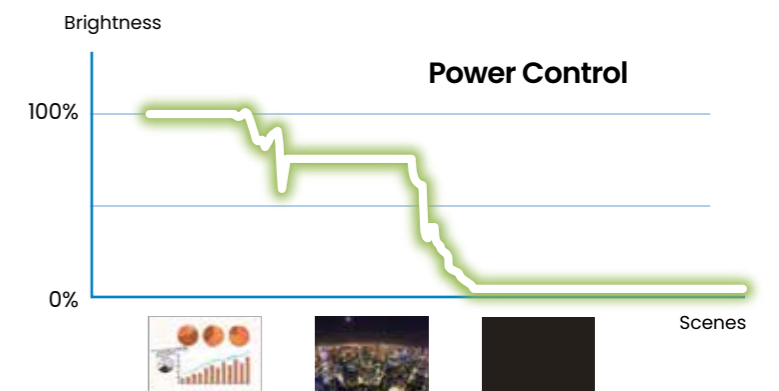
DLP Technology for Lasting Vibrant Colour

BenQ laser projectors are based on the absolute reliability of the 1-chip DLP design. The highly durable DLP chip can last over 100,000 hours without degradation, ensuring true-to-life colours and pristinely legible text over countless uses.

BenQ DLP Projector		Non-DLP Projector	
Original Colour	After Six Months of Use	Original Colour	After Six Months of Use

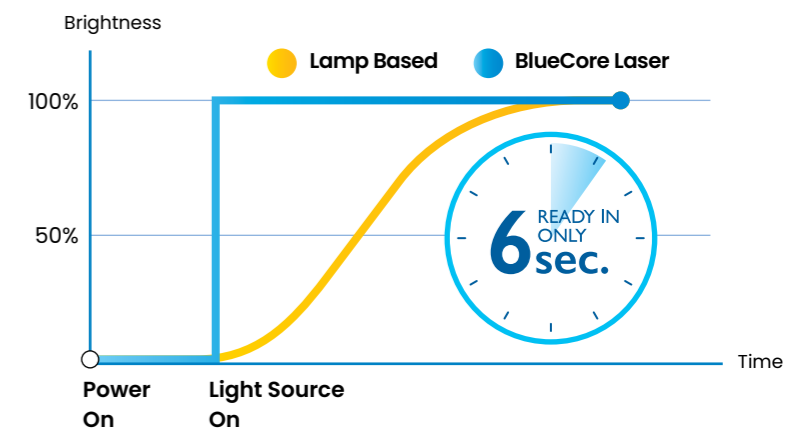
Ultra-High Contrast with Automatic Power Control

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. Furthermore, automatic brightness adjustments preserve clarity and subtitle details in dark scenes and balance in bright scenes.



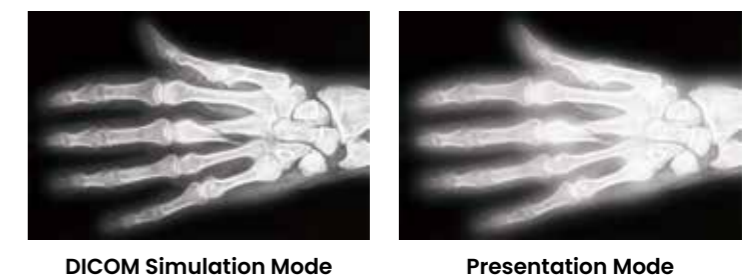
Instant On/Off

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



DICOM X-Ray Imaging

DICOM (Digital Imaging and Communication 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.



DICOM Simulation Mode

Presentation Mode

*Available for selected models: LU9800 / LU9750 / LK936ST / LU960UST / LU935ST

*Not all features are available on all models.

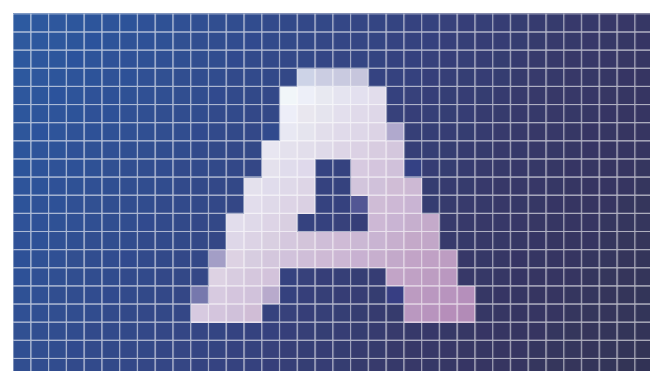
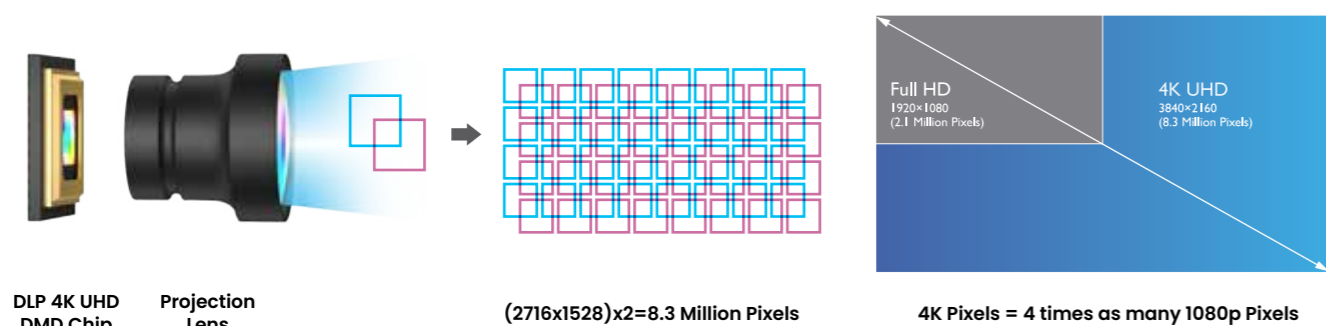
PINPOINT IMAGE SHARPNESS DRIVEN BY 4K ULTRA RESOLUTION

SUPERIOR IMAGE QUALITY

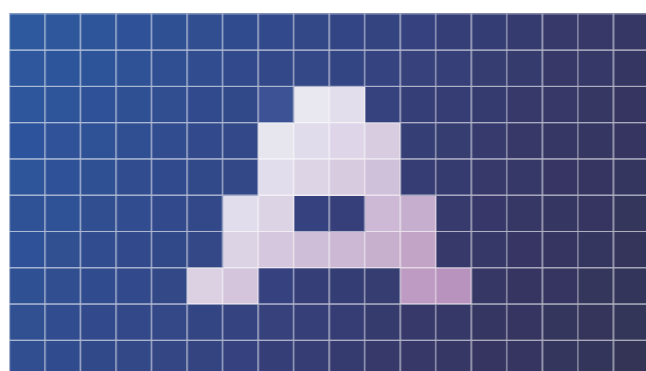
Perfect 4K UHD Picture Quality with Ultrafine Details

BenQ BlueCore 4K laser projectors utilise the DLP 4K UHD DMD's 4.15 million micromirrors, the fast switching speed as well as the advanced image processing capability to achieve Consumer Technology Association's (CTA) 4K UHD specification, delivering a 3840x2160 resolution with 8.3 million distinct pixels for each frame. With a resolution that's four times higher than Full HD 1080p, 4K UHD reduces pixel blur for awe-inspiring clarity and crisply defined fine details.

