



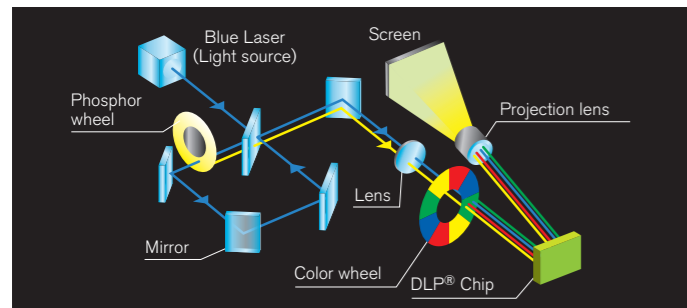
With a stable projection performance and high installability, the laser projector is suitable for various purposes.

## High Reliability and Stability

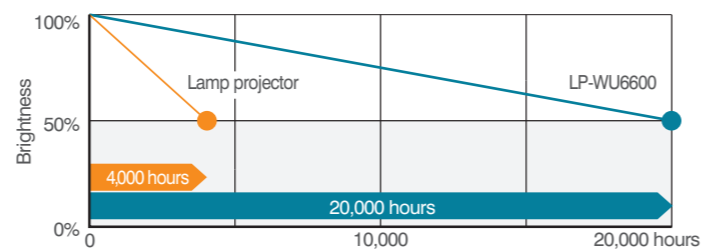
### Long life 20,000 hours\*1 Laser light source

Light source combined Blue laser diodes and Phosphor can achieve 6,000 lumens. The projection image is bright, clear and vivid 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, the LASER projector series is suitable for venues such as museums, restaurants and digital signage.

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



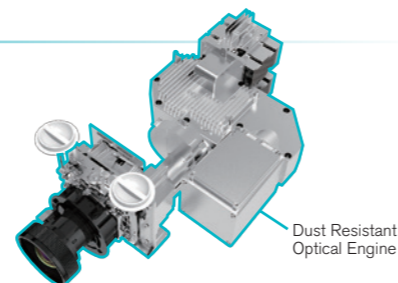
Brightness Deterioration Comparison between Hitachi projectors.



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.



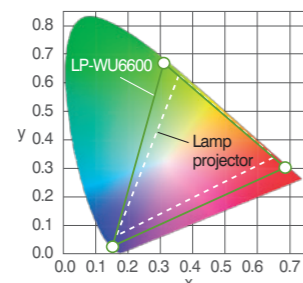
## High Image Quality

### Wide range of Color Reproduction

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

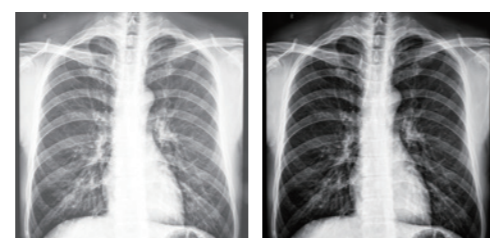


Color Space Comparison between Hitachi projectors



### 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.

# LP-WU6600

WUXGA 6,000 lm

LASER Light Source

HDMI® HDBT™ MHL™



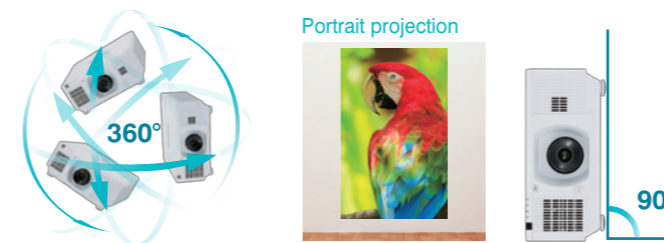
\*Image with Standard Lens SD-63 mounted. \*The lens of the projector is sold separately.

## Flexible Installation

### 360° Projection

This projector provides great installation flexibility as it can be installed at any angle\*2. By rotating the projector 90 degrees, you can project vertically long images (Portrait Projection).

\*2 The life of optical parts may shorten if the projector is installed with the lens facing downward or the IO connector side upward.



