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Development and Manufacture : **Maxell, Ltd.**

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Projectors Installation series

HITACHI
Inspire the Next

Providing advanced functionality with flexible installation features

*Projected images are simulations

		Model Name	Display System	Light Output (Brightness)	Resolution	Light Source	Standard Outside Dimensions (W × H × D)	Weight
	K Series	CP-WU13K	3-Chip DLP®	13,000 lm	WUXGA 1,920 × 1,200	465W × 2 lamp	500mm × 270mm × 633mm (19.7" × 10.6" × 24.9") (Excluding lens and protruding parts)	Approx. 34.0kg (75.0lbs.) (Excluding lens)
	9000 Series	LP-WU9100B LASER	1-Chip DLP®	10,000 lm	WUXGA 1,920 × 1,200	Laser diode	500mm × 216mm × 576mm (19.7" × 8.5" × 22.7") (Excluding lens and protruding parts)	Approx. 28kg (61.7lbs.) (Excluding lens)
		LP-WU9750B LASER		8,000 lm				
		CP-WU9100W CP-WU9100B		10,000 lm	WUXGA 1,920 × 1,200	430W × 2 lamp	537mm × 170mm × 438mm (21.1" × 6.7" × 17.2") (Excluding lens and protruding parts)	Approx. 17.0kg (37.5lbs.) (Excluding lens)
		CP-WU9411 CP-WU9410		8,500 lm		370W × 2 lamp		Approx. 16.6kg (36.6lbs.) (Excluding lens)
		CP-HD9950W CP-HD9950B		9,500 lm	Full HD 1,920 × 1,080	430W × 2 lamp		Approx. 17.0kg (37.5lbs.) (Excluding lens)
		CP-HD9321 CP-HD9320		8,200 lm		365W × 2 lamp		Approx. 16.6kg (36.6lbs.) (Excluding lens)
		CP-WX9211 CP-WX9210		8,500 lm	WXGA 1,280 × 800	370W × 2 lamp		
		CP-X9111 CP-X9110		10,000 lm	XGA 1,024 ×768	370W × 2 lamp		
	8000 Series	CP-WU8700W CP-WU8700B	3 LCD	7,000 lm	WUXGA 1,920 × 1,200	430W lamp	501mm × 167mm × 437mm (19.7" × 6.6" × 17.2") (Excluding lens)	Approx. 11.1kg (24.5lbs.) (Excluding lens)
		CP-WU8600W		6,000 lm		370W lamp		
		CP-WX8750W CP-WX8750B		7,500 lm	WXGA 1,280 × 800	430W lamp		
		CP-WX8650W		6,500 lm		370W lamp		
		CP-X8800W CP-X8800B		8,000 lm	XGA 1,024 × 768	430W lamp		
		CP-WU8461	3LCD	6,000 lm	WUXGA 1,920 × 1,200	365W lamp	498mm × 135mm × 396mm (19.6" × 5.3" × 15.6") (Excluding protruding parts)	Approx. 9.2kg(20.3lbs.)
		CP-WU8451		5,000 lm		330W lamp		
		CP-WX8265		6,500 lm	WXGA 1,280 × 800	365W lamp		Approx. 8.8kg (19.4lbs.)
		CP-WX8255A		5,500 lm		330W lamp		Approx. 8.7kg (19.2lbs.)
		CP-X8170		7,000 lm	XGA 1,024 × 768	365W lamp		Approx. 8.8kg (19.4lbs.)
		CP-X8160		6,000 lm		330W lamp		
	6000 Series	LP-WU6600 LASER	1-Chip DLP®	6,000 lm	WUXGA 1,920 × 1,200	Laser diode	470mm × 220mm × 521mm (18.5"× 8.7"× 20.5") (Excluding lens)	Approx. 24.5kg (54.0lbs.) (Excluding lens)
		LP-WU6500 LASER		5,000 lm			360mm × 164mm × 442mm (14.2" × 6.5" × 17.4")	Approx. 11.4kg (25.1lbs.)
	5000 Series	CP-WU5506M	3LCD	5,200 lm	WUXGA 1,920 × 1,200	300W lamp	466mm × 138mm × 339mm (18.3" × 5.4" × 13.3")	Approx. 7.2kg (15.9lbs.)
		CP-WU5505		5,200 lm				Approx. 7.1kg (15.7lbs.)
		CP-WU5500		5,200 lm				
		CP-WX5506M		5,400 lm	WXGA 1,280 × 800		466mm × 138mm × 337mm (18.3" × 5.4" × 13.3")	Approx. 6.9kg (15.2lbs.)
		CP-WX5505		5,200 lm				Approx. 6.8kg (15.0lbs.)
		CP-WX5500		5,200 lm				
		CP-X5555		5,800 lm	XGA 1,024 × 768			
		CP-X5550		5,800 lm				

3-Chip DLP®

Each chip is divided by a light prism into each of the three primary color chips instead of the light being directed into one unique chip. The light is then redirected and combined through the projector lens as the image. This 3-chip system makes images natural with vivid colors.

1-Chip DLP®

Projection method that uses a single DLP® chip to switch the red, green, and blue signals according to the color wheel. This method provides excellent color uniformity of images, durability, and is suitable for multiple projections and 24-hour use.

Laser (blue) light source

Lamp light source

3 LCD Chips with Inorganic Alignment Layers

Projectors incorporate three LCD panels with inorganic alignment layers that are extremely light resistant, increasing brightness and contrast ratio. They provide smooth images and high reliability.

Event Halls | Large Conference Rooms

K Series

Project images with vivid colors with high-definition on large screens. The bright 13,000-lumen flagship model with Full HD support.

LINE UP

CP-WU13K

WUXGA 13,000 lm

* The lens of the projector is sold separately. * Local availability may be limited.

Option lens

- **FL-K01** Short throw lens Zoom: x1.0
- **FL-K02** Short throw lens Zoom: x1.0
- **SL-K03** Short throw zoom lens Zoom: ×1.3
- **ML-K04** Standard zoom lens Zoom: ×1.3
- **LL-K05** Long throw zoom lens Zoom: ×1.6
- **UL-K06** Ultra long throw zoom lens Zoom: ×1.6

High Brightness and Image Quality

3-Chip DLP®

Each chip is divided by a light prism into each of the three primary color chips instead of the light being directed into one unique chip. The light is then redirected and combined through the projector lens as the image. This 3-chip system makes images natural with vivid colors.

Dual Lamp

Equipped with a dual lamp system that achieves a high brightness of 13,000lm. The period between lamp maintenance can be extended by using the single lamp mode, which automatically chooses and turns on the lamp with lower usage hours.

Brightness

Lamp mode		Brightness
Dual	Normal	13,000 lm
	Eco	10,000 lm
	Power	10,000 - 13,000 lm
Single	Normal	6,500 lm
	Eco	5,000 lm
	Power	5,000 - 6,500 lm

Power mode is useful to keep brightness consistent when using multiple projectors.

WUXGA

The projectors support high resolution WUXGA that covers Full HD. You can fully enjoy wide-screen images with a sense of reality.

DICOM® Simulation Mode

This mode is suitable for viewing grayscale medical images, such as X-rays, for training and educational purposes.

* This projector is not a medical device and is not compliant with the DICOM® standard, and neither the projector nor the DICOM® Simulation Mode should be used for medical diagnosis.
* Comparison photos are simulations.

Normal Mode | DICOM® Simulation Mode

Digital Connectivity

4 Digital Inputs

The projector provides 4 digital inputs consisting of HDMI (×2), SDI, and DVI to handle many types of installation environments.

* The 3D DVI input terminal supports the WUXGA / 1080 signals only. No OSD functions are available while the 3D DVI input is selected.

SDI

Equipped with an SDI input, the standard in the broadcast industry. 3G SDI can transfer 1080P signals via a coaxial cable.

Advanced Installability and System Features for Various Uses

Edge Blending

The projectors are equipped with the Edge Blending function that achieves further seamless projection of one image using multiple projectors.

* Additional equipment may be required for this feature.

Powered Focus and Warp

The position of the four corners, sides, and rotation of a projected image can be adjusted with Warp. Focus can be adjusted with Powered Focus. The focus and position can easily be adjusted with the remote control.

Motorized Lens Shift

The motorized lens shift lets you choose more convenient installation locations, even for large spaces. The figure shows the lens shift range at the ceiling mounting position.

* Not available with FL-K01 lens.

* This figure is not drawn to scale.

High Reliability and Stability

Hybrid Filter

The finely crafted form of the projectors incorporates a two-layer filter, providing defense against dust with a pleats type filter and urethane filter. Thanks to easy maintenance, this model is suitable for use in retail, digital signage, and other environments where the projector is in constant use.

Options

Ceiling Mount

The ceiling mount lets you hang the projector with a distance of up to 97 cm from the ceiling. You can move the projector up and down or rotate it to finely adjust the position of the projected screen.

HAS-13K

Frame

The stackable frames for the K series let you create a 2-level frame with projectors that are secured. They are equipped with adjustment mechanisms to tilt, elevate, and pan allowing you to finely adjust the position of the projected screen.

FS-13K

2-level frame configuration

LINE UP

LP-WU9100B

WUXGA 10,000 lm

LASER Light Source

LP-WU9750B

WUXGA 8,000 lm

LASER Light Source

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

HDBT™

* The lens of the projector is sold separately. * Local availability may be limited.

Option lens

FL-920
Ultra short throw fixed lens
Zoom: ×1.0

USL-901A
Ultra short throw lens
Zoom: ×1.3

SL-902
Short throw lens
Zoom: ×1.5

SD-903
Standard lens
Zoom: ×1.5

ML-904
Middle throw lens
Zoom: ×1.5

LL-905
Long throw lens
Zoom: ×1.6

UL-906
Ultra long throw lens
Zoom: ×1.6

High Reliability and Stability

Long life 20,000 hours*1 Laser light source

Light source combined Blue laser diodes and Phosphor can achieve high brightness of 10,000 Lumens (LP-WU9100B)/8,000 Lumens (LP-WU9750B). The projection image has a bright, clear, and vivid in color. Since lamp exchange is unnecessary, maintenance cost is reduced. Furthermore, you do not need to worry about lamp life, and it is fit for digital signage purposes that require long hours of continuous projection. Because the product does not use mercury lamps, it is eco-friendly.

*1 For laser light source. Not a guaranteed value.

Wide range of Color Reproduction

The color reproduction range is wide compared to lamp light projectors and projects brilliantly colored images.

Dust resistant structure by sealed engine

Reduces the invasion of dust and other particles in the air that decrease the brightness when they get attached to the optical parts. Reduces the decrease in brightness due to dust, resulting in a long lasting bright, clear, and vivid colored picture.
Eliminates the intake filter and filter maintenance.

Laser Power Level Control

Power of laser light source is controllable by every 1% step*2.
You can adjust brightness of the projection image to fit the luminance of the environment and can save power consumption.
This feature helps you to adjust the similar brightness of projectors, for example, the side-by-side projection and edge blending applications.

*2 The adjustment range is 20~100% at Custom mode.

Tunes brightness of image according to surrounding environment.

Matches brightness of images projected side by side.

Interchangeable Lens Options

Motorized Lens Shift

The motorized lens shift lets you choose a more convenient installation location, even for large spaces.

* This figure shows the lens shift range for the projector with the optional lens SD-903 at the ceiling mounting position. For the other lens and projectors, please see page 29.
* This figure is not drawn to scale.

Ultra Short Throw fixed lens

All Glass lens

FL-920 uses all glass lenses that reduce the blurring that occurs under changes between high and low temperature.

Ceiling mount HAS-404U

Ceiling mount bracket with 6-axis adjustment mechanism. Adopting the Jack system, it is easy to adjust elevation.

* Secure a clearance of 50 cm or greater between the exhaust vents and a screen or walls.
* This figure is not drawn to scale.

Advanced Installability

Digital Connectivity

Equipped with an SDI input, the standard in the broadcast industry. 3G SDI can transfer 1080P signals via a coaxial cable. Projectors provide 5 digital inputs: SDI, HDBaseT™, HDMI1/2, and DVI-D.

360° Projection

The projectors provide great installation flexibility as they can be installed at various angles*3.

*3 The life of optical parts may shorten if the projector is installed with the lens facing downward or the IO connector side upward.

Edge Blending

The projectors are equipped with the Edge Blending function that achieves further seamless projection of one image using multiple projectors.

* Additional equipment may be required for this feature.

Geometry Correction * LP-WU9100B only

This feature enables to project pictures on spherical surfaces and surfaces with corners, as well as conventional flat screens. You can project a huge image even on a curved screen by using the edge blending function simultaneously.

* The specialized application for geometry correction is required.

High Image Quality and Visibility

ACCENTUALIZER * LP-WU9100B only

This function makes pictures look more real by enhancing (1) Shade, (2) Sharpness and (3) Gloss to make pictures clear. You can also adjust the effects by three levels according to your surroundings, video contents, etc.

* Comparison photos are simulations.

ACCENTUALIZER OFF

Original image

ACCENTUALIZER ON

Increased Shade, Sharpness, and Gloss

HDCR (High Dynamic Contrast Range) * LP-WU9100B only

When average projectors are used in bright rooms, the darker colors of an image deteriorate and images become unclear. Using this function, blurred images caused by room lighting or outside light sources are corrected, and an effect similar to increasing contrast occurs. This results in clear images even in bright rooms.

* Comparison photos are simulations.

Bright room

HDCR OFF

Dark parts are obscure.

HDCR ON

Dark parts are clear. (Distinct)

LINE UP

WH CP-WU9100W BL CP-WU9100B WUXGA 10,000 lm	WH CP-WU9411 BL CP-WU9410 WUXGA 8,500 lm		
WH CP-HD9950W BL CP-HD9950B Full HD 9,500 lm	WH CP-HD9321 BL CP-HD9320 Full HD 8,200 lm	WH CP-WX9211 BL CP-WX9210 WXGA 8,500 lm	WH CP-X9111 BL CP-X9110 XGA 10,000 lm

* The lens of the projector is sold separately. * Local availability may be limited.

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

HDBT

Option lens

FL-910
Ultra short throw fixed lens
Zoom: ×1.0

USL-901A
Ultra short throw lens
Zoom: ×1.3

SL-902
Short throw lens
Zoom: ×1.5

SD-903
Standard lens
Zoom: ×1.5

ML-904
Middle throw lens
Zoom: ×1.5

LL-905
Long throw lens
Zoom: ×1.6

UL-906
Ultra long throw lens
Zoom: ×1.6

High Image Quality and Visibility

Built-in Dual Color Wheel

Two color wheels are built in to match usage conditions. By switching the color wheel, you can achieve an image quality to match the projected image. Previously requiring the services of an expert, this feature allows you to switch the color wheel in about 10 seconds with the remote control without having to open the chassis to install the color wheel.

Bright mode : Prioritizes brightness and sharpens white colors.
Achieves projections with bright and high contrast images, making it suitable for presentations and other situations that require the sharing of information.

Rich Color mode : Reproduces color in levels equivalent to digital cinema. Suitable for use in museums and for viewing videos that emphasize color.

ACCENTUALIZER and HDCR

ACCENTUALIZER makes pictures look more real by enhancing shade, sharpness, and gloss, to make pictures clearer. The HDCR function corrects blurred images caused by room lighting or outside light sources and creates an effect similar to increasing contrast resulting in clear images even in bright rooms.

* Comparison photos are simulations.