*Available for selected models: LK970 / LK952 / LK953ST



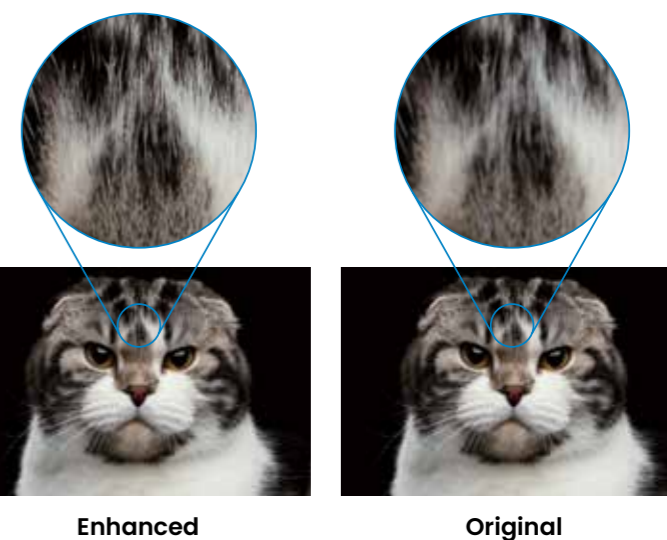
DLP 4K UHD



Full HD

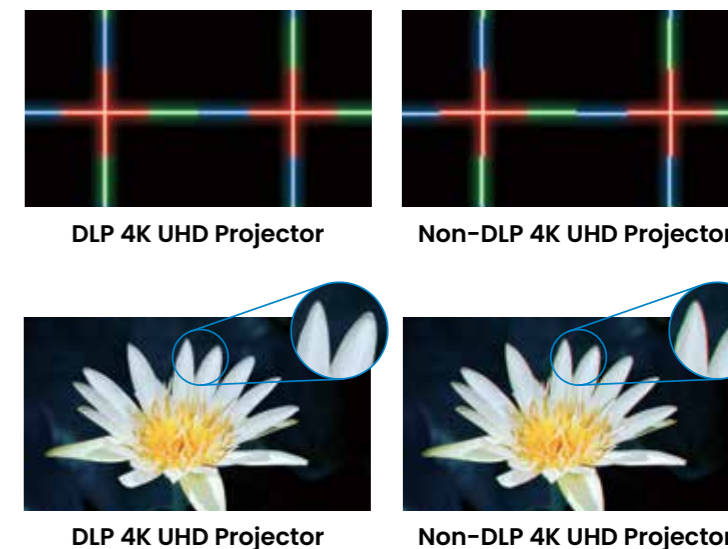
Optimise Image Quality with 4K Image Amplifying Technology

To ensure supreme image quality, BenQ BlueCore 4K laser projectors utilise cutting-edge 4K Image Amplifying Technology to further enhance the quality of projected images. BenQ BlueCore 4K laser projectors automatically upscale the resolution of all projected images to 4K, guaranteeing superb image details. BenQ BlueCore 4K laser projectors also feature Pixel Enhancer 4K, a motion-adaptive edge enhancement feature that detects changes in colour between an object and its background to produce sharp edges and precise surface textures.



Superb Image Detail and Colour Integrity from DLP Technology

To avoid inherent alignment issues of multiple panels, BenQ BlueCore 4K Laser Projector preserves color and image integrity with single DMD DLP technology. Generating razor-sharp images and pure colors, BenQ BlueCore 4K Laser Projector eliminates



ADVANCED INSTALLATION DEXTERITY FOR IMAGINATIVE APPLICATIONS

EXCELLENT INSTALLATION FLEXIBILITY

360° and Portrait Projection to Accommodate Diverse Spaces

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

*Available for selected models: LU9800 / LU9750 / LU9245 / LK936ST / LU935 / LU960UST / LU935ST



Portrait Application

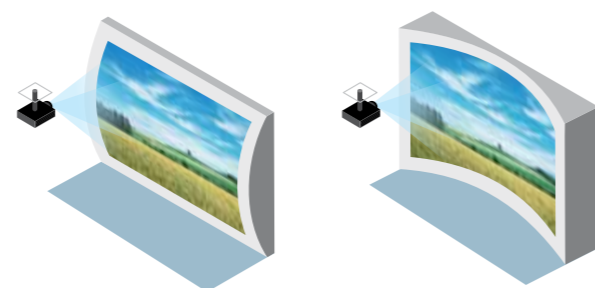
Geometric Correction for Perfectly Aligned Images

Corner Fit for all four corners of the image and Surface Fit for pincushion and barrel correction offer convenient control to form perfectly aligned images. Corner Fit offers individual adjustment of each corner to ensure a precise display while Surface Fit enables alignment onto uniquely shaped or curved projection surfaces.

*Surface fit available for selected models: LU9800 / LU9750



Corner Fit

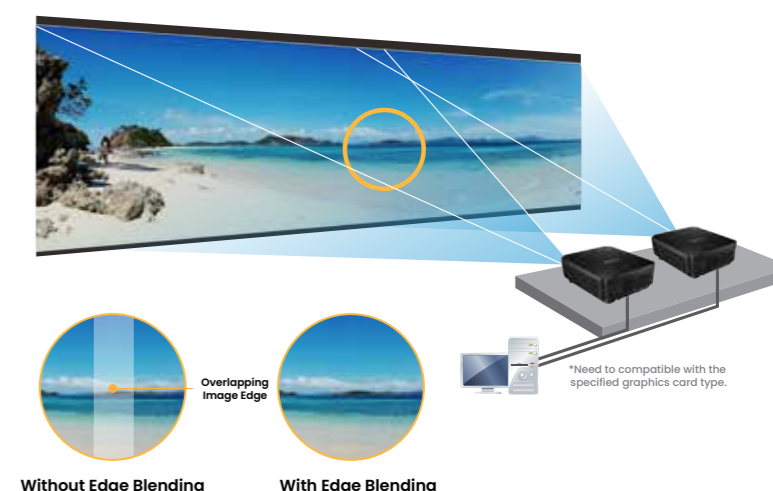


Surface Fit

Integrated Edge Blending for Panorama Display

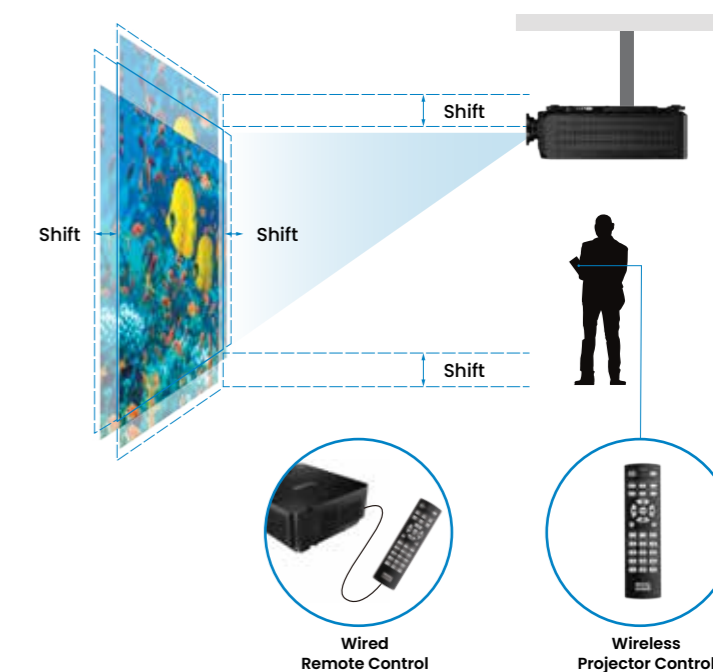
Edge blending is the brightness adjustment along intersecting areas of adjacent images using multiple projectors for consistent brightness blending. BlueCore projectors offer Custom Light Mode to modulate light power output from 20% to 100% in 0.5% increments, optimising the projected image for a variety of ambient lighting situations. Consistency blending brightness across multiple projections, the colour matching function can be used to calibrate any small differences in the colour output profile of each projector. Moreover, Picture-in-Picture (PIP) and Picture-by-Picture (PBP) further enhance projection applications from multiple sources.

*Available for selected models: LU9800 / LU9750



Zoom, Focus, and Lens Shift

The convenience of wide-range zoom, focus, and horizontal/vertical lens shift systems deliver perfectly proportioned images despite installation or placement challenges in any venue. BlueCore projectors with optional lens capability and motorised lens control offer simple remote control commands for omnidirectional adjustments to projector targets, eliminating manual labour to relocate or reconstruct mounting locations. Fixed lens BlueCore projectors offer wide-range vertical and horizontal lens shift to move the projected image up and down or left and right without sacrificing image quality. BenQ fixed lens projectors also feature up to 1.6X big zoom to enable a wide range of throw distances to significantly increase installation flexibility for diverse mounting options in various public display scenarios.