### Laser Power Level Control

Power of laser light source is controllable by every 1% step\*3. It allows the brightness of projection image fits in the luminance environment and can save the power consumption.

This feature helps you to adjust the similar brightness of projectors in such the side-by-side projection.



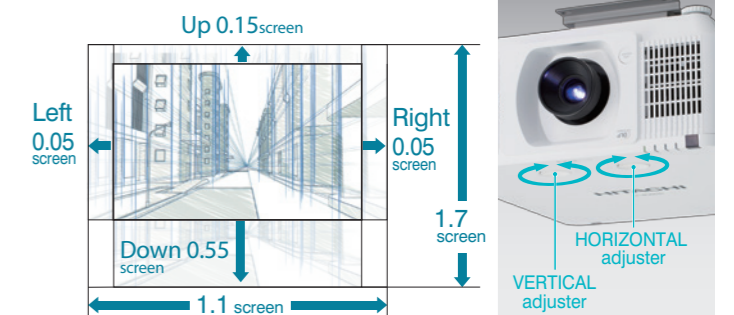
Matches brightness of images projected side by side

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

### Lens Shift

Lens shift can adjust the position of image on the screen by turning the adjusters manually. This adjustment is useful to fit the image to the position without causing keystone distortion.

#### Lens shift area (for upside-down installation)



\*This figure is not drawn to scale.

### Digital Connectivity

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

This projector provides 4 digital inputs: HDBaseT, HDMI 1/2, and DVI-D.



### Interchangeable Lenses Options\*4

• Six lenses are available to match projection distance.

\*4 Local availability may be limited.

Lens type	Zoom ratio	Throw ratio	Screen size (Diagonal)	Weight	Lens shift *5		Projection distances*6 for optical lenses when projecting onto a 100" screen (This figure is not drawn to scale.)
					Vertical	Horizontal	
SL-61 Short Throw Lens	1.42	0.77-1.1	42.3"-300"	1.45 kg	-15% 55%	±5%	1.7 - 2.4 m
SL-62 Semi Short Throw Lens	1.18	1.1-1.3	35.8"-379.8"	1.24 kg	-15% 55%	±5%	2.4 - 2.8 m
SS-63 Semi Standard Lens	1.28	1.25-1.6	39.1"-300"	1.3 kg	-15% 55%	±5%	2.7 - 3.4 m
SD-63 Standard Lens	1.25	1.54-1.93	36.1"-211"	0.4 kg	-15% 55%	±5%	3.3 - 4.2 m
ML-64 Long Throw Lens	1.5	1.93-2.9	32.1"-481.1"	0.45 kg	-15% 55%	±5%	4.1 - 6.2 m
LL-65 Super Long Throw Lens	1.67	3.0-5.0	27.9"-309.5"	0.86 kg	-15% 55%	±5%	6.5 - 10.8 m

\*5 Upside down at ceiling mount position. "+" means that the screen shifts downwards. \*6 From the projector's front panel to screen.

### Other Features

Color management · Remote Control with ID function · Wired Remote Control · Closed Caption · Built-in Speaker · Horizontal / Vertical Keystone Correction · Digital Zoom · Direct Power On/Off · Sleep Timer · Auto Power Off · Security Lock · Keypad Lock · Web Browser Control

\*Projected images are simulations.