Bright room

ACCENTUALIZER, HDCR OFF

ACCENTUALIZER, HDCR ON

COLOR MANAGEMENT*1

This feature allows you to change the HUE, SATURATION, and LUMINANCE for each of 6 colors (red, green, blue, cyan, magenta, and yellow) without influencing each other. With this technology, for example, you can change only bluish colors, such as the sky, while maintaining the other colors by adjusting the HUE of the blue.

* Comparison photos are simulations. *1 For CP-WU9100W/B and CP-HD9950W/B only.

High Reliability and Stability

24/7 Use

Equipped with the highly reliable Dual Lamp System. If one lamp stops functioning while using in the DUAL mode, the other lamp continues to project the image with no interruption in the projection. Also, long hours of continuous operation is available with the ALTERNATIVE mode which alternates the use of the two lamps.

ALTERNATIVE mode
When the CYCLE TIME is set to 6 hours

Status Monitor

The status monitor is a sub-LCD located on the rear panel of the projector. It displays the present condition of the projector, including errors, setup information, and error history.

Real time monitoring

- Lamp time
- Filter time
- Projector usage time
- IP Address

Error and alarm message

- Cover error
- Lamp error
- Temperature error
- Filter cleaning time

and more…

An error message turns on.

Monitoring Projector Status

The projectors allow you to get the information displayed on the status monitor and more by your tablet or smartphone with the latest dedicated free online application when you need, even if you are not close to the projector.

* Available information depends on the model of projector.
The optional USB wireless adapter USB-WL-11N supporting IEEE801.11b/g/n is required when you connect the projector to a wireless network.

Dual Lamp

Equipped with a dual lamp system that achieves a high brightness of 10,000 lm*2 in a compact body weighing only approx.16.6kg (36.6lbs.)*3. The period between lamp maintenance can be doubled by using the single lamp mode.

*2 For the CP-WU9100W/B, CP-X9111 and CP-X9110
*3 Not include lens. CP-WU9100W/B weighs approx. 17.0kg (37.5lbs.)

Brightness

Lamp mode		CP-WU9100W CP-WU9100B	CP-X9111 CP-X9110	CP-HD9950W CP-HD9950B	CP-HD9321 CP-HD9320	CP-WU9411 CP-WU9410	CP-WX9211 CP-WX9210
Dual	Normal	10,000 lm	10,000 lm	9,500 lm	8,200 lm	8,500 lm	
	Eco	7,600 lm	7,500 lm	7,220 lm	6,200 lm	6,400 lm	
Single	Normal	5,000 lm	5,000 lm	4,750 lm	4,100 lm	4,250 lm	
	Eco	3,800 lm	3,800 lm	3,610 lm	3,100 lm	3,200 lm	

Advanced Installability and System Features for Various Uses

Geometry Correction

Geometry correction is possible from your computer by using the specialized application. Projection is possible on spherical surfaces and surfaces with corners, as well as conventional flat screens.

Various Installation

Projectors can be installed facing vertical 360 degrees directions. In addition, by rotating the installation position of the projector 90 degrees*4, you can project images that are vertically long. These features make it possible to provide various displays and image representations never before possible.

*4 Limited to the position where the terminal side is on the top. Make sure to fix the projector before using. The service life of a lamp becomes shorter. For CP-WU9100W/B, CP-HD9950W/B, and CP-HD9321/9320 only.

Edge Blending

The projectors are equipped with the Edge Blending function that achieves further seamless projection of one image using multiple projectors, and allow to project on a huge curved screen by using the geometry correction simultaneously*5.

* Additional equipment may be required for this feature.

*5 For CP-WU9100W/B and CP-HD9950W/B.

5 Digital Inputs

Equipped with an SDI*6 input, the standard in the broadcast industry. 3G SDI can transfer 1080P signals via a coaxial cable. Projectors provide 5 digital inputs : SDI, HDBaseT™, HDMI(×2), DVI-D.

*6 SDI input terminal is supported by CP-WU9100W/B, CP-HD9950W/B, and CP-HD9321/9320.

Motorized Lens Shift

The motorized lens shift lets you choose a more convenient installation location, even for large spaces.

* The figure below shows the lens shift range for CP-WU9100B with the optional lens SD-903 at the ceiling mounting position. For the other lens and projectors, please see page 29.

* This figure is not drawn to scale.

Ultra Short Throw fixed lens

All Glass lens

FL-910 uses all glass lenses that reduce the blurring that occurs under changes between high and low temperature.

Ceiling mount HAS-404U

Ceiling mount bracket with 6-axis adjustment mechanism. Adopting the Jack system, it is easy to adjust elevation.

* Secure a clearance of 50 cm or greater between the exhaust vents and a screen or walls.
* This figure is not drawn to scale.

Other Features

[Network] : Projector Control, Wireless capability (option), Easy Scheduling Setting, Network presentation **[Installability]** : Perfect Fit, Instant Stack, Lens center design **[Security]** : PIN lock, Key lock, Lens lock **[Usability]** : Multi-language user menu, Direct Power On/Off, Magnify, PbyP / PinP, DICOM® simulation mode, Remote ID, Wired / Wireless(IR) remote control, Low acoustic noise level **[Go green]** : Eco mode, Saving standby

8000 Series - High spec models

Seamless design and High image quality

Providing advanced functions and flexible installation features

LINE UP

WH CP-WU8700W
BL CP-WU8700B
WUXGA 7,000 lm

WH CP-WU8600W
WUXGA 6,000 lm

WH CP-WX8750W
BL CP-WX8750B
WXGA 7,500 lm

WH CP-WX8650W
WXGA 6,500 lm

WH CP-X8800W
BL CP-X8800B
XGA 8,000 lm

* The lens of the projector is sold separately. * Local availability may be limited.

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE
HDBT

Option lens

FL-710
Ultra short throw fixed lens
Zoom: ×1.0

FL-701
Fixed short throw lens
Zoom: ×1.0

SL-712
Short throw lens
Zoom: ×1.5

ML-713
Middle throw lens
Zoom: ×1.7

LL-704
Long throw lens
Zoom: ×1.7

UL-705
Ultra long throw lens
Zoom: ×1.7

High Image Quality and Visibility

ACCENTUALIZER and HDCR

ACCENTUALIZER makes pictures look more real by enhancing shade, sharpness, and gloss, to make pictures clearer. The HDCR function corrects blurred images caused by room lighting or outside light sources and creates an effect similar to increasing contrast resulting in clear images even in bright rooms.

* Comparison photos are simulations.

Bright room

ACCENTUALIZER, HDCR OFF ACCENTUALIZER, HDCR ON

IMAGE OPTIMIZER

Equipped with IMAGE OPTIMIZER that maintains visibility of an image through automatic image correction in accordance with lamp condition.

* This function may not work properly when HDCR and/or ACCENTUALIZER is ON.
* Comparison photos are simulations.

After long-hour use

IMAGE OPTIMIZER OFF IMAGE OPTIMIZER ON

The entire image becomes dark. Dark parts of the image becomes clear.

COLOR MANAGEMENT

This feature allows you to change the HUE, SATURATION, and LUMINANCE for each of 6 colors (red, green, blue, cyan, magenta, and yellow) without influencing each other. With this technology, for example, you can change only bluish colors, such as the sky, while maintaining the other colors by adjusting the HUE of the blue.

Advanced Installability and System Features for Various Uses

Geometry Correction

Geometry correction is possible from your computer by using the specialized application. Projection is possible on spherical surfaces and surfaces with corners, as well as conventional flat screens.

Spherical object | Corner wall | Curved screen | Curved screen

Various Installation

Projectors can be installed facing vertical 360 degrees directions*1. In addition, by rotating the installation position of the projector 90 degrees*2, you can project images that are vertically long. These features make it possible to provide various displays and image representations never before possible.

*1 When the ultra long throw lens UL-705 is attached, the projector cannot be installed facing its projection lens upward or downward.
*2 Limited to the position where the lamp door side faces upward. When the projector is used in a portrait installation, the service life of a lamp becomes shorter.

Edge Blending

The projectors are equipped with the Edge Blending function that achieves further seamless projection of one image using multiple projectors, and allow to project on a huge curved screen by using the geometry correction simultaneously.

* Additional equipment may be required for this feature.

Motorized Lens Shift

The motorized lens shift lets you choose more convenient installation locations, even for large spaces.

* The figure below shows the lens shift range for CP-WU8700W / CP-WU8700B / CP-WU8600W / CP-WX8750W / CP-WX8750B / CP-WX8650W with the optional middle throw lens ML-713 at the ceiling mounting position.

* This figure is not drawn to scale.

Digital Connectivity

Equipped with 2 HDMI input terminals for the current widely-used interface. In addition, these models have more rich digital connectivity, DisplayPort, HDBaseT™, and SDI*3 input terminals.

*3 SDI terminal is located on the CP-WU8700W/B only.

Ultra Short Throw fixed lens

All Glass lens

FL-710 uses all glass lenses that reduce the blurring that occurs under changes between high and low temperature.

Ceiling mount HAS-404U

Ceiling mount bracket with 6-axis adjustment mechanism. Adopting the Jack system, it is easy to adjust elevation.

* Secure a clearance of 50 cm or greater between the exhaust vents and a screen or walls.
* This figure is not drawn to scale.

Seamless Design

With the terminal cover, you can install the projector seamlessly.

* You may not be able to attach the terminal cover when cables and devices are connected to the connectors other than the HDBaseT terminal.

High Reliability and Stability

Hybrid Filter

The projectors use a three-layer filter with two layers of unwoven cloth and an HAF (High Air Flow) filter. The filter can last up to 20,000 hours*4 without cleaning, reducing maintenance time.

*4 Varies according to usage environment.

Easy Maintenance

The lamp door and the filter cover are located on both sides, facilitating maintenance and replacement when the projector is installed on the ceiling. The serial number and MAC address are also labeled on the side chassis for easy readability.

Status Monitor

The status monitor is a sub-LCD located on the rear panel of the projector. It displays the present condition of the projector, including errors, setup information, and error history.

Real time monitoring

- Lamp time
- Filter time
- Projector usage time
- IP Address

Error and alarm message

- Cover error
- Lamp error
- Temperature error
- Filter cleaning time

and more…

An error message turns on.

Monitoring Projector Status

The projectors allow you to get the information displayed on the status monitor and more by your tablet or smartphone with the latest dedicated free online application when you need, even if you are not close to the projector.

* Available information depends on the model of projector.
The optional USB wireless adapter USB-WL-11N supporting IEEE801.11b/g/n is required when you connect the projector to a wireless network.

Inorganic LCD panels

Hitachi 3LCD projectors incorporate three LCD panels with inorganic alignment layers that are extremely light resistant, increasing brightness and contrast ratio. They provide smooth images and high reliability.

HTPS
(High Temperature Poly-Silicon)

Other Features

[Network] : Projector Control, Wireless capability (option), Easy Scheduling Setting, Network presentation **[Installability]** : Perfect Fit, Instant Stack, Lens center design **[Security]** : PIN lock, Key lock, Lens lock **[Usability]** : Multi-language user menu, Direct Power On/Off, Magnify, PbyP / PinP, DICOM® simulation mode, Remote ID, Wired/Wireless(IR) remote control **[Go green]** : Eco mode, Saving standby

LINE UP

CP-WU8461
WUXGA 6,000 lm

CP-WU8451
WUXGA 5,000 lm

CP-WX8265
WXGA 6,500 lm

CP-X8170
XGA 7,000 lm

CP-WX8255A
WXGA 5,500 lm

CP-X8160
XGA 6,000 lm

* Local availability may be limited.

HDMI® HIGH-DEFINITION MULTIMEDIA INTERFACE

HDBT™

* HDBaseT™ is supported by CP-WU8461 and CP-WU8451 only.

Option lens

FL-701
Fixed short throw lens
Zoom: x1.0

SL-702/ SL-712
Short throw lens
Zoom: ×1.5

ML-703*1
Middle throw lens
Zoom: ×2.0

ML-713
Middle throw lens
Zoom: ×1.7

LL-704
Long throw lens
Zoom: ×1.7

UL-705
Ultra long throw lens
Zoom: ×1.7

*1 ML-703 comes standard on the projector models above.

Advanced Installability and System Features for Various Uses

2.0× Zoom Lens

Featuring a powerful 2.0× zoom lens, the projectors allow for a greater range of installation possibilities. This is particularly convenient in rooms that lack installation flexibility due to ceiling obstructions such as water sprinklers, vents, and lighting fixtures.

Projection distance for 100 inch screen

*2 The projection distance above is for the CP-X8170.
* This figure is not drawn to scale.

Lens Center Design

By aligning the center of the projector and lens, the installation position of the projector becomes simple during the design and construction of a facility.

360° Projection

The projectors can be installed facing vertical 360 degree directions*3 providing many projection possibilities. For example, you can install a projector to project onto a floor or ceiling. You can utilize the projectors in many different ways.

*3 When the ultra long throw lens UL-705 is attached, the projector cannot be installed facing its projection lens upward or downward.

Motorized Lens Shift

The motorized lens shift lets you choose more convenient installation locations, even for large spaces.

* The figure on the right shows the lens shift range for CP-WU8461 / CP-WU8451 with the standard lens ML-703 at the ceiling mounting position.

* This figure is not drawn to scale.

High Image Quality and Visibility

ACCENTUALIZER and HDCR

ACCENTUALIZER makes pictures look more real by enhancing shade, sharpness, and gloss, to make pictures clearer. The HDCR function corrects blurred images caused by room lighting or outside light sources and creates an effect similar to increasing contrast resulting in clear images even in bright rooms.

* Comparison photos are simulations.

Bright room

ACCENTUALIZER, HDCR OFF ACCENTUALIZER, HDCR ON

* Only for the CP-WU8461 / CP-WU8451 / CP-WX8265 / CP-X8170

IMAGE OPTIMIZER

Equipped with IMAGE OPTIMIZER that maintains visibility of an image through automatic image correction in accordance with lamp condition.

* This function may not work properly when HDCR and/or ACCENTUALIZER is ON.
* Comparison photos are simulations.

After long-hour use

IMAGE OPTIMIZER OFF IMAGE OPTIMIZER ON

The entire image becomes dark. Dark parts of the image becomes clear.

* Only for the CP-WU8461 / CP-WU8451

High Efficiency Optical System

The projectors achieve a bright optical engine by adopting a short arc length lamp with a small F-number lens.

DICOM® Simulation Mode

The DICOM®(Digital Imaging and Communications in Medicine) Simulation Mode projects grayscale images which approximate DICOM® Part 14 specifications. This mode is suitable for viewing grayscale medical images, such as X-rays, for training and educational purposes.

The projectors have a DICOM® Simulation Mode. This mode simulates the DICOM® standard, which is a standard applicable to digital communications in medicine, and is useful for displaying medical images such as X-rays. These projectors are not medical devices and are not compliant with the DICOM® standard, and neither the projector nor the DICOM® Simulation Mode should be used for medical diagnosis.
* Comparison photos are simulations.

Normal Mode DICOM® Simulation Mode

High Reliability and Stability

Hybrid Filter

The projectors use a three-layer filter with two layers of unwoven cloth and an HAF (High Air Flow) filter. The filter can last up to 20,000 hours*4 without cleaning, reducing maintenance time.

*4 Varies according to usage environment.

Easy Maintenance

The lamp door and the filter cover are located on both sides, facilitating maintenance and replacement when the projector is installed on the ceiling. The serial number and MAC address are also labeled on the side chassis for easy readability.

Status Monitor

The status monitor is a sub-LCD located on the rear panel of the projector. It displays the present condition of the projector, including errors, setup information, and error history.