Digital Image Shrink and Shift

Digital image shrink and shift lets installers shrink the image to 75% of the original size in 0.5% increments via OSD menu. The image can also be shifted, so installers do not have to reinstall or adjust the projector physically in case the image is not precisely aligned on the desired frame and space.

*Available for selected models: LK936ST / LU935 / LU960UST / LU935ST / LH890UST / LW820ST



Intuitive Central Lens Design

BlueCore laser projectors's symmetrically centred lens design allows convenient and intuitive installation without the need for special measurements. Additionally, when horizontal or vertical lens shift has been applied, a hotkey can quickly return the projector back to factory default for use in different environments and installations.

*Available for selected models: LU9800 / LU9750 / LU9245

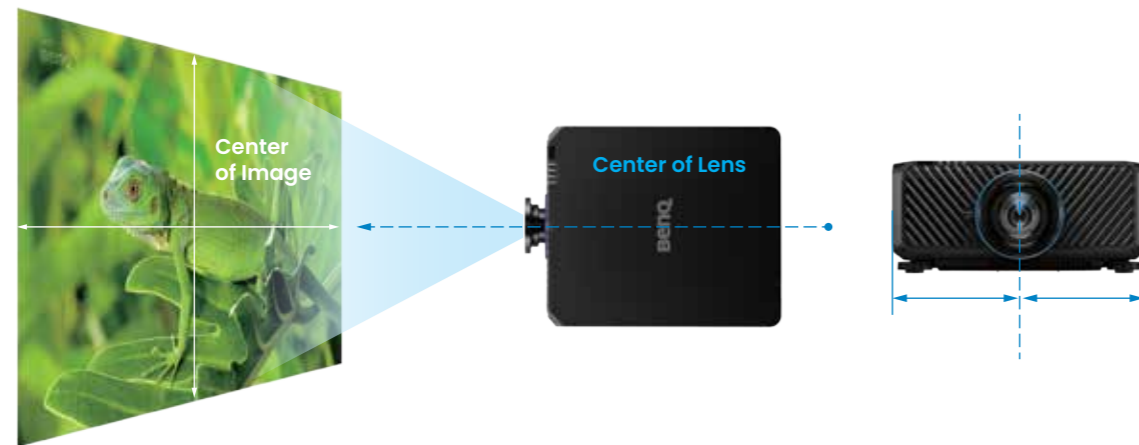


Image Memory

Image memory function lets installers save five sets of image settings that can be individually recalled, reducing installation time or even eliminating the need for re-installation or adjustment when the projector is in the same environment with different image source formats or aspect ratios.

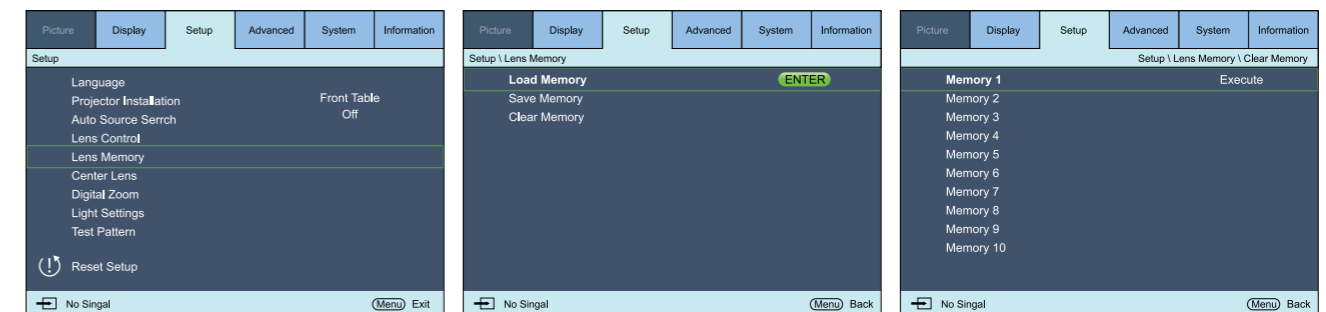
* Not available for LU930 / LU710 / LH890UST / LW820ST



Lens Memory

Equipped with ten customisable memory settings for lens position, zoom, and focus, BlueCore users can easily recall lens settings optimised to varying source content without tedious re-adjustments.

*Available for selected models: LU9800 / LU9750



Multiple Lenses For Diverse Applications

BenQ BlueCore optional lens laser projector models can accept up to eight selectable short-throw to long-throw lenses 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 to eliminate chromatic aberration and colour flare for utmost image quality. Maximising installation options and projection layout, a quick one-button release makes changing lenses simple and secure.

*For more details, please refer to the specification table.
 **Available for selected models: LU9800 / LU9750 / LU9245



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



One Button to release Lens

EXCELLENT IMAGE PROCESSING AND FULL CONNECTIVITY

EFFICIENT MAINTENANCE & CENTRAL MANAGEMENT

Digital HDMI Output for Stacked and Multi-Screen Projection

To avoid the decay due to transmission distance, BenQ laser projectors deliver a perfect digital signal via HDMI output with no signal degradation for bright stacked projection and beautifully mirrored multiple displays in showrooms, professional exhibits and tradeshows.

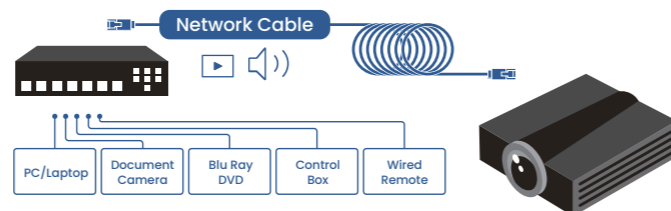
*HDMI output supports up to Full HD 1080p resolution only
 **Available for selected models: LU9800 / LU9750 / LU960UST



HDBaseT for Uncompressed Transmission Up to 100m

The HDBaseT connectivity combines video, audio and device control signals from multiple sources (PCs, laptops, document cameras) and Blu-rays onto a single CAT5 cable, ensuring seamless transmission up to 100 meters.

*Available for selected models: LU9800 / LU9750 / LU9245 / LK936ST / LU935 / LU960UST / LU935ST



Full Connectivity Across Multiple Formats

BenQ laser projectors are equipped with VGA, DVI, HDMI, DisplayPort, LAN, 3G-SDI, and 3D Sync, as well as the HDBaseT technology for high quality connections to a variety of devices and video sources.

*3G-SDI available for selected models: LU9800 / LU9750



Exclusive Infographic Mode

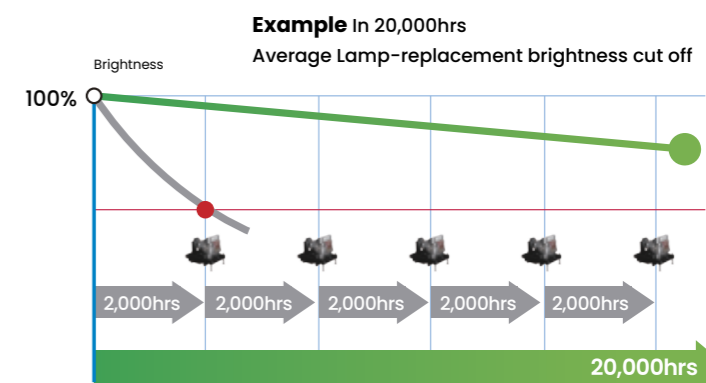
All BenQ corporate laser projectors feature an advanced Infographic Mode that's perfect for enlivening the graphics and text used in presentations. Infographic Mode offers enhanced brightness and better colour gradation for eye-friendly presentations.

*Available for selected models: LK936ST / LU935 / LU960UST / LU935ST / LU930 / LU710 / LW820ST



Low Total Cost of Ownership

BenQ BlueCore projector's laser light source is guaranteed for 20,000 hours of maintenance-free operation, saving on lamp replacement and maintenance costs. Based on the average brightness cutoff of typical long-life lamps, BlueCore's value exceeds that of 10 lamps replacements over the life of the projector, and significantly more when taking into account downtime, labour and management costs.



