

Why Choose LED?



LPWU3500
LPWX3500

Hitachi's
first in class
LED Light Source
Projector

20,000 hours of
continuous
projection



Introducing the World's First 3500*¹ Lumen LED Projector

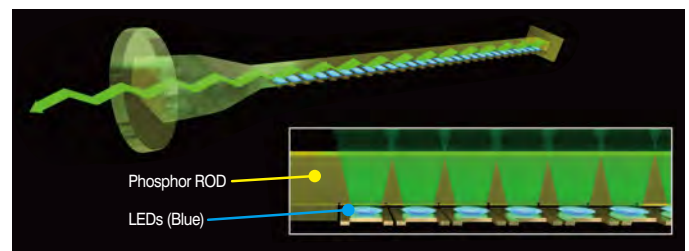
Hitachi's new Ultra Solid Engine Projector is the result of decades of technical experience and knowledge all coming together to produce an LED Projector with high quality images, maintenance free and low total cost of ownership.

New Technology

The very latest High Lumen Density (HLD) technology means the LPWX3500/WU3500 is first LED (non-hybrid) projector to reach new, higher levels of brightness. This works by channelling blue LED light into a phosphor rod, where it is discharged as a bright green light. Working in tandem with high brightness red and blue LED lights, it achieves an impressive 3,500 lumens and a 30,000:1 contrast ratio.

This of course results in amazing picture quality, giving you a truly breath-taking image, with crisp, clear, bright colours. LED technology means images will continue to remain vibrant even after thousands of hours of projector use, with none of the deterioration or colour decay you might associate with a lamp projector.

*1 As of December 2016. Researched by Hitachi Maxell. *2 Not guaranteed value. Depends on the environment to use.



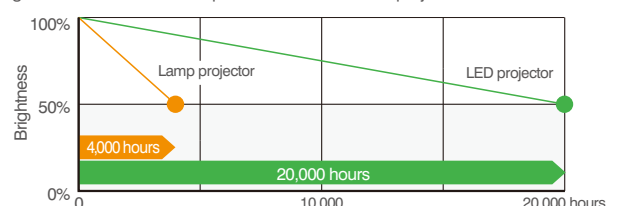
A Low Total Cost of Ownership

When investing in a new projector it's important to consider the total cost of ownership, and not just the initial purchase cost. Replacing traditional mercury lamps for example, can be a major expense.

However, the LEDs in an LED projector have a much longer life than traditional projector lamps. Hitachi's LED Projector Series boasts a system life of up to 20,000 hours*², so the LED light source will last the entire life of the projector without needing replacement. This alone should make LED Projectors a much more reliable and cost-effective option in the long run.

*2 Not a guaranteed value. When LIGHT OUTPUT is set to HIGH.

Brightness Deterioration Comparison between Hitachi projectors.



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

High Reliability – Low Maintenance

There's no need for a warm-up or cool-down period with an LED projector because LEDs are so much more energy efficient than traditional light sources. You are able to turn it on, turn it off, and turn it straight back on again without fear of damaging the 'lamp'.

LED Projectors also operate much more quietly than other projectors, creating a better user experience for both you and your audience. There'll be no dust filters to change because LED projectors feature dust-resistant optical sealed engines. These cut down on common projector maintenance issues by preventing dust from interfering with the interior parts.

Improving Your Green Credentials

We consider the environmental implications when we buy cars, houses, washing machines, along with a host of other items – and now it's also something we can consider when we are looking at projectors.

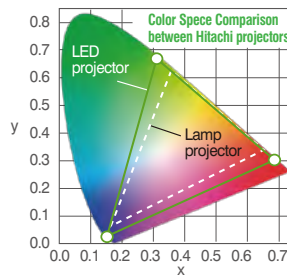
With no phosphor wheel, no mercury, no colour wheel and no lamp, LED Projectors not only use less energy than other types of projectors, they create less waste, such as old lamps for instance, making them easier on the environment and cheaper to run.

Summing Up

- Amazing professional picture quality – with bright, vibrant images, and no colour decay
- Reduced maintenance and operating costs will save time and money for users
- Quiet and extremely energy efficient - No warm up & cool down period is needed
- 3500 Lumens means a whole new level of LED brightness
- Highly reliable – The LED light source will never need to be replaced
- Durable – Traditional lamps can be fragile and easily broken during transportation
- Environmentally friendlier than earlier lamp projectors

Covering the wide range of Color Space produces more vibrant colors with more accurate color reproduction.

* When LIGHT OUTPUT is set to MID.



About Hitachi Digital Presentation Solutions

We offer an extensive range of products that are designed to help educators and professionals alike, deliver digital content in a way that's both efficient and impactful.

- **Data Projectors:** A full range of data projectors including Ultra Short Throw, LED, Laser and Large Venue projectors.
- **Interactive devices:** Interactive projectors or LCD flat panels, choose what's right for your needs.

Using our advanced knowledge and experience of both visual and interactive hardware and software we can craft the right solution, for the right environment and requirements.

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