Real time monitoring
- Lamp time
- Filter time
- Projector usage time
- IP Address

Error and alarm message
- Cover error
- Lamp error
- Temperature error
- Filter cleaning time

and more…

An error message turns on.

Monitoring Projector Status

The projectors allow you to get the information displayed on the status monitor and more by your tablet or smartphone with the latest dedicated free online application when you need, even if you are not close to the projector.

* Available information depends on the model of projector.
The optional USB wireless adapter USB-WL-11N supporting IEEE801.11b/g/n is required when you connect the projector to a wireless network.

Inorganic LCD panels

Hitachi 3LCD projectors incorporate three LCD panels with inorganic alignment layers that are extremely light resistant, increasing brightness and contrast ratio. They provide smooth images and high reliability.

HTPS
(High Temperature Poly-Silicon)

Other Features

[Network] : Projector Control, Wireless capability (option), Easy Scheduling Setting, Network presentation **[Installability]** : Perfect Fit, Instant Stack **[Security]** : PIN lock, Key lock, Lens lock **[Usability]** : Multi-language user menu, Direct Power On/Off, Magnify, PbyP / PinP, Remote ID, Wired/Wireless(IR) remote control **[Go green]** : Eco mode, Saving standby

LINE UP

LP-WU6600

WUXGA 6,000 lm

LASER Light Source

LP-WU6500

WUXGA 5,000 lm

LASER Light Source

* The lens of the projector is sold separately.

HDMI® HIGH-DEFINITION MULTIMEDIA INTERFACE
HDBT™ AllianceT
MHL™

* Local availability may be limited.

Option lens

SL-62
Semi short throw lens
Zoom: ×1.18

SD-63
Standard lens
Zoom: ×1.25

ML-64
Long throw lens
Zoom: ×1.5

High Reliability and Stability

Long life 20,000 hours*1 Laser light source

Light source combined Blue laser diodes and Phosphor can achieve 6,000 Lumens (LP-WU6600) / 5,000 Lumens (LP-WU6500). The projection image is bright, clear, and vivid in color. Since lamp exchange is unnecessary, maintenance cost is reduced. Furthermore, you do not need to worry about lamp life, and it is fit for digital signage purposes that require long hours of continuous projection. Because the product does not use mercury lamps, it is eco-friendly.
With an approximate light source life of 20,000 hours*1, the LASER projector series is suitable for venues such as museums, restaurants and digital signage.

*1 For laser light source. Not a guaranteed value.

Brightness Deterioration Comparison between Hitachi projectors.

This graph is for illustrative purposes only. Compared with a 4,000-hour lamp projector.

Dust Resistant Optical Engine with Heat Pipe Cooling System

Reduces the invasion of dust and other particles in the air that decreases the brightness when they get attached to the optical parts. Reduces the decrease in brightness due to dust, resulting in a long lasting bright, clear, and vivid colored picture. Eliminates the intake filter and filter maintenance.
Achieved efficient cooling by adopting a heat pipe cooling system for the laser module. Contributes to the module's reliability due to its capabilities in reducing thermal stress.

* This is an image of LP-WU6600's optical engine.

High Image Quality

Wide range of Color Reproduction

The color reproduction range is wide compared to lamp projectors and projects brilliantly colored images.

Color Space Comparison between Hitachi projectors

* This chart shows LP-WU6600 characteristics.

DICOM® Simulation Mode

This mode is suitable for viewing grayscale medical images, such as X-rays, for training and educational purposes.

Normal Mode

DICOM® Simulation Mode

This projector is not a medical device and is not compliant with the DICOM® standard, and neither the projector nor the DICOM® Simulation Mode should be used for medical diagnosis.

* Comparison photos are simulations.

Advanced Installability

360° Projection

The projectors provide great installation flexibility as they can be installed at various angles. By rotating the projector 90 degrees, you can project vertically long images (Portrait projection).*2

*2 The life of optical parts may shorten if LP-WU6600 is installed with the lens facing downward or the IO connector side upward, and if LP-WU6500 is installed at the PORTRAIT projection situation.

Portrait projection

* These are images of LP-WU6600.

Laser Power Level Control

Power of laser light source is controllable by every 1% step*3. It allows the brightness of the projection image to fit in the luminance environment and can save the power consumption. This feature helps you to adjust the similar brightness of projectors, for example, the side-by-side projection.

*3 The adjustment range is 25~100% at Custom Light mode.

Tunes brightness of image according to surrounding environment

Matches brightness of images projected side by side

Digital Connectivity

Equipped with HDBaseT™ input, capable of transmitting signals with no image degradation using a standard LAN cable (Cat5e or higher, shielded type) of up to approx.100 m. Also, LP-WU6600 provides HDMI1/2 and DVI-D, and LP-WU6500 provides HDMI1/2/3 other than HDBaseT.

* This is an image of LP-WU6600.

MHL® connectivity

One of the HDMI input terminals of the projectors supports the MHL (Mobile High-Definition Link). This feature allows you to mirror the screen of your MHL-enabled smartphone or tablet on a projected screen.

* This is an image of LP-WU6600.

Powerful Zoom Lens

Featuring a powerful manual zoom lens, the projectors allow for a greater range of installation possibilities.

* This figure shows the zoom range for LP-WU6500 at the ceiling mounting position. LP-WU6600 supports three kinds of optional zoom lenses.

Projection distance for 100 inch screen

* This figure is not drawn to scale.

Lens Shift

Manually shift the lens horizontally and vertically to position the image on the screen without causing keystone distortion.

* This figure shows the lens shift range for LP-WU6500 at the ceiling mounting position. The lens shift range of LP-WU6600 is -15 to 55%(vertical) and +/-5%(horizontal), For more information, please see page 29.

* The figures are not drawn to scale.

LINE UP

* Local availability may be limited.

CP-WU5506M
WUXGA 5,200 lm

CP-WX5506M
WXGA 5,400 lm

CP-WU5505
WUXGA 5,200 lm

CP-WX5505
WXGA 5,200 lm

CP-X5555
XGA 5,800 lm

CP-WU5500
WUXGA 5,200 lm

CP-WX5500
WXGA 5,200 lm

CP-X5550
XGA 5,800 lm

HDMI
HDBT
MHL

* CP-WU5500, CP-WX5500, and CP-X5550 do not support HDBaseT™.

High Image Quality and Visibility

HDCR (High Dynamic Contrast Range)

When average projectors are used in bright rooms, the darker colors of an image deteriorate and images become unclear.
Using this function, blurred images caused by room lighting or outside light sources are corrected, and an effect similar to increasing contrast occurs. This results in clear images even in bright rooms.

Bright room

HDCR OFF

Dark parts are obscure.

HDCR ON

Dark parts are clear. (Distinct)

IMAGE OPTIMIZER

Equipped with IMAGE OPTIMIZER that maintains visibility of an image through automatic image correction in accordance with lamp condition.

* This function may not work properly when HDCR and/or ACCENTUALIZER is ON.
* Comparison photos are simulations.

After long-hour use

IMAGE OPTIMIZER OFF

The entire image becomes dark.

IMAGE OPTIMIZER ON

Dark parts of the image becomes clear.

Digital Connectivity

HDBaseT™ input*1

Equipped with HDBaseT™ input, capable of transmitting signals with no image degradation using a standard LAN cable (Cat5e or higher) of up to approx. 100m.

*1 For CP-WU5506M / CP-WX5506M / CP-WU5505 / CP-WX5505 / CP-X5555 only.

With the terminal cover, you can install the projector seamlessly.

* You may not be able to attach the terminal cover when cables and devices are connected to the connectors other than the HDBaseT terminal.

HDMI IN / OUT

Equipped with two HDMI IN and one HDMI OUT terminals. The HDMI OUT outputs the signal from HDMI1 or HDBaseT input terminal, and allows to connect the projectors*2 in series in order to project the same images simultaneously.

*2 Up to 7 projectors can be connected in series for the HDMI OUT terminal of this projector. The number of projectors that can be connected varies depending on the source device, cables, etc.

MHL® connectivity

The projectors' HDMI1 input terminal supports the MHL (Mobile High-Definition Link). This feature allows you to mirror the screen of your MHL-enabled smartphone or tablet on a projected screen.

Network

Monitoring Projector Status

The projectors allow you to get the information on the projector's status by your tablet or smartphone with the latest dedicated free online application when you need, even if you are not close to the projector.

* Available information depends on the model of projector. CP-WU5505 / CP-WX5505 / CP-X5555 / CP-WU5500 / CP-WX5500 / CP-X5550 require the optional USB wireless adapter USB-WL-11N supporting IEEE801.11b/g/n when you connect the projector via a wireless network.

Wireless Dual Band Support

CP-WU5506M / CP-WX5506M provide a stable wireless network environment by supporting wireless dual band (2.4GHz/5GHz).

* The use of projector's wireless function might be limited depending on the country and region.

Installability and System Features

Instant Stack

Instant Stack lets you place one projector on top of another to project the same image from both onto a screen for added brightness. Overlaying the image is made easier with built-in tools including RS-232C control, Perfect Fit, Lens Shift, test pattern, and stacking alignment peg holes.

* When stacking projectors, there are various precautions and function limitations you should be aware of. Please ask your dealer for details.

Dual mode

Turns on the projectors at the same time.

Alternate mode

Turns on the projectors alternately.

Backup function

When ALTERNATE is selected and an error occurs on one projector in operation, causing the lamp to turn off, the other projector in standby will automatically start to operate.

Edge Blending & Warping

The multiple projectors allow to project one image on a huge curved screen by using the geometry correction and the edge blending functions simultaneously.

1.7× Zoom*3 lens, Lens shift

Featuring a powerful manual zoom lens, the projectors allow for a greater range of installation possibilities. Manually shift the lens horizontally and vertically, to position the image on the screen without causing keystone distortion.

*3 CP-X5555 / CP-X5550 / CP-WX5506M / CP-WX5505 / CP-WX5500 : 1.6× zoom

Projection distance for 100 inch screen

* This figure is not drawn to scale.

*4 0.044 screen to left or right (Total 1.088 screen) for CP-WU5506M / CP-WU5505 / CP-WU5500. 0.046 screen to left or right (Total 1.092 screen) for CP-WX5506M.

* This figure is not drawn to scale.

Hybrid Filter

The projectors use a two-layer filter with an unwoven cloth and an HAF (High Air Flow) filter. The filter can last up to 10,000 hours*5 without cleaning, reducing maintenance time.

*5 Varies according to usage environment.

Other Features

[Network] : Projector Control, Wireless capability (option), Easy Scheduling Setting, Network presentation, Smart device control **[Installability]** : Perfect Fit **[Security]** : PIN lock, Key lock **[Usability]** : Multi-language user menu, Direct Power On/Off, Magnify, PbyP / PinP, DICOM® simulation mode, Remote ID (option), Wired/Wireless(IR) remote control (option) **[Go green]** : Eco mode, Saving standby

Features

		Features	3-Chip DLP®	1-Chip DLP®								3 LCD																				
			K Series	9000 Series								8000 Series											6000 Series		5000 Series							
			CP-WU13K	LP-WU9100B	LP-WU9750B	CP-WU9100B	CP-WU9100W	CP-WU9410	CP-WU9411	CP-HD9950B	CP-HD9950W	CP-HD9320	CP-HD9321	CP-WX9210	CP-WX9211	CP-X9110	CP-X9111	CP-WU8700B	CP-WU8700W	CP-WU8600W	CP-WX8750B	CP-WX8750W	CP-WX8650W	CP-X8800B	CP-X8800W	CP-WU8461	CP-WU8451	CP-WX8265	CP-WX8255A	CP-X8170	CP-X8160	LP-WU6600	LP-WU6500	CP-WU5506M	CP-WU5505	CP-WU5500	CP-WX5506M	CP-WX5505	CP-WX5500	CP-X5555	CP-X5550
Digital Connectivity	3G SDI	Equipped with an SDI input, the standard in the broadcast industry. 3G SDI can transfer 1080P signals via a coaxial cable.	●	●	●	●		●	●			●																												
	2 HDMI input	Equipped with 2 terminals for the current widely-used interface.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	● (3 inputs)	●	●	●	●	●	●	●	●
	HDBaseT™	Signals can be transmitted with no image degradation using a standard LAN cable (Cat5e or higher, shielded type) of up to approx. 100 m.		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●								●	●	●	●		●	●		●	
	DVI	Connection via a digital DVI terminal greatly reduces image deterioration, providing high picture quality of digital sources. * CP-WU13K displays an image with the original input resolution of the source in the center of the screen.	● (3D DVI)	●	●	●	●	●	●	●	●																													
High Image Quality and Visibility	ACCENTUALIZER	Image enhancement function that emphasizes shade, sharpness, and gloss to achieve more vivid images.		●		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		●				●	●	●	●	●	●	●	●
	HDCR (High Dynamic Contrast Range)	HDCR corrects blurred images caused by room lighting or outside light sources, and creates an effect similar to increasing contrast resulting in clear images even in bright rooms.		●		●	●	●	●	●	●	●	●	●	●	●	●	●	●							●	●	●	●	●	●	●	●
	IMAGE OPTIMIZER	Equipped with IMAGE OPTIMIZER that maintains visibility of an image through automatic image correction in accordance with lamp condition. * Comparison photos are simulations. 														●	●	●	●	●										●	●	●	●	●	●	●	●
	Color Management	You can adjust HUE, SATURATION, and LUMINANCE of 6 colors: red, green, blue, cyan, magenta, and yellow independently from the user menu.		●	●	●		●				●	●	●	●	●							●	●	●			●										
	3-chip display device	This 3-chip system can project 3-primary-color (Red, Green, Blue) images continuously, and makes images natural with vivid colors.	●									●	●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●	●
	Built-in Dual Color Wheel	Separate color wheels with emphasis on brightness and color that can achieve images to suit the purpose.				●	●	●	●	●	●																												
	DICOM® Simulation Mode	Picture mode that achieves a gradation close to the DICOM® standard. * These projectors are not approved medical devices. They should not be used for actual medical diagnosis.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Installability and System Features	Edge Blending	Enables the seamless projection of a large image using two or more overlapping projectors. * Additional equipment may be required for this feature. 	●	●	●	●	●	●	●	●	●	●	●	●	●	●							●		●	●	●	●	●	●	●	●	●
	Geometry Correction (Warping)	Corrects the shape of images to make projections on various types of surfaces possible. * The specialized application for geometry correction is required.		●		●	●	●	●	●	●	●	●	●	●	●									●	●	●	●	●	●	●	●
	Perfect Fit	Use the remote controller to adjust the four corners and four sides of a projected image and quickly correct distortions of images. * CP-WU13K supports rotation adjustment. 	● (Warp)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●	●
	Motorized Lens Shift	Lens shift is motorized and can be adjusted on a keypad or remote control.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●											
	Manual Lens Shift	Lens shift can be easily adjusted manually.																					●	●	●	●	●	●	●	●	●	●	●
	Interchangeable Lens Options	Significantly increase projection distance with optional interchangeable lenses.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●										
	Center Lens Design	By aligning the center of the projector and the lens, the installation position of the projector is simplified during the design and construction of a facility.		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●										
	Picture Position (Picture Shift)	You can adjust the image position in conformity to the black area of the screen electrically. 				●		●				●	●	●	●	●							●	●	●	●	●	●	●	●	●	●	●
	Picture by Picture	Simultaneously project images from 2 different inputs side-by-side. *1 It enables to display images from 2 different digital inputs (HDMI2 and another) side-by-side.	●	●	●	●	● *1	●	● *1	● *1	● *1	● *1	● *1	● *1	● *1	● *1	● *1	● *1	● *1	●	● *1				●	●	●	●	●	●	●	●