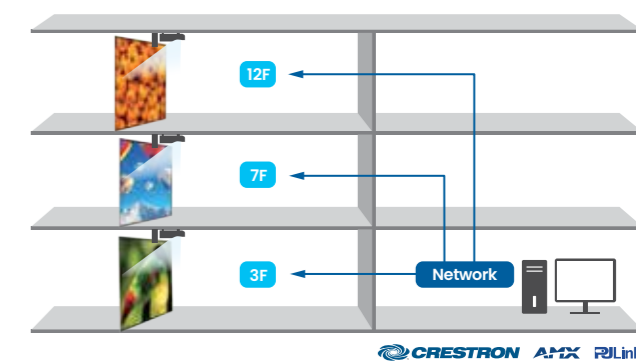
Centralised Control with BenQ DMS Local Software

Device Management Solution is a software tool that enables remote and centralised management of multiple digital projectors by IT administrators / technicians via a local network and includes the ability to remotely monitor, control and configure projectors individually or as groups.



Network/Web Control

BenQ BlueCore laser projectors are widely compatible with leading projector control systems including Extron, Crestron, AMX, and PJ-Link for network control via LAN, making it simple to integrate into corporate network infrastructures. When there is no LAN infrastructure, BenQ BlueCore laser projectors also support RS-232 for reliable long-distance installations up to 15 meters.

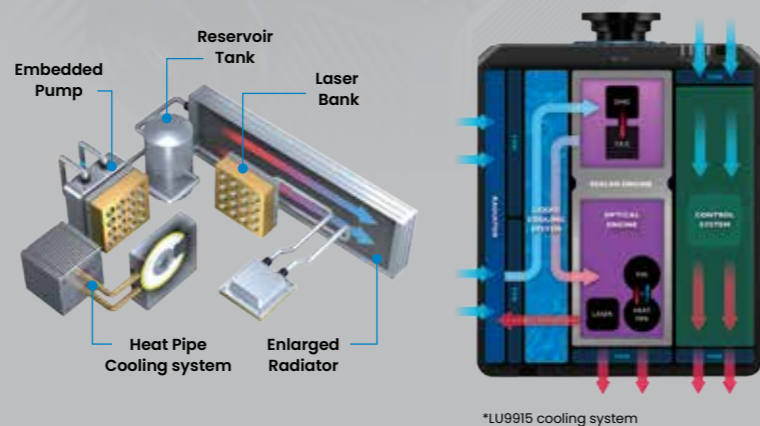
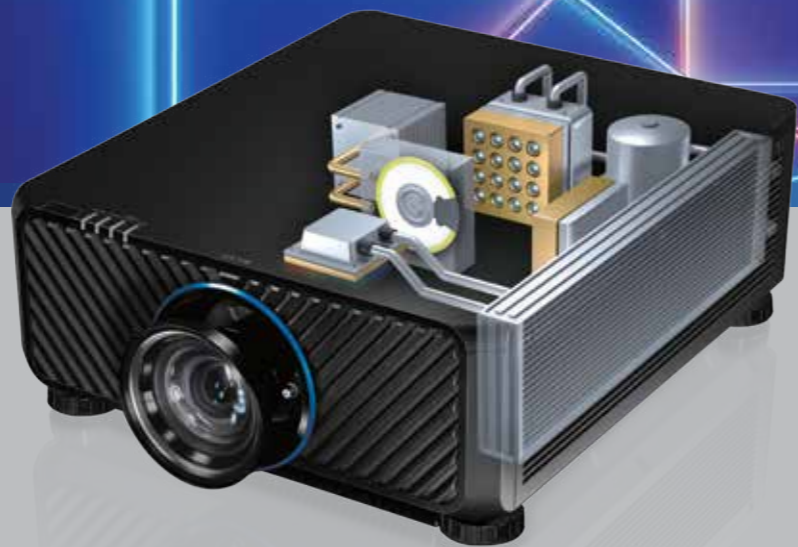


CRESTRON AMX PJLink

ENDURING RELIABILITY

Groundbreaking Thermal Conduction via Innovative Cooling Systems

BenQ BlueCore laser projectors employ three advanced cooling systems to ensure optimal thermal conduction during operation. The circulatory liquid cooling system protects the laser light source and DMD chip even after constant operation in ambient temperatures up to 40°C (104°F), while the heat pipe cooling system cools the phosphor wheel. Additionally, the thermoelectric cooling system helps to neutralize the DMD chip's heat through cation and anion. To further enhance the effect of cooling, the segmented cooling design separates laser light source, engine and control system into three independent air ventilation sections. The innovation design enhances the accuracy and efficiency of the cooling system, effectively producing a comfortable sound with improved reliability and sustainability.

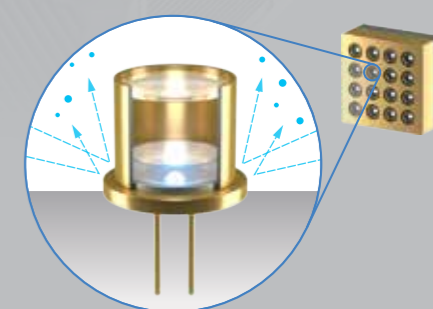


Sealed Engine

BenQ BlueCore projectors are designed with sealed laser modules and enclosed light engines to protect the DMD chip, colour wheel sensor, laser light source, and other optical components. The lock-and-key design hermetically seals the engine from dust to prolong projector lifespan.



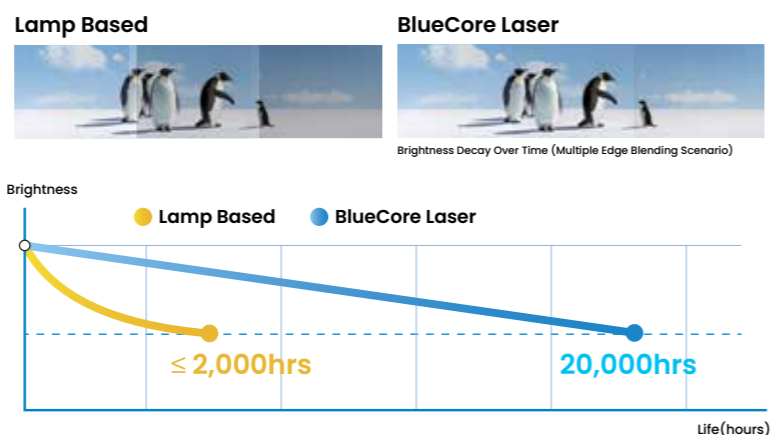
Sealed Lock-and-Key Design



Sealed Laser Light Source

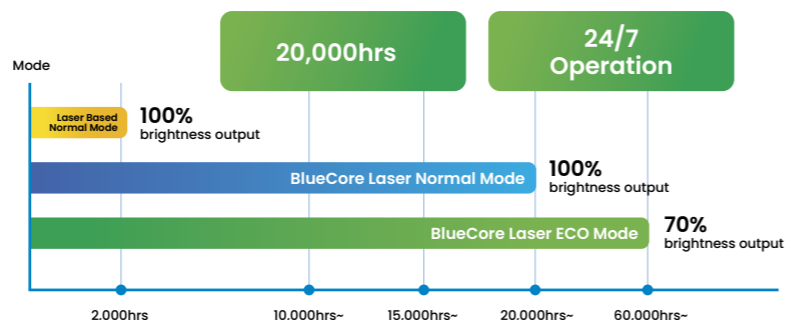
20,000 Hour Long-Lasting Performance

BenQ BlueCore laser light source are guaranteed for 20,000 hours of superior image quality and performance. The laser light source resists colour decay over time, making BenQ laser projectors ideal for multiple blending projections without concern for adjacent projectors generating different levels of brightness after a period of operation.