## Specifications

Model name	LP-WU6600	
Display system	1-chip DLP®	
Display device	Size of effective display area: 0.67" DLP® chip × 1, aspect ratio 16 : 10 Number of pixels: 2,304,000 pixels (1,920 horizontal × 1,200 vertical)	
Lens(option)	Zoom	Manual
	Focus	Manual
	Lens shift	Manual (V : -15 ~ +55%, H : ±5%)
Light source	Laser diode	
Screen size	42.3"~ 300" (SL-61), 35.8"~ 379.8" (SL-62), 39.1"~ 300" (SS-63), 36.1"~ 211" (SD-63), 32.1"~ 481.1" (ML-64), 27.9"~ 309.5" (LL-65)	
Light output (Brightness)	6,000 lm <sup>1</sup>	
Contrast ratio (full white / full black)	20,000 : 1 <sup>1</sup>	
Speaker	6W × 2 (mono)	
Displayable scanning frequency	Horizontal	15 ~ 91 kHz
	Vertical	24 ~ 85 Hz
Display resolution	Computer	WUXGA*2 (max.) *Native resolution is WUXGA.
	Video	1080P (max.) *Native resolution is WUXGA.
Terminals	HDBaseT RJ-45 jack × 1	
HDMI IN	HDMI connector × 2 (HDCP compliant) HDMI 2 supports MHL input	
DVI-D	DVI-D connector × 1	
COMPUTER IN	Mini D-sub 15-pin connector × 1, 5BNC connector × 1	
MONITOR OUT	Mini D-sub 15-pin connector × 1	
VIDEO IN	RCA connector × 1	
COMPONENT VIDEO	Mini D-sub 15-pin connector × 1, 3BNC × 1 (shared with COMPUTER IN terminals)	
3D SYNC IN	VESA 3-pin connector × 1	
3D SYNC OUT	VESA 3-pin connector × 1	
AUDIO IN	3.5mm (stereo) mini connector × 1, RCA connector (L, R) × 1	
AUDIO OUT	RCA connector (L, R) × 1	
CONTROL IN (RS232C)	D-sub 9-pin connector × 1 (for serial in for control)	
CONTROL OUT (RS232C)	D-sub 9-pin connector × 1 (serial out for Pass thru Daisy Chain)	
LAN	RJ-45 jack × 1	
REMOTECONTROL IN	3.5mm (stereo) mini connector × 1	
REMOTE CONTROL OUT	3.5mm (stereo) mini connector × 1	
12V TRIGGER	3.5mm (stereo) mini connector × 1	
USB POWER	USB type A × 1 (5V / 1.5A output)	
SERVICE	USB type B × 1 (For service)	
Operating temperature	0 - 40°C <sup>3</sup> *The brightness of light source may be reduced automatically over 35°C.	
Power requirements	AC 100V - 130V (50 / 60Hz), 7.0A AC 200V - 240V (50 / 60Hz), 3.4A	
Power consumption	AC 100V - 130V : 700W AC 200V - 240V : 700W	
Standby mode power consumption	0.5W (when Low Power Mode setting is ON.) <sup>4</sup>	
Standard outside dimension (W×H×D)	470mm × 220mm × 521mm (18.5" × 8.7" × 20.5") (Excluding lens)	
Weight	Approx. 24.5kg (54.0lbs.) (Excluding lens)	
Accessories	Remote control with batteries, Power cord, Computer cable, 3D sync cable, Wired remote cable, User's Manual (Book, CD)	
Optional parts	SL-61 (Short throw lens) HAS-L6000 (Bracket for fixing mount) SL-62 (Semi short throw lens) HAS-104S (Slim adapter for fixing mount) SS-63 (Semi standard lens) HAS-204L (Standard adapter for fixing mount) SD-63 (Standard lens) HAS-304H (Long adapter for fixing mount) ML-64 (Long throw lens) LL-65 (Super long throw lens)	

\*1: When the standard lens SD-63 is attached, and Laser Mode is set to Normal. \*2: WUXGA (60Hz) Reduced Blanking only. \*3: 0 - 35°C at altitude from 760 m to 1,520 m, 0 - 30°C at altitude from 1,520 m to 2,290 m, 0 - 25°C at altitude from 2,290 m to 3,050 m. Fan Speed setting is High at altitude from 1,520 m to 3,050 m. \*4: LAN and RS-232C are inactive in a standby state.

## Environment

- Compliance with EU Directive RoHS\*1
- Power saving mode (Low Power Mode ON) engaged during standby
- Laser mode Laser mode provides power saving.
- No use of mercury lamp

\*1 RoHS is the acronym of "Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment".

## Design and specifications are subject to change without notice.

- The projected images and comparison photos in this catalog are simulations. 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, etc.) and cooling fans have limited service lives. They must be repaired or replaced if they are used for a long period of time.
- During use and immediately after use, do not touch anywhere near the vents as these parts are extremely hot.
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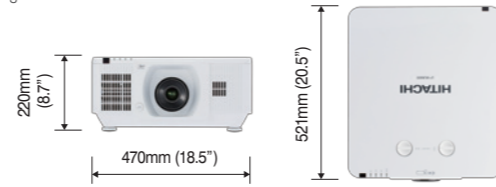
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## Dimensions

\* Image with Standard Lens SD-63 mounted.