Features

			3-Chip DLP®	1-Chip DLP®									3 LCD																			
			K Series	9000 Series									8000 Series											6000 Series		5000 Series							
		Features	CP-WU13K	LP-WU9100B	LP-WU9750B	CP-WU9100B CP-WU9100W	CP-WU9410 CP-WU9411	CP-HD9950B CP-HD9950W	CP-HD9320 CP-HD9321	CP-WX9210 CP-WX9211	CP-X9110 CP-X9111	CP-WU8700B CP-WU8700W	CP-WU8600W	CP-WX8750B CP-WX8750W	CP-WX8650W	CP-X8800B CP-X8800W	CP-WU8461	CP-WU8451	CP-WX8265	CP-WX8255A	CP-X8170	CP-X8160	LP-WU6600	LP-WU6500	CP-WU5506M	CP-WU5505	CP-WU5500	CP-WX5506M	CP-WX5505	CP-WX5500	CP-X5555	CP-X5550
Installability and System Features	Picture in Picture	Display an image from a different source in the sub area. *1 It enables display of images from 2 different digital inputs (HDMI2 and another) simultaneously. main area sub area	●	●	●	●	●*1	●	●*1	●*1	●*1	●*1	●*1	●*1	●*1	●*1	●*1	●*1	●*1		●*1				●*1	●	●	●*1	●	●	●	●
	360 Degree Projection	The projectors can be installed facing upwards, downwards, or other wide degree of vertical orientations.		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●								
	Portrait Projection	You can project images that are vertically long by rotating the installation position of the projector 90 degrees. This feature makes it possible to provide various displays and image representations.		●	●	●		●	●			●	●	●	●	●							●	●								
	Mechanical Shutter	The shutter blocks the projector light, letting you quickly display and hide images while the projector is on.	●			●	●	●	●	●	●																					
	Instant Stack	Use 2 projectors by superimposing their images.				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●	●
	Easy Schedule Setting	Set schedules for projectors to turn them ON or OFF at a set time, or activate other functions. * Available from the OSD menu on 9000 series models only. Set from a computer via a LAN connection. 				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●	●
Network	Projector Control	Control and manage projectors using a network.	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Network Presentation	Connect the projectors to a network with a LAN cable and project images from a PC or Mac computer via the network.				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●	●
	Wireless Capability (Option)	Projectors and computers can be connected via Wi-Fi. Wirelessly project images, and manage and control projectors.				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●	●
	Smart Device Control	Download and install the dedicated free online application Projector Quick Connection or LiveViewer Pro*2, and wirelessly control the projector from devices running iOS or Android™ like a remote control. The application also allow to get the information on the projector's status and to project pictures, documents, etc. from the devices. *2 LiveViewer Pro is the application for CP-WU5506M/CP-WX5506M.				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			●*2	●	●	●*2	●	●	●	●
	Industry Standard Compatibility	AMX Device Discovery, Creston Roomview, and Extron XTP are embedded to projectors, providing out of the box compatible industry standard solutions. *3 Extron XTP is not supported.		●	●*3	●	●*3	●	●*3	●*3	●*3	●	●	●	●	●	●*3	●*3	●*3	●*3	●*3	●*3	●*3	●*3	●	●	●*3	●	●	●*3	●	●*3
High Reliability and Stability	Hybrid Filter	Multi-layer filters reduce the burden of maintenance by extending the period between filter cleaning. 	●	Filter-less	Filter-less	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	Filter-less	Filter-less	●	●	●	●	●	●	●	●
	Inorganic LCD	Hitachi 3LCD projectors incorporate three LCD panels with inorganic alignment layers that are extremely light resistant, increasing brightness and contrast ratio. They provide smooth images and high reliability.										●	●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●	●
	Status Monitor	A sub-LCD located on the rear panel. It displays the present condition of the projector, including errors, setup information, and error history.				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●										
	Dual Lamp System	By alternating the use of each lamp, the replacement period can be extended twofold. A backup mode is also available, making recovery from a failed lamp fast. This mode immediately switches to the second lamp if the first stops functioning.	●			●	●	●	●	●	●																					
	Laser Light Source	Long life 20,000 hours*4 Laser light source combined Blue laser diodes and Phosphor can achieve high brightness. *4 For laser light source. Not a guaranteed value.		●	●																		●	●								

Specifications

		K Series	9000 Series								8000 Series				
Model name		CP-WU13K	LP-WU9100B	LP-WU9750B	CP-WU9100W CP-WU9100B	CP-WU9411 CP-WU9410	CP-HD9950W CP-HD9950B	CP-HD9321 CP-HD9320	CP-WX9211 CP-WX9210	CP-X9111 CP-X9110	CP-WU8700W CP-WU8700B	CP-WU8600W	CP-WX8750W CP-WX8750B	CP-WX8650W	CP-X8800W CP-X8800B
Display system		3-Chip DLP®	1-Chip DLP®								3LCD				
Display device	Size of effective display area	0.96" × 3, aspect ratio 16:10	0.67" × 1, aspect ratio 16 : 10				0.65" × 1, aspect ratio 16 : 9		0.65" × 1, aspect ratio 16:10	0.7" × 1, aspect ratio 4 : 3	0.76" × 3, aspect ratio 16 : 10				0.79" × 3, aspect ratio 4 : 3
	Number of pixels	2,304,000 pixels (1,920 × 1,200)	2,304,000 pixels (1,920 × 1,200)				2,073,600 pixels (1,920 × 1,080)		1,024,000 pixels (1,280 × 800)	786,432 pixels (1,024 × 768)	2,304,000 pixels (1,920 × 1,200)		1,024,000 pixels (1,280 × 800)		786,432 pixels (1,024 × 768)
Projection lens		Optional (No lens inclued in the projector)	Optional (No lens inclued in the projector)								Optional (No lens inclued in the projector)				
	Zoom	Motorized	Motorized (except for the option lens FL-920)		Motorized (except for the option lens FL-910)						Motorized (except for the option lens FL-710 / FL-701)				
	Focus	Motorized	Motorized								Motorized				
	Lens shift	Motorized (V, H)	Motorized (except for the option lens FL-920)		Motorized (V, H) (except for the option lens FL-910)						Motorized (V, H) (except for the option lens FL-701)				
Light source		465W × 2 lamp	Laser diode		430W × 2 lamp	370W × 2 lamp	430W × 2 lamp	365W × 2 lamp	370W × 2 lamp	370W × 2 lamp	430W lamp	370W lamp	430W lamp	370W lamp	430W lamp
Screen size		80 ~ 500 inch	50 ~ 600 inch (100 ~ 350 inch for the option lens FL-920)		50 ~ 600 inch (100 ~ 350 inch for the ultra short throw fixed lens FL-910)						30 ~ 600 inch (100 ~ 350 inch for the ultra short throw fixed lens FL-710)				
Light output (Brightness)		13,000 lm	10,000 lm	8,000 lm	10,000 lm	8,500 lm	9,500 lm	8,200 lm	8,500 lm	10,000 lm	7,000 lm	6,000 lm	7,500 lm	6,500 lm	8,000 lm
Contrast ratio (full white / full black)		2,000 : 1 (Dynamic Contrast)	30,000:1 (Dynamic Black setting is On)	20,000:1 (Dynamic Black setting is On)	2,500 : 1 (Picture mode: DYNAMIC, Active iris: THEATER)						10,000 : 1 (Presentation mode)				
Displayable scanning frequency	Horizontal	15 ~ 91 kHz	15 ~ 91 kHz	15 ~ 91 kHz	15 ~ 106 kHz						31.5 ~ 106 kHz				
	Vertical	48 ~ 85 Hz	24 ~ 85 Hz	48 ~ 85 Hz	50 ~ 120 Hz						56 ~ 120 Hz				
Display resolution	Computer	WUXGA (max.) * Native resolution is WUXGA.	WUXGA*1 (max.) * Native resolution is WUXGA.		WUXGA*1 (max.) * Native resolution is WUXGA.		Full HD (max.) * Native resolution is Full HD.		Full HD (max.) * Native resolution is WXGA.	Full HD (max.) * Native resolution is XGA.	WUXGA*1 (max.) * Native resolution is WUXGA.		Full HD (max.) * Native resolution is WXGA.		Full HD (max.) * Native resolution is XGA.
	Video	1080P (max.) * Native resolution is WUXGA.	1080P (max.) * Native resolution is WUXGA.		1080P (max.) * Native resolution is WUXGA.		1080P (max.) * Native resolution is Full HD.		1080P (max.) * Native resolution is WXGA.	1080P (max.) * Native resolution is XGA.	1080P (max.) * Native resolution is WUXGA.		1080P (max.) * Native resolution is WXGA.		1080P (max.) * Native resolution is XGA.
Speaker		-	-								8W × 2 (mono)				
Terminals	COMPUTER IN	Mini D-sub 15-pin connector × 1 / 5BNC connector × 1	Mini D-sub 15-pin connector × 1 / 5BNC connector × 1		Mini D-sub 15-pin connector × 1	Mini D-sub 15-pin connector × 1 / 5BNC connector × 1	Mini D-sub 15-pin connector × 1		Mini D-sub 15-pin connector × 1 / 5BNC connector × 1		Mini D-sub 15-pin connector × 1				
	MONITOR OUT	-	-		Mini D-sub 15-pin connector × 1						Mini D-sub 15-pin connector × 1				
	VIDEO	-	-		BNC connector × 1						RCA connector × 1				
	S-VIDEO	-	-		-						-				
	COMPONENT VIDEO (Y, Cb/Pb, Cr/Pr)	3BNC × 1 / 3RCA × 1	-		-						-				
	HDMI IN	HDMI connector × 2	HDMI connector × 2 (HDCP compliant)		HDMI connector × 2						HDMI connector × 2				
	HDMI OUT	-	-		-						-				
	DVI-D IN	DVI-D connector × 1	DVI-D connector × 1		DVI-D connector × 1						-				
	SDI IN / OUT	BNC connector × 1 / BNC connector × 1	BNC connector × 1 / BNC connector × 1		BNC connector × 1 / -	- / -	BNC connector × 1 / -		- / -		BNC connector × 1 / -	- / -			
	HDBaseT	-	RJ-45 jack × 1		RJ-45 connector × 1						RJ-45 connector × 1				
	DisplayPort	-	-		-						DisplayPort × 1				
	AUDIO IN	-	-		-						3.5mm (stereo) mini connector × 1 / 2 RCA connector (L, R) × 1				
	AUDIO OUT	-	-		-						3.5mm (stereo) mini connector × 1				
	MIC IN	-	-		-						-				
	CONTROL IN (RS-232C)	D-sub 9-pin connector × 1	D-sub 9-pin connector × 1		D-sub 9-pin connector × 1						D-sub 9-pin connector × 1				
	CONTROL OUT (RS-232C)	-	-		-						-				
	LAN	RJ-45 connector × 1	-		RJ-45 connector × 1						RJ-45 connector × 1				
	USB-A	-	-		USB type A × 1 (Used for wireless network)						USB type A × 1 (Used for wireless network)				
	USB-B	-	-		-						-				
	REMOTE CONTROL IN	-	3.5mm (stereo) mini connector × 1		3.5mm (stereo) mini connector × 1						3.5mm (stereo) mini connector × 1				
	REMOTE CONTROL OUT	-	-		3.5mm (stereo) mini connector × 1						3.5mm (stereo) mini connector × 1				
	TRIGGER	-	-	3.5mm (stereo) mini connector × 1	-						-				
	3D SYNC IN	-	-		-						-				
	3D SYNC OUT	-	-		-						-				
Operating temperature		0 ~ 40°C (32 ~ 104°F) at altitudes from 0 ~ 2,590 m (0 - 8,500 ft) *2	0 ~ 45°C (32 ~ 113°F) *3	0 ~ 40°C (32 ~ 140°F) *4	0 ~ 50°C (32 ~ 122°F) (ECO), 0 ~ 45°C (32 ~ 113°F) (NORMAL) at altitudes from 0 ~ 1,600 m (0 ~ 5,250 ft) / 0 ~ 40°C (32 ~ 104°F) at altitudes from 1,600 ~ 3,048 m (5,250 ~ 10,000 ft)						0 ~ 45°C (32 ~ 113°F) *5 at altitudes from (0 ~ 10,000 ft)				
Power requirements		AC100 - 130V / AC200 - 240V (50Hz / 60Hz)	AC100 - 130V / AC200 - 240V (50Hz / 60Hz)		AC110 - 120V / AC220 - 240V (50Hz / 60Hz)		AC110 - 120V / AC220 - 240V (50Hz / 60Hz)	AC110 - 120V / AC220 - 240V (50Hz / 60Hz)			AC100 - 120V / AC220 - 240V (50Hz / 60Hz)				
Power consumption		AC100 - 130V : 1,230W AC200 - 240V : 1,250W	AC100 - 130V : 1340W AC200 - 240V : 1240W	AC100 - 130V : 950W AC200 - 240V : 900W	AC110 - 120V : 1090W AC220 - 240V : 1070W	AC110 - 120V : 1,060W AC220 - 240V : 990W	AC110 - 120V : 1090W AC220 - 240V : 1070W	AC110 - 120V : 1,060W AC220 - 240V : 990W			AC100 - 120V : 580W AC220 - 240V : 560W	AC100 - 120V : 510W AC220 - 240V : 500W	AC100 - 120V : 580W AC220 - 240V : 560W	AC100 - 120V : 510W AC220 - 240V : 500W	AC100 - 120V : 580W AC220 - 240V : 560W
Standby mode power consumption		< 3W	< 0.5W at saving mode *6	< 0.5W at Standby Power Off *6	< 0.45W at saving mode *6	< 0.5W at saving mode *6	< 0.45W at saving mode *6	< 0.5W at saving mode *3			< 0.35W at saving mode				
Standard outside dimensions (W × H × D)		500mm × 270mm × 633mm (19.7" × 10.6" × 24.9") (Excluding lens and protruding parts)	500mm × 216mm × 576mm (19.7" × 8.5" × 22.7") (Excluding lens)		537mm × 170mm × 438mm		(21.1" × 6.7" × 17.2") (Excluding lens and protruding parts)				501mm × 167mm × 437mm (19.7" × 6.6" × 17.2") (Excluding lens)				
Weight		Approx. 34.0 kg (74.9 lbs.) (Excluding lens)	Approx. 28 kg (61.7 lbs.) (Excluding lens)		Approx. 17.0kg (37.5lbs.) (Excluding lens)	Approx.16.6kg (36.6lbs.) (Excluding lens)	Approx. 17.0kg (37.5lbs.) (Excluding lens)	Approx.16.6kg (36.6lbs.) (Excluding lens)			Approx. 11.1kg (24.5lbs.) (Excluding lens)				
Accessories		Remote control with batteries, Power cord, RS-232C cable (cross), User's Manual	Remote control with batteries, Power cord, Computer cable, RS-232C adapter cable (cross), Wired remote cable, User's Manual (Book, CD)		Remote control with batteries, Power cord, Computer cable, Adapter Cover, Application CD, User's Manual (Book, CD)						Remote control with batteries, Power cord, Computer cable, Adapter cover, Terminal cover, Application CD, User's Manual (Book, CD)				
Features	Filter cleaning interval *7	1,000 hrs	Filter free		15,000 hrs						20,000 hrs				

*1 WUXGA (60Hz) Reduced Blanking only.
*2 0 ~ 20°C (32 ~ 68°F) at altitudes from 2,590 to 3,048 m (8,500 - 10,000 ft)
*3 The brightness of light source may be reduced automatically over 36°C (96.8°F) at altitudes from 0 to 1,219 m (0 - 4,000 ft) , over 30°C (86°F) at altitudes from 1,219 to 1,676 m (4,000 - 5,500 ft) , over 25°C (77°F) at altitudes from 1,676to 4,200 m (5,500 - 13,780 ft).
*4 The brightness of light source may be reduced automatically over 35°C (95°F) at altitudes from 0 to 1,219 m (0 - 4,000 ft), over 30°C (86°F) at altitudes from 1,219 to 1,676 m (4,000 - 5,500 ft), over 25°C (77°F) at altitudes from 1,676 to 3,048 m (5,500 - 13,780 ft).
*5 When the ambient temperature exceeds 40°C (104°F), the brightness of the lamp is reduced automatically.
*6 Can't operate the projector via the LAN and the RS-232C when the projector is in standby mode.
*7 This interval depends on the environment.