Dependable 24/7 Nonstop Operation

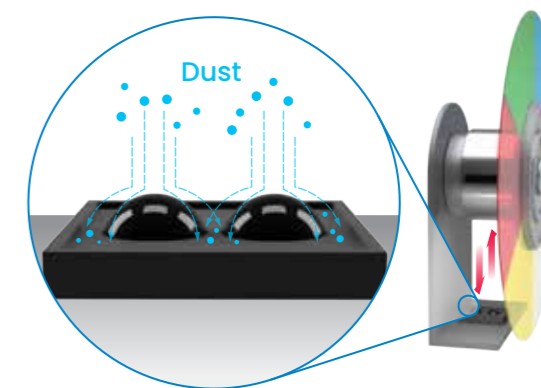
BenQ laser projectors are designed for continuous 24/7 operation, suitable for public display applications in museums and exhibitions. Operators can choose from three different light source modes to optimise energy use and extend the projector's life up to 60,000 hours in Eco Mode.



*Available for selected models: LU950 / LU951ST / LK952 / LK953ST / LU9245 / LU9715 / LU9915

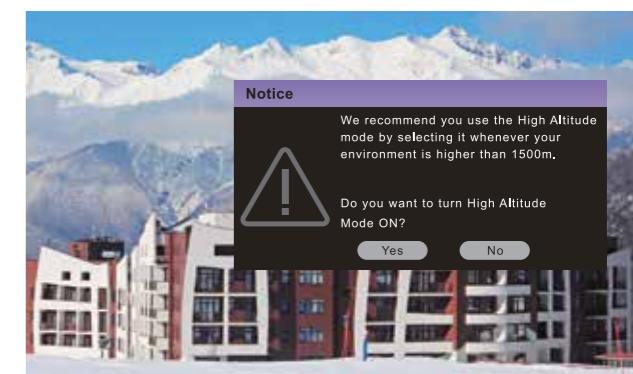
Anti-Dust Accumulation Sensor to Resist Dust Buildup

Incorporating a colour wheel sensor with ingenious anti-dust buildup features, BenQ BlueCore laser projectors prolong optimal performance by repelling dust that can accumulate on traditional sensors to block the IR signal and cause flickering, abnormal colours, or even shutdown.



High Altitude Mode for Elevated Environments

Equipped with an integrated air pressure sensor, BlueCore laser projectors' intelligent High Altitude Mode automatically alerts users to enable efficient cooling and properly maintain operating temperatures in high altitude environments with thinner atmospheres.





OPTIONAL LENS

OPTIONAL LENS

Model Name	Model Name	LU9800	LU9750		
Display	Projection System	DLP	DLP		
	DMD Type	0.67"	0.67"		
	Native Resolution	WUXGA (1920x1200)	WUXGA (1920x1200)		
	Brightness	10,000	8,500		
	Contrast Ratio*	3,000,000:1	3,000,000:1		
	Display Colour	30-bit (1.07 billion colours)	30-bit (1.07 billion colours)		
	Aspect Ratio	16:10	16:10		
	Light Source	Laser	Laser		
	Light Source Life*	Normal 20,000 hrs ; ECO 38,000 hrs ; Dimming 70,000 hrs	Normal 20,000 hrs ; ECO 38,000 hrs ; Dimming 70,000 hrs		
Optical	Throw Ratio	(Optional Lens) Ultra Short Throw (LS1S14): 0.38 Short throw (LS1S13A): 0.77-1.1 Wide Zoom 2 (LS1S12A): 1.1-1.3 Wide Zoom 1 (LS1S11A): 1.25-1.6 Standard (LS1S10A): 1.54-1.93 Semi long (LS1L10): 1.93-2.9 Semi long (LS1L11): 2.22-3.67 Long zoom 1 (LS1L12): 3.58-5.38 Long Zoom 2 (LS1L13): 5.31-8.26	(Optional Lens) Ultra Short Throw (LS1S14): 0.38 Short throw (LS1S13A): 0.77-1.1 Wide Zoom 2 (LS1S12A): 1.1-1.3 Wide Zoom 1 (LS1S11A): 1.25-1.6 Standard (LS1S10A): 1.54-1.93 Semi long (LS1L10): 1.93-2.9 Semi long (LS1L11): 2.22-3.67 Long zoom 1 (LS1L12): 3.58-5.38 Long Zoom 2 (LS1L13): 5.31-8.26		
	Zoom Ratio	(Optional Lens) Ultra Short Throw (LS1S14): Fixed Short throw (LS1S13A): 1.42x Wide Zoom 2 (LS1S12A): 1.18x Wide Zoom 1 (LS1S11A): 1.28x Standard (LS1S10A): 1.25x Semi long (LS1L10): 1.5x Semi long (LS1L11): 1.65x Long zoom 1 (LS1L12): 1.5x Long Zoom 2 (LS1L13): 1.55x	(Optional Lens) Ultra Short Throw (LS1S14): Fixed Short throw (LS1S13A): 1.42x Wide Zoom 2 (LS1S12A): 1.18x Wide Zoom 1 (LS1S11A): 1.28x Standard (LS1S10A): 1.25x Semi long (LS1L10): 1.5x Semi long (LS1L11): 1.65x Long zoom 1 (LS1L12): 1.5x Long Zoom 2 (LS1L13): 1.55x		
	Lens Shift	Ultra Short Throw (LS1S14): V: (-3% - +7%) H: (-5% - 5%) Short throw (LS1S13A): -15 - +55% Vertical; -5% - +5% Horizontal Wide Zoom 2 (LS1S12A): -15 - +55% Vertical; -5% - +5% Horizontal Wide Zoom 1 (LS1S11A): -15 - +55% Vertical; -5% - +5% Horizontal Standard (LS1S10A): -15 - +55% Vertical; -5% - +5% Horizontal Semi long (LS1L10): -15 - +55% Vertical; -5% - +5% Horizontal Semi long 1 (LS1L11): 0 - +50% Vertical; -10% - +10% Horizontal Long zoom 1 (LS1L12): 0 - +50% Vertical; -10% - +10% Horizontal Long Zoom 2 (LS1L13): 0 - +50% Vertical; -10% - +10% Horizontal	Ultra Short Throw (LS1S14): V: (-3% - +7%) H: (-5% - 5%) Short throw (LS1S13A): -15 - +55% Vertical; -5% - +5% Horizontal Wide Zoom 2 (LS1S12A): -15 - +55% Vertical; -5% - +5% Horizontal Wide Zoom 1 (LS1S11A): -15 - +55% Vertical; -5% - +5% Horizontal Standard (LS1S10A): -15 - +55% Vertical; -5% - +5% Horizontal Semi long (LS1L10): -15 - +55% Vertical; -5% - +5% Horizontal Semi long 1 (LS1L11): 0 - +50% Vertical; -10% - +10% Horizontal Long zoom 1 (LS1L12): 0 - +50% Vertical; -10% - +10% Horizontal Long Zoom 2 (LS1L13): 0 - +50% Vertical; -10% - +10% Horizontal		
	Keystone Correction	2D, Vertical ± 30 degrees; Horizontal ± 30 degrees	2D, Vertical ± 30 degrees; Horizontal ± 30 degrees		
	Projection Offset**	0%	0%		
	Projection Size (Diagonal)	50"-300"	50"-300"		
	Audio	Built-in Speaker	No Speaker	No Speaker	
	Special Feature	Security	Security Bar,Kingston Lock	Security Bar,Kingston Lock	
		Feature	Laser, 9 Optional lens, Central Lens, Panasonic Lens Adapter, HDBaseT, Blending & Geometry	Laser, 9 Optional lens, Central Lens, Panasonic Lens Adapter, HDBaseT, Blending & Geometry	
Connectivity	I/O Port	PC In (D-sub 15pin) PC in-1,PC in-2 (shared with component video 5BNC) Monitor Out (D-sub 15pin) (x1) HDMI In (x2) Monitor Out (HDMI) (x1) LAN (RJ45) (x1) HDBaseT (RJ45) (x1) 3D Sync In (x1) 3D Sync Out (x1) USB Type A (x1) USB Type B USB Type B-1(service) RS232 Out (DB-9pin) (x1) Wired Remote In (3.5mm Mini Jack) (x1) Wired Remote Out (3.5mm Mini Jack) (x1) DC 12V Trigger (3.5mm Jack) (x1)	PC In (D-sub 15pin) (x2) Monitor Out (D-sub 15pin) (x1) HDMI In (x2) Monitor Out (HDMI) (x1) LAN (RJ45) (x1) HDBaseT (RJ45) (x1) 3D Sync In (x1) 3D Sync Out (x1) USB Type A (x1) USB Type B USB Type B-1(service) RS232 Out (DB-9pin) (x1) Wired Remote In (3.5mm Mini Jack) (x1) Wired Remote Out (3.5mm Mini Jack) (x1) DC 12V Trigger (3.5mm Jack) (x1)		
		Resolution Support	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced Blanking	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced Blanking	
		Vertical Scan Rate	23-120Hz	23-120Hz	
		HDTV Compatibility	1080i;1080p;480i;480p;576i;576p;720p	1080i;1080p;480i;480p;576i;576p;720p	
		Video Compatibility	NTSC;PAL;SECAM	NTSC;PAL;SECAM	
		Power	Power Consumptions(Typical)	893W	792W
			Standby Power consumption	<0.5W	<0.5W
			Power Supply	AC 100 to 240 V, 50/60 Hz	AC 100 to 240 V, 50/60 Hz
		Dimension and Weight	Product Dimensions (WxHxD)	500 x 211 x 587.3	500 x 211 x 587.3
			Product Weight	26.8	26.4
Operation Condition	Noise Level(Normal/Eco)	42/38	42/38		
	Operating Temperature	0-40°C	0-40°C		
Accessories	Accessories (Standard)	Remote Control w/ Battery (RCA025) Power Cord xl (1.8M) (by region) Warranty Card (by region) User Manual CD x 1 Installation Guide xl Lens Cover xl	Remote Control w/ Battery (RCA025) Power Cord xl (1.8M) (by region) Warranty Card (by region) User Manual CD x 1 Installation Guide xl Lens Cover xl		
	Accessories (Optional)	N/A	N/A		
OSD	On Screen Display Language	12L	12L		