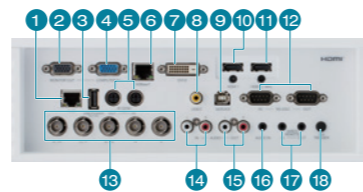
## Projection Distance



Screen size	Projection distance (meter)													
	Type		SL-61		SL-62		SS-63		SD-63		ML-64		LL-65	
80	1.7	1.1	1.3	1.9	1.9	2.3	2.2	2.8	2.7	3.3	3.2	4.9	5.2	8.6
100	2.2	1.3	1.7	2.4	2.4	2.8	2.7	3.4	3.3	4.2	4.1	6.2	6.5	10.8
120	2.6	1.6	2.0	2.8	2.9	3.4	3.2	4.1	4.0	5.0	4.9	7.4	7.8	12.9
150	3.2	2.0	2.5	3.6	3.6	4.2	4.0	5.2	5.0	6.3	6.2	9.3	9.7	16.2
200	4.3	2.7	3.3	4.7	4.8	5.6	5.4	6.9	6.6	-	8.2	12.4	12.9	-
300	6.5	4.0	5.0	-	7.1	8.4	8.1	-	-	-	12.4	18.7	19.4	-

Screen size	Projection distance (inch)													
	Type		SL-61		SL-62		SS-63		SD-63		ML-64		LL-65	
80	68	42	52	75	75	89	85	109	105	132	128	194	204	339
100	85	53	65	93	94	111	106	136	131	164	161	243	254	424
120	102	64	78	112	113	133	127	163	157	197	193	292	305	509
150	127	79	98	140	141	166	159	204	196	246	242	366	382	636
200	170	106	131	187	187	221	212	271	262	-	324	489	509	-
300	254	159	196	-	281	331	318	-	-	-	488	735	763	-

## Terminals



1. RJ45 2. MONITOR OUT 3. USB POWER 4. COMPUTER IN (Mini D-sub) 5. 3D SYNC 6. HDBaseT  
 7. DVI-D 8. VIDEO 9. SERVICE 10. HDMI 1 11. HDMI 2 / MHL 12. RS-232C 13. COMPUTER IN (5BNC)  
 14. AUDIO IN (L/R) 15. AUDIO OUT (L/R) 16. AUDIO IN 17. WIRED REMOTE 18. 12V TRIGGER

\* This 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)

LASER RADIATION	LASERSTRALUNG
AVOID DIRECT EYE EXPOSURE CLASS 3R LASER PRODUCT Wavelength : 450-460 nm Max. Pulse energy: 0.696 mJ. Pulse duration: 1.34 ms IEC/EN 60825-1:2007	DIREKTE EXPOSITION DER AUGEN VERMEIDEN LASERPRODUKT DER KLASSE 3R Wellenlänge : 450-460 nm Max. Pulsenergie: 0.696 mJ. Pulsdauer: 1.34 ms IEC/EN 60825-1:2007
RAYONNEMENT LASER ÉVITER D'EXPOSER DIRECTEMENT LES YEUX PRODUIT LASER DE CLASSE 3R Longueur D'onde : 450-460nm Énergie D'impulsion Max. : 0.696 mJ. Durée de l'impulsion : 1.34 ms IEC/EN 60825-1:2007	雷射輻射 避免眼睛受到直接照射 3級雷射產品 波長 : 450-460nm 最大脈衝能量: 0.696 mJ 脈衝持續時間: 1.34 ms IEC/EN 60825-1:2007

## LASER Projector

**HITACHI**  
Inspire the Next



Equipped with a long-life laser light source. Opening the door to new possibilities with an assortment of projection lenses.



LP-WU6600



\*Projected images are simulations

\*Projector image with Standard Lens SD-63 mounted. \*The lens of the projector is sold separately.