CP-WU13K

LP-WU9100B

LP-WU9750B

CP-WU9100W, CP-WU9100B, CP-HD9950W, CP-HD9950B, CP-HD9311, CP-HD9310

CP-WU9411, CP-WU9410, CP-WX9211, CP-WX9210, CP-X9111, CP-X9110

CP-WU8700W, CP-WU8700B, CP-WU8600W, CP-WX8750W, CP-WX8750B, CP-WX8650W, CP-X8800W, CP-X8800B

Specifications

		8000 Series						6000 Series		5000 Series							
Model name		CP-WU8461	CP-WU8451	CP-WX8265	CP-WX8255A	CP-X8170	CP-X8160	LP-WU6600	LP-WU6500	CP-WU5506M	CP-WU5505	CP-WU5500	CP-WX5506M	CP-WX5505	CP-WX5500	CP-X5555	CP-X5550
Display system		3LCD						1-Chip DLP®		3LCD							
Display device	Size of effective display area	0.76" × 3, aspect ratio 16 : 10		0.75" × 3, aspect ratio 16 : 10		0.79" × 3, aspect ratio 4 : 3		0.67" × 1, aspect 16 : 10		0.67" × 3, aspect ratio 16 : 10			0.64"×3, aspect ratio 16 : 10	0.59" × 3, aspect ratio 16 : 10		0.63" × 3, aspect ratio 4 : 3	
	Number of pixels	2,304,000 pixels (1,920 × 1,200)		1,024,000 pixels (1,280 × 800)		786,432 pixels (1,024 × 768)		2,304,000 pixels (1,920 × 1,200)		2,304,000 pixels (1,920 × 1,200)			1,024,000 pixels (1,280 × 800)			786,432 pixels (1,024 × 768)	
Projection lens		Optional (Mddle throw lens ML-703 equipped as standard)						Optional (No lens inclued in the projector)	Unchangeable lens	Unchangeable lens							
	Zoom	Motorized (except for the option lens FL-701)						Manual	Manual (1.65×)	Manual (1.7×)			Manual (1.6×)				
	Focus	Motorized						Manual		Manual							
	Lens shift	Motorized (V, H)						Manual (V, H)		Manual (V, H)							
Light source		365W lamp	330W lamp	365W lamp	330W lamp	365W lamp	365W lamp	Laser diode		300W lamp							
Screen size		30 ~ 600 inch						35.8 ~ 379.8 inch (SL-62), 36.1 ~ 211 inch (SD-63), 32.1 ~ 481.1 inch (ML-64)	36.7 ~ 201.9 inch	30 ~ 300 inch							
Light output (Brightness)		6,000 lm	5,000 lm	6,500 lm	5,500 lm	7,000 lm	6,000 lm	6,000 lm*1 * Laser Mode setting is Normal.	5,000 lm * Laser Mode setting is Normal.	5,200 lm			5,400 lm	5,200 lm		5,800 lm	
Contrast ratio (full white / full black)		5,000 : 1 (Presentation mode)		3,000 : 1 (Presentation mode)				20,000 : 1 * Laser Mode setting is Normal.	30,000 : 1 * Laser Mode setting is Normal.	10,000 : 1 (Picture mode: DYNAMIC, Active iris: PRESENTATION)							
Displayable scanning frequency	Horizontal	31.5 ~ 106 kHz						15 ~ 91 kHz		31.5 ~ 106 kHz							
	Vertical	56 ~ 120 Hz						24 ~ 85 Hz		56 ~ 120 Hz							
Display resolution	Computer	WUXGA*1 (max.) * Native resolution is WUXGA.		Full HD (max.) * Native resolution is WXGA.		Full HD (max.) * Native resolution is XGA.		WUXGA*1 (max.) * Native resolution is WUXGA.		WUXGA*1 (max.) * Native resolution is WUXGA.			Full HD (max.) * Native resolution is WXGA.			Full HD (max.) * Native resolution is XGA.	
	Video	1080P (max.) * Native resolution is WUXGA.		1080P (max.) * Native resolution is WXGA.		1080P (max.) * Native resolution is XGA.		1080P (max.) * Native resolution is WUXGA.		1080P (max.) * Native resolution is WUXGA.			1080P (max.) * Native resolution is WXGA.			1080P (max.) * Native resolution is XGA.	
Speaker		8W × 2 (stereo)		-	8W × 2 (stereo)	-	8W × 2 (stereo)	6W × 2 (mono)	5W × 2 (stereo)	16W × 1 (mono)							
Terminals	COMPUTER IN	Mini D-sub 15-pin connector × 1		Mini D-sub 15-pin connector × 1 / 5BNC connector × 1		Mini D-sub 15-pin connector × 1 / 5BNC connector × 1		Mini D-sub 15-pin connector × 1, 5BNC connector × 1	Mini D-sub 15-pin connector × 1	Mini D-sub 15-pin connector × 1							
	MONITOR OUT	Mini D-sub 15-pin connector × 1						Mini D-sub 15-pin connector × 1	Mini D-sub 15-pin connector × 1	Mini-D-sub 15-pin connector × 1							
	VIDEO	RCA connector × 1						RCA connector × 1	RCA connector × 1	RCA connector × 1							
	S-VIDEO	MINI DIN 4-pin connector × 1						-	-	-							
	COMPONENT VIDEO (Y, Cb/Pb, Cr/Pr)	3 RCA connector × 1						Mini D-sub 15-pin connector × 1, 3BNC × 1 (shared with COMPUTER IN terminals)	-	-							
	HDMI IN	HDMI connector × 2 (HDCP compliant)						HDMI connector × 2 (HDCP compliant) *HDMI 2 supports MHL input	HDMI connector × 3 (HDCP compliant) * HDMI 3 supports MHL input.	HDMI connector × 2 (HDCP compliant) * HDMI IN1 supports MHL input.							
	HDMI OUT	-						-	-	HDMI connector × 1 (HDCP compliant)							
	DVI-D IN	-						DVI-D connector × 1	-	-							
	SDI IN / OUT	- / -						-	-	-							
	HDBaseT	RJ-45 connector × 1		-				RJ-45 jack × 1	RJ-45 jack × 1	RJ-45 connector × 1		-	RJ-45 connector × 1		-	RJ-45 connector × 1	-
	DisplayPort	-						-	-	-							
	AUDIO IN	2 RCA connector × 1 / 3.5mm (stereo) mini connector × 2						3.5mm (stereo) mini connector × 1, RCA connector (L, R) × 1	3.5mm mini connector × 1, RCA connector (L, R) × 1	3.5mm (stereo) mini connector × 1 / 2 RCA connector (L, R) × 1							
	AUDIO OUT	2 RCA connector × 1						RCA connector (L, R) × 1	RCA connector (L, R) × 1	3.5mm (stereo) mini connector × 1							
	MIC IN	-						-	-	-							
	CONTROL IN (RS-232C)	D-sub 9-pin connector × 1						D-sub 9-pin connector × 1	D-sub 9-pin connector × 1	D-sub 9-pin connector × 1							
	CONTROL OUT (RS-232C)	-						D-sub 9-pin connector × 1	-	-							
	LAN	RJ-45 connector × 1						RJ-45 jack × 1	RJ-45 connector × 1	RJ-45 connector × 1							
	USB-A	USB type A connector × 2						USB type A × 1 (5V / 1.5A output)	USB type A × 1 (5V / 1.5A output)	USB type A × 1 (Used for optional wireless network)							
	USB-B	USB type B connector × 1						USB type B × 1 (For service)	USB mini type B × 1 (For service)	-							
	REMOTE CONTROL IN	3.5mm (stereo) mini connector × 1						3.5mm (stereo) mini connector × 1	-	3.5mm (stereo) mini connector × 1							
	REMOTE CONTROL OUT	3.5mm (stereo) mini connector × 1						3.5mm (stereo) mini connector × 1	-	3.5mm (stereo) mini connector × 1							
	TRIGGER	-						3.5mm (stereo) mini connector × 1	-	-							
	3D SYNC IN	-						VESA 3-pin connector × 1	-	-							
	3D SYNC OUT	-						VESA 3-pin connector × 1	VESA 3-pin connector × 1	-							
Operating temperature		0 ~ 45°C (32 ~ 113°F) at altitudes from 0 to 3,048 m (0 - 10,000 ft)						0 - 40°C (32 - 104°F)*2 * The brightness of the light source may be reduced automatically over 35°C (95°F).	0 - 40°C (32 - 104°F) *The brightness of the light source may be reduced automatically over 35°C (95°F)*3.	0 ~ 40°C (32 ~ 104°F) *4 at altitudes from 0 to 1,600 m (0 ~ 5,249ft) 0 ~ 35°C (32 ~ 95°F) at altitudes from 1.600 to 3,048 m (5,249 - 10,000ft)							
Power requirements		AC100 - 120V / AC220 - 240V (50Hz / 60Hz)						AC 100V - 130 / AC 200V - 240V (50 / 60Hz)	AC 100 - 240V (50 / 60Hz)	AC100 - 120V / AC220 - 240V (50Hz / 60Hz)							
Power consumption		AC100 - 120V : 550W AC220 - 240V : 520W	AC100 - 120V : 500W AC220 - 240V : 480W		AC100 - 120V : 480W AC220 - 240V : 455W	AC100 - 120V : 500W AC220 - 240V : 480W	AC100 - 120V : 480W AC220 - 240V : 455W	AC 100V - 130V : 700W, AC 200V - 240V : 700W	AC 100 - 240V : 500W	AC100 - 120V : 470W AC220 - 240V : 450W	AC100 - 120V : 440W AC220 - 240V : 420W		AC100 - 120V : 470W AC220 - 240V : 450W	AC100 - 120V : 440W AC220 - 240V : 420W			
Standby mode power consumption		< 0.35W at saving mode *5						< 0.5W (when Low Power Mode ON.) *5	< 0.5 W (Low Power Mode On) *5	< 0.5W at saving mode *5							
Standard outside dimensions (W × H × D)		498mm × 135mm × 396mm (19.6" × 5.3" × 15.6") (Excluding lens and protruding parts)						470mm × 220mm × 521mm (18.5" × 8.7" × 20.5") (Excluding lens)	360mm × 164mm × 442mm (14.2" × 6.5" × 17.4")	466mm × 138mm × 339mm (18.3" × 5.4" × 13.3")			466mm × 138mm × 337mm (18.3" × 5.4" × 13.3")				
Weight		Approx. 9.2kg (20.3lbs.)		Approx. 8.8kg (19.4lbs.)	Approx. 8.7kg (19.2lbs.)	Approx. 8.8kg (19.4lbs.)		Approx. 24.5 kg (54.0 lbs.) (Excluding lens)	Approx. 11.4 kg (25.1 lbs.)	Approx. 7.2kg (15.9lbs.)	Approx. 7.1kg (15.7lbs.)		Approx. 6.9kg (15.2lbs.)	Approx. 6.8kg (15.0lbs.)			
Accessories		Remote control with batteries, Power cord, Computer cable, Adapter cover, Lens cover, Application CD, User's Manual (Book, CD)						Remote control with batteries, Power cord, Computer cable, 3D sync cable, Wired remote cable, User's Manual (Book,CD)	Remote control with batteries, Power cord, Computer cable, 3D sync cable, User's Manual (Book, CD)	**[For all models]** Remote control with batteries, Power cord, Computer cable, Lens cover, User's manual (Book, CD), Security label, Hook metal, Screw, Cable tie, HDMI cable holder **[For CP-WU5505, CP-WU5500, CP-WX5505, CP-WX5500, CP-X5555, CP-X5550]** Adapter cover, Application CD **[For CP-WU5506M, CP-WU5505, CP-WX5506M, CP-WX5505, CP-X5555]** Terminal cover **[For CP-WU5506M, CP-WX5506M]** USB wireless adapter (USB-WL-5G)							
Features	Filter cleaning interval *6	20,000 hrs						Filter free	Filter free	10,000 hrs							

*1 WUXGA (60Hz) Reduced Blanking only.
*2 0 - 35°C (32 - 95°F) at altitudes from 760 m to 1,520 m (2,500 - 5,000 ft). 0 - 30°C (32 - 86°F) at altitudes from 1,520 m to 2,290 m (5,000 - 7,500 ft). 0 - 25°C (32 - 77°F) at altitudes from 2,290 m to 3,050 m (7,500 - 10,000 ft). Fan Speed setting is High at altitude from 1,520 m to 3,050 m (5,000 - 10,000 ft).
*3 When the projector is used at altitudes from 0 to 1,520 m (0 to 5,000 ft). The brightness of light source may be reduced automatically over 25°C (77°F) at altitudes from 1,520 to 3,050 m (5,000 to 10,000 ft).
*4 When the ambient temperature exceeds 40°C (104°F), the brightness of the lamp is reduced automatically.
*5 Can't operate the projector via the LAN and the RS-232C when the projector is in standby mode.
*6 This interval depends on the environment.

CP-WU8461, CP-WU8451

CP-WX8265, CP-WX8255A, CP-X8170, CP-X8160

LP-WU6600

LP-WU6500

CP-WU5506M, CP-WX5506M

CP-WU5505, CP-WX5505, CP-X5555, CP-WU5500, CP-WX5500, CP-X5550

* CP-WU5500, CP-WX5500, and CP-X5550 are not equipped with the HDBaseT port.

Lens spec

Projection distance

H × V : Screen size

ⓐ : Projection distance (from the projector's front panel to screen) (±10%)
Throw ratio = ⓐ[m] / H[m]

* This figure is not drawn to scale.