*All related Optical Value is measure by Standard Len * The Contrast is measure by Full On Full Off standard.

Model Name	Model Name	LU9245		
Display	Projection System	DLP		
	DMD Type	0.67"		
	Native Resolution	WUXGA (1920x1200)		
	Brightness	7,000		
	Contrast Ratio*	3,000,000:1		
	Display Colour	30 Bits (1.07 billion colours)		
	Aspect Ratio	16:10		
	Light Source	Laser		
	Light Source Life*	Normal 20,000 hrs ; ECO 38,000 hrs ; Dimming 75,000 hrs		
Optical	Throw Ratio	(Optional Lens) Semi Throw (LS2S14): 1.25-1.6 Wide Fix (LS2S13): 0.778 Short Throw (LS2S12): 0.77-1.1 Wide Zoom (LS2S11): 1.1 - 1.3 Standard (LS2SD2): 1.54 - 1.93 Semi Long (LS2L11): 1.93 - 2.9 Long Zoom (LS2L12): 3.0 - 5.0		
	Zoom Ratio	(Optional Lens) Semi Throw (LS2S14): 1.28x Wide Fix (LS2S13): Fixed Short Throw (LS2S12): 1.42x Wide Zoom (LS2S11): 1.18x Standard (LS2SD2): 1.25x Semi Long (LS2L11): 1.5x Long Zoom (LS2L12): 1.67x		
	Lens Shift	(Optional Lens) Semi Throw (LS2S14): V (-15%-55%+) / H (+- 5%) Wide Fix (LS2S13): V (-15%-55%+) / H (+- 5%) Short Throw (LS2S12): V (-15%-55%+) / H (+- 5%) Wide Zoom (LS2S11): V (-15%-55%+) / H (+- 5%) Standard (LS2SD2): V (-15%-55%+) / H (+- 5%) Semi Long (LS2L11): V (-15%-55%+) / H (+- 5%) Long Zoom (LS2L12): V (-15%-55%+) / H (+- 5%)		
	Keystone Correction	2D, Vertical ± 30 degrees; Horizontal ± 30 degrees		
	Projection Offset**	0%		
	Projection Size (Diagonal)	50"-300"		
	Audio	Built-in Speaker	(x2);10W	
	Special Feature	Security	Security Bar,Kingston Lock	
		Feature	Laser, 7 Optional Manual Lens, 2D Keystone, Corner Fit, HDBaseT, 4K Compatible, 3D Sync in/out, RS232 Out	
Connectivity	I/O Port	PC In (D-sub 15pin) (x1),PC In-2 (shared with component video 5BNC) Monitor Out (D-sub 15pin) (x1) Composite Video In (RCA) (x1) Component Video In (5BNC) 1 HDMI in (x2),HDMI-1 (2.0a/HDCP2.2),HDMI-2 (2.0a/HDCP2.2) LAN (RJ45) (x1) HDBaseT (RJ45) (x1),Control/Video/Audio 3D Sync In (x1) 3D Sync Out (x1) USB Type A (x1),USB Type A-1 (2.0/Power Supply),5A USB Type B USB Type B-1(service) RS232 In (DB-9pin) (x1) RS232 Out (DB-9pin) (x1) Wired Remote In (3.5mm Mini Jack) (x1) Wired Remote Out (3.5mm Mini Jack) (x1) DC 12V Trigger (3.5mm Jack) (x1)		
		Resolution Support	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced Blanking	
		Vertical Scan Rate	15 -102KHz	
		HDTV Compatibility	1080i;1080p;480i;480p;576i;576p;720p	
		Video Compatibility	NTSC;PAL;SECAM	
		Power	Power Consumptions(Typical)	600W
			Standby Power consumption	<0.5W
			Power Supply	AC 100 to 240 V, 50/60 Hz
		Dimension and Weight	Product Dimensions (WxHxD)	525 x216 x470
			Product Weight	25
Operation Condition	Noise Level(Normal/Eco)	36/34		
	Operating Temperature	0-40°C		
Accessories	Accessories (Standard)	Remote Control w/ Battery (RCA024) Power Cord xl (1.8M) (by region) VGA (D-sub 15pin) Cable x 1 Warranty Card (by region) Installation Guide xl		
	Accessories (Optional)	3D Glasses (DGD5) Ceiling Mount (CMG6) Anti-Dust Filter		
OSD	On Screen Display Language	28L		

*All related Optical Value is measure by Standard Len * The Contrast is measure by Full On Full Off standard.



4K Fixed Lens

Model Name	Model Name	LK936ST
Display	Projection System	DLP
	DMD Type	0.47" ECD
	Native Resolution	4K UHD (3840x2160)
	Brightness	5,100
	Contrast Ratio*	3,000,000:1
	Display Colour	30-bit (1.07 billion colours)
	Aspect Ratio	16:9
	Light Source	Laser
	Light Source Life*	Normal 20,000 hrs
Optical	Throw Ratio	0.81 - 0.89
	Zoom Ratio	1.1x
	Lens Shift	Vertical -60%~ +60% Horizontal -23%~ +23%
	Keystone Correction	3D, Vertical ± 40 degrees; Horizontal ± 40 degrees; Rotation ± 40 degrees
	Projection Offset**	0%
	Projection Size (Diagonal)	60"-200"
Audio	Built-in Speaker	(x1);10W
Special Feature	Security	Security Bar,Kingston Lock
	Feature	4K UHD with 0.81-0.89 Short Throw Lens; HDR; Resolution WQXGA (16:10) Supported; Digital Correction (2D Keystone, Rotate, Corner Fit, Digital Shrink and Shift); S/PDIF Port (5.1-channel surround sound output)
Connectivity	I/O Port	HDMI In (x2),HDMI-1 (2.0b/HDCP2.2),HDMI-2 (2.0b/HDCP2.2) Display Port(x1) LAN (RJ45) (x1) HDBaseT (RJ45) (x1),Control/Video/Audio 3D Sync In (x1),VESA 3D Sync Out (x1),VESA USB Type A (x1),USB Type A-1 (2.0/Power Supply2.0A) RS232 In (DB-9pin) (x1) Wired Remote In (3.5mm Mini Jack) (x1) Wired Remote Out (3.5mm Mini Jack) (x1) DC 12V Trigger (3.5mm Jack) (x1)
	Compatibility	Resolution Support VGA (640 x 480) to 4K UHD (3840 x 2160) Vertical Scan Rate 23-240Hz HDTV Compatibility 1080i;1080p;2160p;480i;480p;576i;576p;720p Video Compatibility N/A
Power	Power Consumptions(Typical)	440W
	Standby Power consumption	<0.5W
	Power Supply	AC 100 to 240 V, 50/60 Hz
Dimension and Weight	Product Dimensions (WxHxD)	416x166x351
	Product Weight	7
Operation Condition	Noise Level(Normal/Eco)	40/33
	Operating Temperature	0-40°C
Accessories	Accessories (Standard)	Remote Control w/ Battery (RCA011) Power Cord xl (1.8M) (by region) Warranty Card (by region) Installation Guide xl
	Accessories (Optional)	3D Glasses (DGD5) Ceiling Mount (CMG3)
OSD	On Screen Display Language	30L

*All related Optical Value is measure by Standard Len * The Contrast is measure by Full On Full Off standard.

WUXGA Fixed Lens

Model Name	Model Name	LU935	LU960UST	LU835ST
Display	Projection System	DLP	DLP	DLP
	DMD Type	0.48" ECD	0.48"	0.48" ECD
	Native Resolution	WUXGA (1920x1200)	WUXGA (1920x1200)	WUXGA (1920x1200)
	Brightness	6,000	5,200	5,500
	Contrast Ratio*	3,000,000:1	3,000,000:1	3,000,000:1
	Display Colour	30-bit (1.07 billion colours)	30-bit (1.07 billion colours)	30-bit (1.07 billion colours)
	Aspect Ratio	16:10	16:10	16:10
	Light Source	Laser	Laser	Laser
	Light Source Life*	20,000 hrs	Normal 20,000 hrs ; ECO 38,000 hrs ; Dimming 75,000 hrs	Normal 20,000 hrs
Optical	Throw Ratio	1.36-2.18	0.25	0.81 - 0.89
	Zoom Ratio	1.6x	Fixed	1.1x
	Lens Shift	Vertical -60%~ +60% Horizontal -23%~ +23%	N/A	Vertical -60%~ +60% Horizontal -23%~ +23%
	Keystone Correction	2D, Vertical ± 30 degrees; Horizontal ± 30 degrees	2D, Vertical ± 30 degrees; Horizontal ± 30 degrees;N/A	2D, Vertical ± 30 degrees; Horizontal ± 30 degrees
	Projection Offset**	0%	122%	0%
	Projection Size (Diagonal)	60"-200"	100"-150"	60"-200"
Audio	Built-in Speaker	(x2);10W	(x1);10W	(x2);10W
Special Feature	Security	Security Bar,Kingston Lock	Security Bar,Kingston Lock	Security Bar,Kingston Lock
	Feature	HDBaseT ; White Balance Adjustment	Laser ; TR 0.25, Digital V Lens Shift, <0.5W ; HDMI 2.0 ; HDMI Out ; HDBaseT ; 2D Keystone ; Corner Fit ; Image Resizing, Remote ID Setting; Portrait	Laser ; 1.1X ; TR 0.81-0.89 ; L/S V++60%, H++23% ; HDBaseT ; LAN ; 4K Compatible ; 3D syn In/Out ; Remote ID Setting ; Black
Connectivity	I/O Port	PC In (D-sub 15pin) (x1),PC In-1 Monitor Out (D-sub 15pin) (x1) HDMI In (x2),HDMI-1 (2.0a/HDCP2.2),HDMI-2 (2.0a/HDCP2.2) LAN (RJ45) (x1) HDBaseT (RJ45) (x1),Control/Video/Audio 3D Sync In (x1) 3D Sync Out (x1) USB Type A (x1),USB Type A-1 (2.0/Power Supply1.5A) RS232 In (DB-9pin) (x1) Wired Remote In (3.5mm Mini Jack) (x1) DC 12V Trigger (3.5mm Jack) (x1)	PC In (D-sub 15pin) (x1) ,PC In-1 Monitor Out (D-sub 15pin) (x1) HDMI In (x2) ,HDMI-1 (2.0a/HDCP2.2) ,HDMI-2 (2.0a/HDCP2.2) LAN (RJ45) (x1) Monitor Out (HDMI) (x1) Display Port (x1) LAN (RJ45) (x1) HDBaseT (RJ45) (x1) ,Control/Video/Audio 3D Sync In (x1) 3D Sync Out (x1) USB Type A (x1) ,USB Type A-1 (2.0/Power Supply1.5A) USB Type Mini B (x1) ,USB Type Mini B-1(service) RS232 In (DB-9pin) (x1) Wired Remote In (3.5mm Mini Jack) (x1) DC 12V Trigger (3.5mm Jack) (x1)	PC In (D-sub 15pin) (x1),PC In-1 Monitor out (D-sub 15pin) (x1) HDMI In (x2);HDMI-1 (2.0a/HDCP2.2),HDMI-2 (2.0a/HDCP2.2) LAN (RJ45) (x1) HDBaseT (RJ45) (x1),Control/Video/Audio 3D Sync In (x1) 3D Sync Out (x1) USB Type A (x1),USB Type A-1 (2.0/Power Supply1.5A) RS232 In (DB-9pin) (x1) Wired Remote In (3.5mm Mini Jack) (x1) DC 12V Trigger (3.5mm Jack) (x1)
	Compatibility	Resolution Support VGA (640 x 480) to 4K UHD (3840 x 2160) Vertical Scan Rate 23-120Hz HDTV Compatibility 1080i;1080p;480i;480p;576i;576p;720p Video Compatibility NTSC;PAL;SECAM	Resolution Support VGA (640 x 480) to 4K UHD (3840 x 2160) Vertical Scan Rate 23-120Hz HDTV Compatibility 1080i;1080p;480i;480p;576i;576p;720p Video Compatibility NTSC;PAL;SECAM	Resolution Support VGA (640 x 480) to 4K UHD (3840 x 2160) Vertical Scan Rate 23-120Hz HDTV Compatibility 1080i;1080p;480i;480p;576i;576p;720p Video Compatibility NTSC;PAL;SECAM
Power	Power Consumptions(Typical)	440W	450W	440W
	Standby Power consumption	<0.5W	<0.5W	<0.5W
	Power Supply	AC 100 to 240 V, 50/60 Hz	AC 100 to 240 V, 50/60 Hz	AC 100 to 240 V, 50/60 Hz
Dimension and Weight	Product Dimensions (WxHxD)	416x166 x 351	480 x473 x157.4	416x166 x 351
	Product Weight	7	12	7
Operation Condition	Noise Level(Normal/Eco)	32/39	N/A	32/39
	Operating Temperature	0-40°C	0-40°C	0-40°C
Accessories	Accessories (Standard)	Remote Control w/ Battery (RCA011) Power Cord xl (1.8M) (by region) Warranty Card (by region) Installation Guide xl	Remote Control w/ Battery (RCA024) Power Cord xl (1.8M) (by region) Warranty Card (by region) Installation Guide xl	Remote Control w/ Battery (RCA011) Power Cord xl (1.8M) (by region) Warranty Card (by region) Installation Guide xl
	Accessories (Optional)	3D Glasses (DGD5) Ceiling Mount (CMG3)	3D Glasses (DGD5) Ceiling Mount (CMG3)	3D Glasses (DGD5) Ceiling Mount (CMG3)
OSD	On Screen Display Language	30L	30L	30L

*All related Optical Value is measure by Standard Len * The Contrast is measure by Full On Full Off standard.