K Series

Model	Item					m										inch									
	Screen size					FL-K01	FL-K02	SL-K03		ML-K04		LL-K05		UL-K06		FL-K01	FL-K02	SL-K03		ML-K04		LL-K05		UL-K06	
	Type	H(m)	H(")	V(m)	V(")	fix.	fix.	min.	max.	min.	max.	min.	max.	min.	max.	fix.	fix.	min.	max.	min.	max.	min.	max.	min.	max.
CP-WU13K Aspect ratio 16 : 10	Projection distance ⓐ 80	1.7	68	1.1	42	1.3	-	-	-	-	-	-	-	-	-	51	-	-	-	-	-	-	-	-	-
	100	2.2	85	1.3	53	1.6	-	-	-	4.1	5.6	-	-	-	-	62	-	-	-	163	221	-	-	-	-
	150	3.2	127	2.0	79	2.3	3.8	4.6	6.2	6.1	8.4	-	-	13.5	22.6	91	151	182	243	242	329	-	-	532	888
	200	4.3	170	2.7	106	3.0	5.0	6.1	8.2	8.2	11.1	11.1	18.0	18.0	30.0	119	198	241	323	321	438	437	709	708	1183
	300	6.5	254	4.0	159	-	7.4	9.1	12.2	12.2	16.6	16.6	27.0	26.9	45.0	-	293	358	481	480	655	654	1062	1061	1773
	400	8.6	339	5.4	212	-	9.8	12.1	16.3	16.2	22.1	22.1	35.9	35.9	60.0	-	388	476	640	639	872	871	1414	1414	2363
	500	10.8	424	6.7	265	-	12.3	15.1	20.3	20.2	27.6	27.6	44.9	44.9	75.0	-	483	594	799	797	1089	1088	1767	1767	2954
	Throw ratio					0.67	1.12	1.39	1.87	1.87	2.56	2.56	4.16	4.16	6.96	0.67	1.12	1.39	1.87	1.87	2.56	2.56	4.16	4.16	6.96

9000 Series

Model	Item					m												inch											
	Screen size					USL-901A		SL-902		SD-903		ML-904		LL-905		UL-906		USL-901A		SL-902		SD-903		ML-904		LL-905		UL-906	
	Type	H(m)	H(")	V(m)	V(")	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.
LP-WU9100B LP-WU9750B CP-WU9100W CP-WU9100B CP-WU9411 CP-WU9410 Aspect ratio 16 : 10	Projection distance ⓐ 80	1.7	68	1.1	42	1.4	1.7	2.0	3.0	2.8	4.3	4.2	6.4	6.0	9.8	9.6	15.3	54	67	80	119	111	167	164	250	238	385	380	601
	100	2.2	85	1.3	53	1.7	2.1	2.5	3.8	3.5	5.3	5.2	7.9	7.6	12.2	12.0	19.0	67	84	100	149	140	209	205	313	298	482	472	749
	150	3.2	127	2.0	79	2.5	3.2	3.8	5.7	5.3	8.0	7.8	11.9	11.4	18.4	17.9	28.4	100	125	150	223	210	314	308	469	449	724	703	1118
	200	4.3	170	2.7	106	3.4	4.2	5.1	7.6	7.1	10.6	10.4	15.9	15.2	24.6	23.7	37.8	133	166	200	298	280	419	411	626	600	967	935	1487
	300	6.5	254	4.0	159	5.1	6.3	7.6	11.3	10.7	16.0	15.7	23.9	22.9	36.9	35.5	56.5	200	248	300	446	420	629	617	939	902	1452	1397	2225
	400	8.6	339	5.4	212	6.8	8.4	10.2	15.1	14.2	21.3	20.9	31.8	30.6	49.2	47.2	75.2	266	331	400	595	560	838	823	1253	1203	1937	1860	2963
	500	10.8	424	6.7	265	8.4	10.5	12.7	18.9	17.8	26.6	26.1	39.8	38.2	61.5	59.0	94.0	332	413	501	744	700	1048	1029	1566	1505	2422	2322	3701
	Throw ratio					0.8	1.0	1.1	1.7	1.6	2.4	2.4	3.6	3.5	5.6	5.5	8.8	0.8	1.0	1.1	1.7	1.6	2.4	2.4	3.6	3.5	5.6	5.5	8.8
CP-HD9950W CP-HD9950B CP-HD9321 CP-HD9320 Aspect ratio 16 : 9	Projection distance ⓐ 80	1.8	64	1.0	48	1.4	1.8	2.1	3.1	2.9	4.4	4.3	6.5	6.2	10.0	9.9	15.7	55	69	82	122	115	172	169	257	245	395	390	618
	100	2.2	80	1.2	60	1.8	2.2	2.6	3.9	3.6	5.5	5.4	8.2	7.8	12.6	12.3	19.5	69	86	103	153	143	215	211	322	307	495	485	769
	150	3.3	120	1.9	90	2.6	3.3	3.9	5.8	5.5	8.2	8.0	12.3	11.7	18.9	18.4	29.2	103	128	154	230	216	323	317	483	462	745	723	1148
	200	4.4	160	2.5	120	3.5	4.3	5.2	7.8	7.3	10.9	10.7	16.3	15.7	25.2	24.4	38.8	137	171	206	306	288	431	423	644	617	994	961	1528
	300	6.6	240	3.7	180	5.2	6.5	7.8	11.7	11.0	16.4	16.1	24.5	23.5	37.9	36.5	58.1	205	255	309	459	432	646	634	966	927	1493	1436	2286
	400	8.9	320	5.0	240	6.9	8.6	10.5	15.5	14.6	21.9	21.5	32.7	31.4	50.6	48.6	77.3	273	340	412	612	576	862	846	1288	1237	1991	1912	3045
	500	11.1	400	6.2	300	8.7	10.8	13.1	19.4	18.3	27.4	26.9	40.9	39.3	63.2	60.6	96.6	341	425	515	765	720	1077	1058	1610	1548	2490	2387	3803
	Throw ratio					0.8	1.0	1.1	1.7	1.6	2.4	2.4	3.6	3.5	5.6	5.5	8.8	0.8	1.0	1.1	1.7	1.6	2.4	2.4	3.6	3.5	5.6	5.5	8.8
CP-WX9211 CP-WX9210 Aspect ratio 16 : 10	Projection distance ⓐ 80	1.7	68	1.1	42	1.4	1.8	2.1	3.2	3.0	4.5	4.4	6.7	6.4	10.3	10.1	16.0	57	70	84	125	117	176	172	263	250	404	399	631
	100	2.2	85	1.3	53	1.8	2.2	2.7	4.0	3.7	5.6	5.5	8.3	8.0	12.9	12.6	20.0	71	88	105	156	147	220	216	329	314	506	496	786
	150	3.2	127	2.0	79	2.7	3.3	4.0	6.0	5.6	8.4	8.2	12.5	12.0	19.3	18.8	29.8	105	131	158	234	220	330	324	493	472	761	739	1173
	200	4.3	170	2.7	106	3.6	4.4	5.3	7.9	7.5	11.2	11.0	16.7	16.0	25.8	24.9	39.6	140	174	210	313	294	440	432	658	631	1016	982	1561
	300	6.5	254	4.0	159	5.3	6.6	8.0	11.9	11.2	16.8	16.5	25.1	24.1	38.7	37.3	59.3	210	261	315	469	441	660	648	986	948	1525	1468	2336
	400	8.6	339	5.4	212	7.1	8.8	10.7	15.9	15.0	22.4	22.0	33.4	32.1	51.7	49.6	79.0	279	347	421	625	589	881	864	1315	1265	2035	1954	3111
	500	10.8	424	6.7	265	8.9	11.0	13.4	19.8	18.7	28.0	27.4	41.8	40.2	64.6	62.0	98.7	349	434	526	781	736	1101	1080	1644	1582	2545	2440	3886
	Throw ratio					0.8	1.0	1.2	1.8	1.7	2.6	2.5	3.8	3.7	5.9	5.8	9.2	0.8	1.0	1.2	1.8	1.7	2.6	2.5	3.8	3.7	5.9	5.8	9.2
CP-X9111 CP-X9110 Aspect ratio 4 : 3	Projection distance ⓐ 80	1.6	64	1.2	48	1.3	1.7	2.0	3.0	2.8	4.2	4.1	6.2	5.9	9.5	9.4	14.9	53	66	78	116	109	164	160	245	232	376	371	588
	100	2.0	80	1.5	60	1.7	2.1	2.5	3.7	3.5	5.2	5.1	7.8	7.4	12.0	11.7	18.6	66	82	98	146	136	205	200	306	291	471	462	732
	150	3.0	120	2.3	90	2.5	3.1	3.7	5.5	5.2	7.8	7.6	11.7	11.1	18.0	17.5	27.8	98	122	147	218	205	307	301	459	439	708	688	1093
	200	4.1	160	3.0	120	3.3	4.1	5.0	7.4	6.9	10.4	10.2	15.5	14.9	24.0	23.2	36.9	131	163	196	291	273	410	401	612	586	945	914	1454
	300	6.1	240	4.6	180	5.0	6.2	7.5	11.1	10.4	15.6	15.3	23.3	22.4	36.1	34.7	55.2	195	243	293	436	410	615	603	918	881	1419	1366	2175
	400	8.1	320	6.1	240	6.6	8.2	9.9	14.8	13.9	20.8	20.4	31.1	29.9	48.1	46.2	73.6	260	324	391	582	547	820	804	1225	1176	1894	1818	2896
	500	10.2	400	7.6	300	8.2	10.3	12.4	18.5	17.4	26.0	25.5	38.9	37.4	60.1	57.7	91.9	325	405	489	727	684	1025	1006	1531	1471	2368	2270	3618
	Throw ratio					0.8	1.0	1.2	1.8	1.7	2.5	2.5	3.8	3.6	5.8	5.7	9.1	0.8	1.0	1.2	1.8	1.7	2.5	2.5	3.8	3.6	5.8	5.7	9.1

8000 Series

Model	Item					m										inch									
	Screen size					FL-701	SL-712		ML-713		LL-704		UL-705			FL-701	SL-712		ML-713		LL-704		UL-705	
	Type	H(m)	H(")	V(m)	V(")	fix.	min.	max.	min.	max.	min.	max.	min.	max.		fix.	min.	max.	min.	max.	min.	max.	min.	max.	
CP-WU8700W CP-WU8700B CP-WU8600W Aspect ratio 16 : 10	Projection distance ⓐ 80	1.7	68	1.1	42	1.4	2.0	3.1	3.0	5.0	4.9	8.3	8.3	14.1		56	80	121	117	198	192	325	327	555	
	100	2.2	85	1.3	53	1.8	2.5	3.8	3.7	6.3	6.1	10.3	10.3	17.6		69	100	151	146	248	240	407	407	691	
	150	3.2	127	2.0	79	2.6	3.8	5.7	5.5	9.4	9.1	15.5	15.4	26.2		103	150	225	219	371	359	612	605	1032	
	200	4.3	170	2.7	106	3.5	5.1	7.6	7.4	12.5	12.2	20.7	20.4	34.9		137	199	300	291	494	479	816	803	1374	
	300	6.5	254	4.0	159	5.2	7.6	11.4	11.1	18.8	18.2	31.1	30.5	52.2		205	298	450	435	740	718	1225	1200	2056	
	400	8.6	339	5.4	212	6.9	10.1	15.2	14.7	25.0	24.3	41.5	40.5	69.6		272	397	600	580	986	957	1635	1596	2739	
	500	10.8	424	6.7	265	8.6	12.6	19.0	18.4	31.3	30.4	51.9	50.6	86.9		340	496	749	725	1232	1196	2044	1992	3421	
	Throw ratio					0.8	1.2	1.8	1.7	3.0	2.8	4.9	4.9	8.3		0.8	1.2	1.8	1.7	3.0	2.8	4.9	4.9	8.3	
CP-WX8750W CP-WX8750B CP-WX8650W Aspect ratio 16 : 10	Projection distance ⓐ 80	1.7	68	1.1	42	1.4	2.1	3.1	3.0	5.1	5.0	8.4	8.5	14.4		57	82	123	120	202	196	332	334	565	
	100	2.2	85	1.3	53	1.8	2.6	3.9	3.8	6.4	6.2	10.5	10.5	17.9		71	102	154	149	252	244	415	415	705	
	150	3.2	127	2.0	79	2.7	3.9	5.8	5.7	9.6	9.3	15.8	15.7	26.7		105	153	230	223	378	366	624	617	1053	
	200	4.3	170	2.7	106	3.5	5.2	7.8	7.5	12.8	12.4	21.1	20.8	35.6		140	203	306	297	504	488	833	819	1401	
	300	6.5	254	4.0	159	5.3	7.7	11.7	11.3	19.2	18.6	31.7	31.1	53.3		209	304	459	444	755	732	1250	1223	2097	
	400	8.6	339	5.4	212	7.0	10.3	15.5	15.0	25.5	24.8	42.4	41.3	70.9		278	405	612	592	1006	976	1667	1628	2793	
	500	10.8	424	6.7	265	8.8	12.9	19.4	18.8	31.9	31.0	53.0	51.6	88.6		347	506	764	739	1257	1220	2085	2032	3489	
	Throw ratio					0.8	1.2	1.8	1.7	3.0	2.8	4.9	4.9	8.3		0.8	1.2	1.8	1.7	3.0	2.8	4.9	4.9	8.3	
CP-X8800W CP-X8800B Aspect ratio 4 : 3	Projection distance ⓐ 80	1.6	64	1.2	48	1.4	2.0	3.0	2.9	4.9	4.7	8.0	8.1	13.7		54	78	117	114	192	186	315	318	538	
	100	2.0	80	1.5	60	1.7	2.5	3.7	3.6	6.1	5.9	10.0	10.0	17.0		67	97	146	142	240	232	395	395	671	
	150	3.0	120	2.3	90	2.5	3.7	5.6	5.4	9.1	8.8	15.1	14.9	25.4		100	145	219	212	360	348	593	587	1002	
	200	4.1	160	3.0	120	3.4	4.9	7.4	7.2	12.2	11.8	20.1	19.8	33.8		133	193	291	282	479	464	792	779	1333	
	300	6.1	240	4.6	180	5.0	7.3	11.1	10.7	18.2	17.7	30.2	29.6	50.7		198	289	436	422	718	696	1189	1164	1995	
	400	8.1	320	6.1	240	6.7	9.8	14.8	14.3	24.3	23.6	40.3	39.3	67.5		264	385	582	563	957	928	1586	1548	2657	
	500	10.2	400	7.6	300	8.4	12.2	18.5	17.9	30.4	29.5	50.4	49.1	84.3		330	482	727	703	1195	1160	1983	1933	3319	
	Throw ratio					0.8	1.2	1.8	1.7	3.0	2.8	4.9	4.9	8.3		0.8	1.2	1.8	1.7	3.0	2.8	4.9	4.9	8.3	