WUXGA Fixed Lens

Model Name	Model Name	LU930	LU710
Display	Projection System	DLP	DLP
	DMD Type	0.48"	0.48"
	Native Resolution	WUXGA (1920x1200)	WUXGA (1920x1200)
	Brightness	5,000	4,000
	Contrast Ratio*	3,000,000:1	3,000,000:1
	Display Colour	30 Bits (1.07 billion colours)	30-bit (1.07 billion colours)
	Aspect Ratio	16:10	16:10
	Light Source	Laser	Laser
	Light Source Life*	20,000 hrs	20,000 hrs
Optical	Throw Ratio	1.36 - 2.18	1.13 - 1.46
	Zoom Ratio	1.6x	1.3x
	Lens Shift	Vertical -60%~ +60% Horizontal -23%~ +23%	N/A
	Keystone Correction	2D, Vertical ± 30 degrees; Horizontal ± 30 degrees	2D, Vertical ± 30 degrees; Horizontal ± 30 degrees
	Projection Offset**	0%	100%
	Projection Size (Diagonal)	60"-200"	60"-200"
Audio	Built-in Speaker	(x2);10W	(x2);10W
	Security	Security Bar,Kingston Lock	Security Bar,Kingston Lock
Special Feature	Feature	Laser Light Source 5,000 ANSI Lumens High Brightness Big Zoom & Lens Shift 360-degree Projection LumiExpert FW Upgrade via LAN	Laser Light Source 4,000 ANSI Lumens High Brightness Big Zoom 360-degree Projection FW Upgrade via LAN
	i/O Port	PC In (D-sub 15pin) (x1), PC In-1 Monitor Out (D-sub 15pin) (x1) Composite Video In (RCA) (x1) Component Video In (3RCA) (x1) HDMI In (x2), HDMI-1 (1.4a/HDCP1.4), HDMI-2 (1.4a/HDCP1.4) LAN (RJ45) (x1) USB Type A (x1), USB Type A-1 (2.0/Power Supply1.5A/Service) RS232 In (DB-9pin) (x1) DC 12V Trigger (3.5mm Jack) (x1)	PC In (D-sub 15pin) (x1), PC In-1 Monitor Out (D-sub 15pin) (x1) Composite Video In (RCA) (x1) Component Video In (3RCA) (x1) HDMI In (x2), HDMI-1 (1.4a/HDCP1.4), HDMI-2 (1.4a/HDCP1.4) LAN (RJ45) (x1) USB Type A (x1), USB Type A-1 (2.0/Power Supply1.5A/Service) RS232 In (DB-9pin) (x1) DC 12V Trigger (3.5mm Jack) (x1)
Connectivity	Resolution Support	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced Blanking	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced Blanking
	Vertical Scan Rate	23-120Hz	23-120Hz
	HDTV Compatibility	1080i;1080p;480i;480p;576i;576p;720p	1080i;1080p;480i;480p;576i;576p;720p
	Video Compatibility	NTSC;PAL;SECAM	NTSC;PAL;SECAM
Power	Power Consumptions(Typical)	415W	Max 340W/ Normal 290W/ Eco 190W
	Standby Power consumption	<0.5W	<0.5W
	Power Supply	AC 100 to 240 V, 50/60 Hz	AC 100 to 240 V, 50/60 Hz
Dimension and Weight	Product Dimensions (WxHxD)	416 x166 x351	416 x166 x312
	Product Weight	6.3	6.3
Operation Condition	Noise Level(Normal/Eco)	37/30 dB	34/29 dB
	Operating Temperature	0-40°C	0-40°C
Accessories	Accessories (Standard)	Remote Control w/ Battery (RCE016) Power Cord xl (1.8M) (by region) HDMI Cable xl Warranty Card (by region) Quick Start Guide x 1	Remote Control w/ Battery (RCE016) Power Cord xl (1.8M) (by region) HDMI Cable xl Warranty Card (by region) Quick Start Guide x 1 Installation Guide xl
	Accessories (Optional)	3D Glasses (DGD5) Ceiling Mount (CMG3) Anti-Dust Filter	3D Glasses (DGD5) Ceiling Mount (CMG3) Anti-Dust Filter
OSD	On Screen Display Language	30L	30L

*All related Optical Value is measure by Standard Len * The Contrast is measure by Full On Full Off standard.

Full HD & WXGA Fixed Lens

Model Name	Model Name	LH890UST	LW820ST
Display	Projection System	DLP	DLP
	DMD Type	0.65"	0.65"
	Native Resolution	1080P (1920x1080)	WXGA (1280x800)
	Brightness	4,000	3,600
	Contrast Ratio*	3,000,000:1	3,000,000:1
	Display Colour	30-bit (1.07 billion colours)	30-bit (1.07 billion colours)
	Aspect Ratio	16:9	16:10
	Light Source	Laser	Laser
	Light Source Life*	20,000 hrs	20,000 hrs
Optical	Throw Ratio	0.23	0.52
	Zoom Ratio	Fixed	Fixed
	Lens Shift	N/A	N/A
	Keystone Correction	2D, Vertical ± 20 degrees; Horizontal ± 20 degrees	2D, Vertical ± 30 degrees; Horizontal ± 30 degrees
	Projection Offset**	118.80%	106%
	Projection Size (Diagonal)	81"-121"	60"-120"
Audio	Built-in Speaker	(x1);10W	(x1);10W
	Security	Kingston Lock	Security Bar,Kingston Lock
Special Feature	Feature	Laser,0.23 T/R, Inner Reflection, SmartEco,LAN Control,Corner Fit,PointWrite Camera,Driver Free,Wall Mount	Laser, 0.52 T/R, SmartEco, PointWrite, PointTouchWrite, FW Upgrade via LAN.
	i/O Port	PC In (D-sub 15pin) (x1), PC In-1 (shared with component video) Monitor Out (D-sub 15pin) (x1) Composite Video In (RCA) (x1) S-Video In (Mini DIN 4pin) (x1) HDMI In (x2), HDMI-1 (1.4b/HDCP1.4/MHL), HDMI-2 (1.4b/HDCP1.4) LAN (RJ45) (x1) USB Type A (x1), USB Type A-1 (2.0/Power Supply1.5A) USB Type Mini B (x2), USB Type Mini B-1(service), USB Type Mini B-2(PointWrite) RS232 In (DB-9pin) (x1)	PC In (D-sub 15pin) (x2), PC In-1 (shared with component video), PC In-2 (shared with component video) Monitor Out (D-sub 15pin) (x1) Composite Video In (RCA) (x1) S-Video In (Mini DIN 4pin) (x1) Component Video In (3RCA) (x2) HDMI In (x2), HDMI-1 (1.4b/HDCP1.2), HDMI-2 (1.4b/HDCP1.2/MHL) LAN (RJ45) (x1) USB Type A (x1), USB Type A-1 (2.0/Power Supply1.5A) USB Type Mini B (x1), USB Type Mini B-1(service) RS232 In (DB-9pin) (x1)
Connectivity	Resolution Support	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced Blanking	VGA(640 x 480) to WUXGA_RB(1920 x 1200) *RB=Reduced Blanking
	Vertical Scan Rate	15 -102KHz	15 -102KHz
	HDTV Compatibility	1080i;1080p;480i;480p;576i;576p;720p	1080i;1080p;480i;480p;576i;576p;720p
	Video Compatibility	NTSC;PAL;SECAM	NTSC;PAL;SECAM
Power	Power Consumptions(Typical)	358W	283W
	Standby Power consumption	<0.5W	<0.5W
	Power Supply	AC 100 to 240 V, 50/60 Hz	AC 100 to 240 V, 50/60 Hz
Dimension and Weight	Product Dimensions (WxHxD)	502.1 x164.5 x399.3	410 x 158x 272
	Product Weight	9.06	5.6
Operation Condition	Noise Level(Normal/Eco)	35/32 dB	33/29 dB
	Operating Temperature	0-35°C	0-40°C
Accessories	Accessories (Standard)	Remote Control w/ Battery (RCA022) Power Cord xl (1.8M) (by region) VGA Cable xl Warranty Card (by region) Quick Start Guide x 1	Remote Control w/ Battery (RCE015) Power Cord xl (1.8M) (by region) VGA Cable xl Warranty Card (by region) Quick Start Guide x 1 Lens Cover xl
	Accessories (Optional)	3D Glasses (DGD5) Wall Mount (WM03G6) Anti-Dust Filter	3D Glasses (DGD5) Wall Mount (WM06G3)
OSD	On Screen Display Language	28L	30L

*All related Optical Value is measure by Standard Len * The Contrast is measure by Full On Full Off standard.