Model	Item					m												inch											
	Screen size					FL-701	SL-702 SL-712		ML-703		ML-713		LL-704		UL-705			FL-701	SL-702 SL-712		ML-703		ML-713		LL-704		UL-705	
	Type	H(m)	H(")	V(m)	V(")	fix.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.		fix.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	
CP-WU8461 CP-WU8451 Aspect ratio 16 : 10	Projection distance ⓐ 80	1.7	68	1.1	42	1.4	2.0	3.1	2.6	5.1	3.0	5.0	4.9	8.3	8.3	14.1		56	80	121	101	202	117	198	192	325	328	555	
	100	2.2	85	1.3	53	1.7	2.5	3.8	3.2	6.4	3.7	6.3	6.1	10.3	10.3	17.6		69	100	151	127	252	146	248	240	407	407	691	
	150	3.2	127	2.0	79	2.5	3.8	5.7	4.8	9.6	5.5	9.4	9.1	15.5	15.4	26.2		103	150	225	190	377	219	371	359	612	605	1033	
	200	4.3	170	2.7	106	3.3	5.1	7.6	6.4	12.8	7.4	12.5	12.2	20.7	20.4	34.9		137	199	300	253	503	291	494	479	816	803	1374	
	300	6.5	254	4.0	159	5.0	7.6	11.4	9.6	19.1	11.1	18.8	18.2	31.1	30.5	52.2		204	298	450	379	754	435	740	718	1226	1200	2056	
	400	8.6	339	5.4	212	6.6	10.1	15.2	12.8	25.5	14.7	25.0	24.3	41.5	40.5	69.6		272	397	600	506	1005	580	986	957	1635	1596	2739	
	500	10.8	424	6.7	265	8.3	12.6	19.0	16.1	31.9	18.4	31.3	30.4	51.9	50.6	86.9		340	496	749	632	1256	725	1232	1196	2044	1993	3421	
	Throw ratio					0.8	1.2	1.8	1.5	3.0	1.5	3.0	2.8	4.9	4.9	8.3		0.8	1.2	1.8	1.5	3.0	1.5	3.0	2.8	4.9	4.9	8.3	
CP-WX8265 CP-WX8255A Aspect ratio 16 : 10	Projection distance ⓐ 80	1.7	68	1.1	42	1.4	2.1	3.1	2.6	5.2	3.0	5.1	5.0	8.4	8.5	14.4		57	82	123	104	206	119	201	196	332	334	566	
	100	2.2	85	1.3	53	1.8	2.6	3.9	3.3	6.5	3.8	6.4	6.2	10.5	10.5	17.9		71	102	154	129	257	148	251	244	415	415	705	
	150	3.2	127	2.0	79	2.7	3.9	5.8	4.9	9.8	5.6	9.5	9.3	15.8	15.7	26.7		105	153	230	194	385	221	375	366	624	617	1053	
	200	4.3	170	2.7	106	3.5	5.2	7.8	6.6	13.0	7.5	12.7	12.4	21.1	20.8	35.6		140	203	306	259	513	294	500	488	833	819	1401	
	300	6.5	254	4.0	159	5.3	7.7	11.7	9.8	19.5	11.2	19.0	18.6	31.8	31.1	53.3		209	304	459	388	769	441	749	732	1250	1224	2097	
	400	8.6	339	5.4	212	7.0	10.3	15.5	13.1	26.0	14.9	25.3	24.8	42.4	41.3	71.0		278	405	612	517	1025	587	998	976	1668	1628	2793	
	500	10.8	424	6.7	265	8.8	12.9	19.4	16.4	32.5	18.6	31.7	31.0	53.0	51.6	88.6		346	506	764	646	1281	733	1247	1220	2085	2032	3490	
	Throw ratio					0.8	1.2	1.8	1.5	3.0	1.5	3.0	2.8	4.9	4.9	8.3		0.8	1.2	1.8	1.5	3.0	1.5	3.0	2.8	4.9	4.9	8.3	
CP-X8170 CP-X8160 Aspect ratio 4 : 3	Projection distance ⓐ 80	1.6	64	1.2	48	1.4	2.0	3.0	2.5	4.9	2.9	4.9	4.7	8.0	8.0	13.6		54	77	116	98	194	113	191	185	313	316	535	
	100	2.0	80	1.5	60	1.7	2.5	3.7	3.1	6.2	3.6	6.1	5.9	10.0	10.0	16.9		67	97	145	122	242	141	239	231	392	393	667	
	150	3.0	120	2.3	90	2.5	3.7	5.5	4.6	9.2	5.4	9.1	8.8	15.0	14.8	25.3		99	144	217	183	363	211	357	346	589	584	996	
	200	4.1	160	3.0	120	3.4	4.9	7.4	6.2	12.3	7.1	12.1	11.7	20.0	19.7	33.6		132	192	289	244	484	280	476	461	787	775	1324	
	300	6.1	240	4.6	180	5.0	7.3	11.0	9.3	18.4	10.7	18.1	17.6	30.0	29.4	50.3		197	288	434	366	725	420	713	692	1181	1157	1982	
	400	8.1	320	6.1	240	6.7	9.7	14.7	12.4	24.6	14.2	24.1	23.4	40.0	39.1	67.1		262	383	578	487	967	559	950	922	1576	1539	2640	
	500	10.2	400	7.6	300	8.3	12.2	18.3	15.5	30.7	17.7	30.2	29.3	50.0	48.8	83.8		327	478	722	609	1209	698	1188	1153	1970	1921	3298	
	Throw ratio					0.8	1.2	1.8	1.5	3.0	1.5	3.0	2.8	4.9	4.9	8.3		0.8	1.2	1.8	1.5	3.0	1.5	3.0	2.8	4.9	4.9	8.3	

6000 Series

Model	Item						m						inch					
	Screen size						SL-62		SD-63		ML-64		SL-62		SD-63		ML-64	
	Type	H(m)	H(")	V(m)	V(")		min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.
LP-WU6600 Aspect ratio 16 : 10	Projection distance ⓐ 60	1.3	51	0.8	32		1.4	1.7	2.0	2.5	2.4	3.7	57	67	79	99	95	144
	80	1.7	68	1.1	42		1.9	2.3	2.7	3.3	3.2	4.9	75	89	105	132	128	194
	100	2.2	85	1.3	53		2.4	2.8	3.3	4.2	4.1	6.2	94	111	131	164	161	243
	120	2.6	102	1.6	64		2.9	3.4	4.0	5.0	4.9	7.4	113	133	157	197	193	292
	150	3.2	127	2.0	79		3.6	4.2	5.0	6.3	6.2	9.3	141	166	196	246	242	366
	200	4.3	170	2.7	106		4.8	5.6	6.6	8.3	8.2	12.4	187	221	262	328	324	489
	250	5.4	212	3.4	132		5.9	7.0	-	-	10.3	15.5	234	276	-	-	406	612
	300	6.5	254	4.0	159		7.1	8.4	-	-	12.4	18.7	281	331	-	-	488	735
	Throw ratio						1.1	1.3	1.5	1.9	1.9	2.9	1.1	1.3	1.5	1.9	1.9	2.9

Model	Screen size					m		inch	
	Type	H(m)	H(")	V(m)	V(")	min.	max.	min.	max.
LP-WU6500 Aspect ratio 16 : 10	Projection distance ⓐ 60	1.3	51	0.8	32	1.5	2.4	59	96
	80	1.7	68	1.1	42	2.0	3.3	78	129
	100	2.2	85	1.3	53	2.5	4.1	98	161
	120	2.6	102	1.6	64	3.0	4.9	117	193
	150	3.2	127	2.0	79	3.7	-	146	-
	200	4.3	170	2.7	106	5.0	-	195	-
	250	5.4	212	3.4	132	-	-	-	-
	300	6.5	254	4.0	159	-	-	-	-
	Throw ratio					1.2	1.9	1.2	1.9

5000series

Model	Screen size					m		inch	
	Type	H(m)	H(")	V(m)	V(")	min.	max.	min.	max.
CP-WU5506M CP-WU5505 CP-WU5500 Aspect ratio 16 : 10	Projection distance ⓐ 60	1.3	51	0.8	32	1.7	3.0	68	118
	80	1.7	68	1.1	42	2.3	4.0	91	158
	100	2.2	85	1.3	53	2.9	5.0	115	198
	120	2.6	102	1.6	64	3.5	6.0	138	238
	150	3.2	127	2.0	79	4.4	7.6	173	298
	200	4.3	170	2.7	106	5.9	10.1	231	397
	250	5.4	212	3.4	132	7.4	12.6	290	497
	300	6.5	254	4.0	159	8.8	15.2	348	597
	Throw ratio					1.4	2.3	1.4	2.3

Model	Screen size					m		inch	
	Type	H(m)	H(")	V(m)	V(")	min.	max.	min.	max.
CP-WX5506M Aspect ratio 16 : 10	Projection distance ⓐ 60	1.3	51	0.8	32	1.6	2.7	64	105
	80	1.7	68	1.1	42	2.2	3.6	86	141
	100	2.2	85	1.3	53	2.8	4.5	109	177
	120	2.6	102	1.6	64	3.3	5.4	131	213
	150	3.2	127	2.0	79	4.2	6.8	164	267
	200	4.3	170	2.7	106	5.6	9.1	220	357
	250	5.4	212	3.4	132	7.0	11.4	276	447
	300	6.5	254	4.0	159	8.4	13.6	332	537
	Throw ratio					1.4	2.3	1.4	2.3

Model	Screen size					m		inch	
	Type	H(m)	H(")	V(m)	V(")	min.	max.	min.	max.
CP-WX5505 CP-WX5500 Aspect ratio 16 : 10	Projection distance ⓐ 60	1.3	51	0.8	32	1.7	2.9	69	113
	80	1.7	68	1.1	42	2.4	3.9	93	152
	100	2.2	85	1.3	53	3.0	4.8	117	191
	120	2.6	102	1.6	64	3.6	5.8	141	230
	150	3.2	127	2.0	79	4.5	7.3	177	288
	200	4.3	170	2.7	106	6.0	9.8	237	385
	250	5.4	212	3.4	132	7.6	12.3	298	483
	300	6.5	254	4.0	159	9.1	14.7	358	580
	Throw ratio					1.4	2.3	1.4	2.3

Model	Screen size					m		inch	
	Type	H(m)	H(")	V(m)	V(")	min.	max.	min.	max.
CP-X5555 CP-X5550 Aspect ratio 4 : 3	Projection distance ⓐ 60	1.2	48	0.9	36	1.7	2.7	65	107
	80	1.6	64	1.2	48	2.2	3.6	88	144
	100	2.0	80	1.5	60	2.8	4.6	111	180
	120	2.4	96	1.8	72	3.4	5.5	133	217
	150	3.0	120	2.3	90	4.3	6.9	168	272
	200	4.1	160	3.0	120	5.7	9.2	224	364
	250	5.1	200	3.8	150	7.1	11.6	281	456
	300	6.1	240	4.6	180	8.6	13.9	338	548
	Throw ratio					1.4	2.3	1.4	2.3

Projection distance

Ultra short throw fixed lens
FL-910 / FL-920 / FL-710

H × V : Screen size
a1: Reflecting mirror surface to screen
a2: Projector end to screen
b1: Projector top to screen edge (closer edge to projector)
b2: Projector bottom to screen edge (closer edge to projector)

* This figure is not drawn to scale.

9000 Series

Model	Item					m				inch			
	Screen size					FL-920				FL-920			
	Type	H(m)	H(")	V(m)	V(")	a1	a2	b1	b2	a1	a2	b1	b2
LP-WU9100B LP-WU9750B Aspect retio 16 : 10	100	2.2	85	1.3	53	0.817	-0.022	0.376	0.592	32	-1	15	23
	120	2.6	102	1.6	64	0.969	0.130	0.464	0.680	38	5	18	27
	150	3.2	127	2.0	79	1.196	0.357	0.595	0.811	47	14	23	32
	200	4.3	170	2.7	106	1.574	0.735	0.813	1.029	62	29	32	41
	250	5.4	212	3.4	132	1.953	1.113	1.032	1.248	77	44	41	49
	300	6.5	254	4.0	159	2.331	1.492	1.250	1.466	92	59	49	58
	350	7.5	297	4.7	185	2.709	1.870	1.469	1.685	107	74	58	66

Model	Item					m				inch			
	Screen size					FL-910				FL-910			
	Type	H(m)	H(")	V(m)	V(")	a1	a2	b1	b2	a1	a2	b1	b2
CP-WU9100W CP-WU9100B CP-WU9411 CP-WU9410 Aspect ratio 16 : 10	100	2.2	85	1.3	53	0.817	0.107	0.379	0.549	32	4	15	22
	120	2.6	102	1.6	64	0.969	0.258	0.467	0.637	38	10	18	25
	150	3.2	127	2.0	79	1.196	0.485	0.598	0.768	47	19	24	30
	200	4.3	170	2.7	106	1.574	0.864	0.816	0.986	62	34	32	39
	250	5.4	212	3.4	132	1.953	1.242	1.035	1.205	77	49	41	47
	300	6.5	254	4.0	159	2.331	1.620	1.253	1.423	92	64	49	56
	350	7.5	297	4.7	185	2.709	1.999	1.472	1.642	107	79	58	65

Model	Item					m				inch			
	Screen size					FL-910				FL-910			
	Type	H(m)	H(")	V(m)	V(")	a1	a2	b1	b2	a1	a2	b1	b2
CP-HD9950W CP-HD9950B CP-HD9321 CP-HD9320 Aspect ratio 16 : 9	100	2.2	87	1.2	49	0.839	0.128	0.471	0.641	33	5	19	25
	120	2.7	105	1.5	59	0.994	0.283	0.577	0.747	39	11	23	29
	150	3.3	131	1.9	74	1.227	0.517	0.735	0.905	48	20	29	36
	200	4.4	174	2.5	98	1.616	0.906	1.000	1.170	64	36	39	46
	250	5.5	218	3.1	123	2.005	1.295	1.264	1.434	79	51	50	56
	300	6.6	261	3.7	147	2.394	1.684	1.528	1.698	94	66	60	67
	350	7.7	305	4.4	172	2.783	2.072	1.793	1.963	110	82	71	77
CP-WX9211 CP-WX9210 Aspect ratio 16 : 9	100	2.2	85	1.3	53	0.855	0.145	0.514	0.684	34	6	20	27
	120	2.6	102	1.6	64	1.014	0.304	0.628	0.798	40	12	25	31
	150	3.2	127	2.0	79	1.253	0.542	0.800	0.970	49	21	31	38
	200	4.3	170	2.7	106	1.650	0.939	1.086	1.256	65	37	43	49
	250	5.4	212	3.4	132	2.047	1.337	1.371	1.541	81	53	54	61
	300	6.5	254	4.0	159	2.444	1.734	1.657	1.827	96	68	65	72
	350	7.5	297	4.7	185	2.842	2.131	1.943	2.113	112	84	76	83
CP-X9111 CP-X9110 Aspect ratio 4 : 3	100	2.0	80	1.5	60	0.800	0.090	0.361	0.531	32	4	14	21
	120	2.4	96	1.8	72	0.948	0.238	0.445	0.615	37	9	18	24
	150	3.0	120	2.3	90	1.170	0.460	0.570	0.740	46	18	22	29
	200	4.1	160	3.0	120	1.540	0.830	0.780	0.950	61	33	31	37
	250	5.1	200	3.8	150	1.910	1.200	0.989	1.159	75	47	39	46
	300	6.1	240	4.6	180	2.280	1.569	1.198	1.368	90	62	47	54
	350	7.1	280	5.3	210	2.650	1.939	1.408	1.578	104	76	55	62

8000 Series

Model	Item					m				inch			
	Screen size					FL-710				FL-710			
	Type	H(m)	H(")	V(m)	V(")	a1	a2	b1	b2	a1	a2	b1	b2
CP-WU8700W CP-WU8700B CP-WU8600W Aspect ratio 16 : 10	100	2.2	85	1.3	53	0.819	0.108	0.427	0.616	32	4	17	24
	120	2.6	102	1.6	64	0.965	0.254	0.521	0.710	38	10	21	28
	150	3.2	127	2.0	79	1.185	0.473	0.662	0.851	47	19	26	34
	200	4.3	170	2.7	106	1.550	0.839	0.898	1.087	61	33	35	43
	250	5.4	212	3.4	132	1.915	1.204	1.133	1.322	75	47	45	52
	300	6.5	254	4.0	159	2.281	1.569	1.369	1.558	90	62	54	61
	350	7.5	297	4.7	185	2.646	1.935	1.604	1.793	104	76	63	71
CP-WX8750W CP-WX8750B CP-WX8650W Aspect ratio 16 : 10	100	2.2	85	1.3	53	0.819	0.108	0.427	0.616	32	4	17	24
	120	2.6	102	1.6	64	0.965	0.254	0.521	0.710	38	10	21	28
	150	3.2	127	2.0	79	1.185	0.473	0.662	0.851	47	19	26	34
	200	4.3	170	2.7	106	1.550	0.839	0.898	1.087	61	33	35	43
	250	5.4	212	3.4	132	1.915	1.204	1.133	1.322	75	47	45	52
	300	6.5	254	4.0	159	2.281	1.569	1.369	1.558	90	62	54	61
	350	7.5	297	4.7	185	2.646	1.935	1.604	1.793	104	76	63	71

Model	Item					m				inch			
	Screen size					FL-710				FL-710			
	Type	H(m)	H(")	V(m)	V(")	a1	a2	b1	b2	a1	a2	b1	b2
CP-X8800W CP-X8800B Aspect ratio 4 : 3	100	2.0	80	1.5	60	0.797	0.086	0.326	0.515	31	3	13	20
	120	2.4	96	1.8	72	0.939	0.228	0.400	0.589	37	9	16	23
	150	3.0	120	2.3	90	1.152	0.440	0.510	0.699	45	17	20	28
	200	4.1	160	3.0	120	1.506	0.795	0.695	0.884	59	31	27	35
	250	5.1	200	3.8	150	1.860	1.149	0.879	1.068	73	45	35	42
	300	6.1	240	4.6	180	2.215	1.504	1.064	1.253	87	59	42	49
	350	7.1	280	5.3	210	2.569	1.858	1.248	1.437	101	73	49	57

Lens Shift (for upside-down installation)

* These figures are not drawn to scale.

K / 9000 / 8000 Series

* Shaded area is supported by LP-WU9100B and LP-WU9750B only.

LP-WU6600 / 5000 Series

* Shaded area is supported by LP-WU6600 only.

LP-WU6500

Vertical or horizontal distance from the center of the projected image to the point where the lens axis intersects the screen.
The illustrations on the left show the range of Lens Shift when the projector is installed upside down, such as on a ceiling mount.

K Series

		FL-K01	FL-K02	SL-K03	ML-K04	LL-K05	UL-K06
CP-WU13K	Left/Right	0% (Fixed)	±10%	±10%	±10%	±10%	±10%
	Down	0% (Fixed)	-25 ~ +50%	-25 ~ +50%	-25 ~ +50%	-25 ~ +50%	-25 ~ +50%

9000 Series

		FL-920	USL-901A	SL-902	SD-903	ML-904	LL-905	UL-906
LP-WU9100B LP-WU9750B	Left/Right	0% (Fixed)	±10%	±10%	±10%	±10%	±10%	±10%
	Down	+82.5% (Fixed)	-22 ~ +50%	-22 ~ +60%	-22 ~ +60%	-22 ~ +60%	-22 ~ +60%	-22 ~ +60%

		FL-910	USL-901A	SL-902	SD-903	ML-904	LL-905	UL-906
CP-WU9100W CP-WU9100B CP-WU9411 CP-WU9410	Left/Right	0% (Fixed)	±10%	±10%	±10%	±10%	±10%	±10%
	Down	+82.5% (Fixed)	0 ~ +50%	0 ~ +60%	0 ~ +60%	0 ~ +60%	0 ~ +60%	0 ~ +60%
CP-HD9950W CP-HD9950B CP-HD9321 CP-HD9320	Left/Right	0% (Fixed)	±10%	±10%	±10%	±10%	±10%	±10%
	Down	+92.5% (Fixed)	0 ~ +55%	0 ~ +65%	0 ~ +65%	0 ~ +65%	0 ~ +65%	0 ~ +65%
CP-WX9211 CP-WX9210	Left/Right	0% (Fixed)	±10%	±10%	±10%	±10%	±10%	±10%
	Down	+92.5% (Fixed)	0 ~ +55%	0 ~ +65%	0 ~ +65%	0 ~ +65%	0 ~ +65%	0 ~ +65%
CP-X9111 CP-X9110	Left/Right	0% (Fixed)	±10%	±10%	±10%	±10%	±10%	±10%
	Down	+77.5% (Fixed)	0 ~ +50%	0 ~ +55%	0 ~ +55%	0 ~ +55%	0 ~ +55%	0 ~ +55%

8000 Series

		FL-710	FL-701	SL-712	ML-713	LL-704	UL-705
CP-WU8700W CP-WU8700B CP-WU8600W CP-WX8750W CP-WX8750B CP-WX8650W	Left/Right	0% (Fixed)	0% (Fixed)	±10%	±10%	±10%	±10%
	Down	85% (Fixed)	0% (Fixed)	0 ~ +50%	0 ~ +60%	0 ~ +50%	0 ~ +50%
CP-X8800W CP-X8800B	Left/Right	0% (Fixed)	0% (Fixed)	±10%	±10%	±10%	±10%
	Down	73% (Fixed)	0% (Fixed)	0 ~ +40%	0 ~ +50%	0 ~ +40%	0 ~ +40%

8000 Series

		FL-701	SL-702 SL-712	ML-703 ML-713	LL-704	UL-705
CP-WU8461 CP-WU8451	Left/Right	0% (Fixed)	±10%	±10%	±10%	±10%
	Down	0% (Fixed)	0 ~ +50%	0 ~ +60%	0 ~ +50%	0 ~ +50%
CP-WX8255A CP-WX8265	Left/Right	0% (Fixed)	±10%	±10%	±10%	±10%
	Down	0% (Fixed)	0 ~ +50%	0 ~ +60%	0 ~ +50%	0 ~ +50%
CP-X8170 CP-X8160	Left/Right	0% (Fixed)	±10%	±10%	±10%	±10%
	Down	0% (Fixed)	0 ~ +40%	0 ~ +50%	0 ~ +40%	0 ~ +40%

6000 Series

		SL-62	SD-63	ML-64
LP-WU6600	Left/Right	±5%	±5%	±5%
	Down	-15% ~ +55%	-15% ~ +55%	-15% ~ +55%

LP-WU6500	Left/Right	±2.5%
	Down	+63% ~ +75%

5000 Series

CP-WU5506M CP-WU5505 CP-WU5500	Left/Right	±4.4%
	Down	0 ~ +50%
CP-WX5506M	Left/Right	±4.6%
	Down	0 ~ +50%
CP-WX5505 CP-WX5500	Left/Right	±5%
	Down	0 ~ +50%
CP-X5555 CP-X5550	Left/Right	±5%
	Down	0 ~ +50%

Option

	K Series	9000 Series				8000 Series				6000 Series		5000 Series	
	CP-WU13K	LP-WU9100B LP-WU9750B	CP-WU9100W CP-WU9100B CP-HD9950W CP-HD9950B	CP-HD9321 CP-HD9320	CP-WU9411 CP-WU9410 CP-WX9211 CP-WX9210 CP-X9111 CP-X9110	CP-WU8700W CP-WU8700B CP-WX8750W CP-WX8750B CP-X8800W CP-X8800B	CP-WU8600W CP-WX8650W	CP-WU8461 CP-WX8265 CP-X8170	CP-WU8451 CP-WX8255A CP-X8160	LP-WU6600	LP-WU6500	CP-WU5506M CP-WX5506M	CP-WU5505 CP-WU5500 CP-WX5505 CP-WX5500 CP-X5555 CP-X5550
Lamp	DT01591	-	DT01911	DT01731	DT01581	DT01871	DT01881	DT01471	DT01291	-		DT01931	
Filter set	MU08321 (for front), MU08331 (for rear)	-	UX39551			UX40821		UX38242	UX38241	-		UX41161	
Lens unit	FL-K01 (Fixed short throw lens) FL-K02 (Fixed short throw lens) SL-K03 (Short throw zoom lens) ML-K04 (Standard zoom lens) LL-K05 (Long throw zoom lens) UL-K06 (Ultra long throw zoom lens)	USL-901A (Ultra short throw lens) SL-902 (Short throw lens) SD-903 (Standard lens) ML-904 (Middle throw lens) LL-905 (Long throw lens) UL-906 (Ultra long throw lens)				FL-701 (Fixed short throw lens) SL-712 (Short throw lens) ML-713 (Middle throw lens) LL-704 (Long throw lens) UL-705 (Ultra long throw lens) FL-710 (Ultra short throw fixed lens)		FL-701 (Fixed short throw lens) SL-702 (Short throw lens) SL-712 (Short throw lens) ML-703 (Middle throw lens) ML-713 (Middle throw lens) LL-704 (Long throw lens) UL-705 (Ultra long throw lens)		SL-62 (Semi short throw lens) SD-63 (Standard lens) ML-64 (Long throw lens)	-	-	
		FL-920 (Ultra short throw fixed lens)	FL-910 (Ultra short throw fixed lens)										
Mounting accessory	HAS-13K (Bracket for ceiling mount) FS-13K (Frame for stacking)	HAS-L9750 (Bracket for fixing mount)	HAS-9110 (Bracket for fixing mount)			HAS-9110 (Bracket for fixing mount)		HAS-8150 (Bracket for fixing mount)		HAS-L6000 (Bracket for fixing mount)	HAS-L5000 (Bracket for fixing mount)	HAS-9110 (Bracket for fixing mount) HAS-104S (Slim adapter for fixing mount) HAS-204L (Standard adapter for fixing mount) HAS-304H (Long adapter for fixing mount)	
		HAS-104S (Slim adapter for fixing mount) HAS-204L (Standard adapter for fixing mount) HAS-304H (Long adapter for fixing mount) HAS-404U (Ceiling mount with 6-axis adjustment) *1				HAS-204L (Standard adapter for fixing mount) HAS-304H (Long adapter for fixing mount)				HAS-104S (Slim adapter for fixing mount) HAS-204L (Standard adapter for fixing mount) HAS-304H (Long adapter for fixing mount)			
						HAS-404U (Ceiling mount with 6-axis adjustment) *1							
USB wireless adapter	-	-	USB-WL-11N *2			USB-WL-11N *2				-		-	USB-WL-11N *2
Others	-	-				-				-		RC-R104 (Wired remote terminal)	

*1 HAS-404U is used with a projector that the ultra short throw fixed lens FL-920, FL-910, or FL-710 is attached to when it is installed at the ceiling mounting position.
*2 The availability of the USB-WL-11N varies depending on the country and region.

Case Studies

Hitachi projectors are utilized in various ways.

Design and specifications are subject to change without notice.

- The projected images and comparison photos in this catalog are simulations.
- LCD panels, polarizers and other optical components, and cooling fans may need replacement after prolonged usage. For more details, please consult a Hitachi sales representative.
- Do not use in places where there is a lot of water, dampness, steam, dust, soot, or tobacco smoke. This may result in fire or malfunction.
- Optical components (light source, DLP®chip, LCD panel, polarizing plate, PBS [polarizer beam splitter]) and cooling fans have limited service lives. They must be repaired or replaced if they are used for a long period of time.
- The projectors other than LP-WU9100B, LP-WU9750B, LP-WU6600, and LP-WU6500 use a mercury lamp with high internal pressure. Because of its properties, this lamp may burst with a loud noise or burn out if struck or after it has been used for a period of time. The time until it bursts or burns out varies greatly according to differences between lamps and usage conditions. Turning the lamp' s power on and off frequently shortens its service life.
- Optical components other than the lamp: If the LCD projector is used for six hours or more per day, they may need to be replaced in less than a year.
- LCD panel: If the projector is used continuously for six hours or more, its replacement cycle may be shortened.
- Do not turn the projector using alamp light source on again for ten minutes after shutdown. Neglect can shorten the lifetime of the lamp.
- During use and immediately after use, do not touch anywhere near the lamp and the vents as these parts are extremely hot.
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- LP-WU9100B/LP-WU9750B/LP-WU6600/LP-WU6500 projector is a CLASS 1 LASER PRODUCT (IEC/EN 60825-1:2014). (CLASS 3R LASER PRODUCT (IEC/EN 60825-1:2007) for the U.S.A. and Canada)

LP-WU9100B

LASER RADIATION
AVOID DIRECT EYE EXPOSURE
CLASS 3R LASER PRODUCT
Wavelength : 450-460 nm
Max. Pulse energy: 0.253 mJ, Pulse duration: 0.5 ms
IEC/EN 60825-1:2007

RAYONNEMENT LASER
ÉVITER D'EXPOSER DIRECTEMENT LENS YEUX
PRODUIT LASER DE CLASSE 3R
Longueur D'onde : 450-460nm
Énergie D'impulsion Max. : 0.253 mJ, Durée de L'impulsion : 0.5 ms
IEC/EN 60825-1:2007

LASERSTRAHLUNG
DIREKTE EXPOSITION DER AUGEN VERMEIDEN
LASERPRODUKT DER KLASSE 3R
Wellenlänge : 450-460 nm
Max. Pulsenergie: 0.253 mJ, Pulsdauer: 0.5 ms
IEC/EN 60825-1:2007

LP-WU9750B

LASER RADIATION
AVOID DIRECT EYE EXPOSURE
CLASS 3R LASER PRODUCT
Wavelength : 450-460 nm
Max. Pulse energy: 0.378 mJ, Pulse duration: 0.74 ms
IEC/EN 60825-1:2007

RAYONNEMENT LASER
ÉVITER D'EXPOSER DIRECTEMENT LENS YEUX
PRODUIT LASER DE CLASSE 3R
Longueur D'onde : 450-460nm
Énergie D'impulsion Max. : 0.376 mJ, Durée de L'impulsion : 0.74 ms
IEC/EN 60825-1:2007

LASERSTRAHLUNG
DIREKTE EXPOSITION DER AUGEN VERMEIDEN
LASERPRODUKT DER KLASSE 3R
Wellenlänge : 450-460 nm
Max. Pulsenergie: 0.376 mJ, Pulsdauer: 0.74 ms
IEC/EN 60825-1:2007

LP-WU6600

LASER RADIATION
AVOID DIRECT EYE EXPOSURE
CLASS 3R LASER PRODUCT
Wavelength : 450-460 nm Max. Pulse energy: 0.698 mJ
Pulse duration: 1.34 ms IEC/EN 60825-1:2007

RAYONNEMENT LASER
ÉVITER D'EXPOSER DIRECTEMENT LENS YEUX
PRODUIT LASER DE CLASSE 3R
Longueur D'onde : 450-460nm
Énergie D'Impulsion Max. : 0.698 mJ
Durée de L'Impulsion : 1.34 ms IEC/EN 60825-1:2007

LASERSTRAHLUNG
DIREKTE EXPOSITION DER AUGEN VERMEIDEN
LASERPRODUKT DER KLASSE 3R
Wellenlänge : 450-460 nm Max. Pulsenergie: 0.698 mJ
Pulsdauer: 1.34 ms IEC/EN 60825-1:2007

LP-WU6500

LASER RADIATION
AVOID DIRECT EYE EXPOSURE
CLASS 3R LASER PRODUCT
Wavelength : 450-460 nm Max. Pulse energy: 0.698 mJ,
Pulse duration: 1.34 ms IEC/EN 60825-1:2007

RAYONNEMENT LASER
ÉVITER D'EXPOSER DIRECTEMENT LENS YEUX
PRODUIT LASER DE CLASSE 3R
Longueur D'onde : 450-460nm
Énergie D'impulsion Max. : 0.698 mJ,
Durée de L'impulsion : 1.34 ms IEC/EN 60825-1:2007

LASERSTRAHLUNG
DIREKTE EXPOSITION DER AUGEN VERMEIDEN
LASERPRODUKT DER KLASSE 3R
Wellenlänge : 450-460 nm Max. Pulsenergie: 0.698 mJ,
Pulsdauer: 1.34 ms IEC/EN 60825-1:2007

雷射輻射
避免眼睛受到直接照射
3R類雷射產品
波長 : 450～460nm
最大脈衝能量:0.698 mJ
脈衝持續時間:1.34 ms IEC/EN 60825-1:2007