

LED WALLS vs. PROJECTORS

IN YOUR PERFORMANCE SPACE

LED walls are becoming the new standard for displaying video. With a brighter image, LED walls offer a more economical, reliable and flexible platform than projectors.

BRIGHTNESS

Projectors and LED walls have different systems for measuring light and brightness.

LIGHT MEASUREMENT SYSTEMS

Projector

LUX

Projection light is measured in lux. Lux is the measurement of reflected light.

LED Wall

NIT

LED light is measured in NIT. NIT is the measurement of direct light.

3.426
LUX

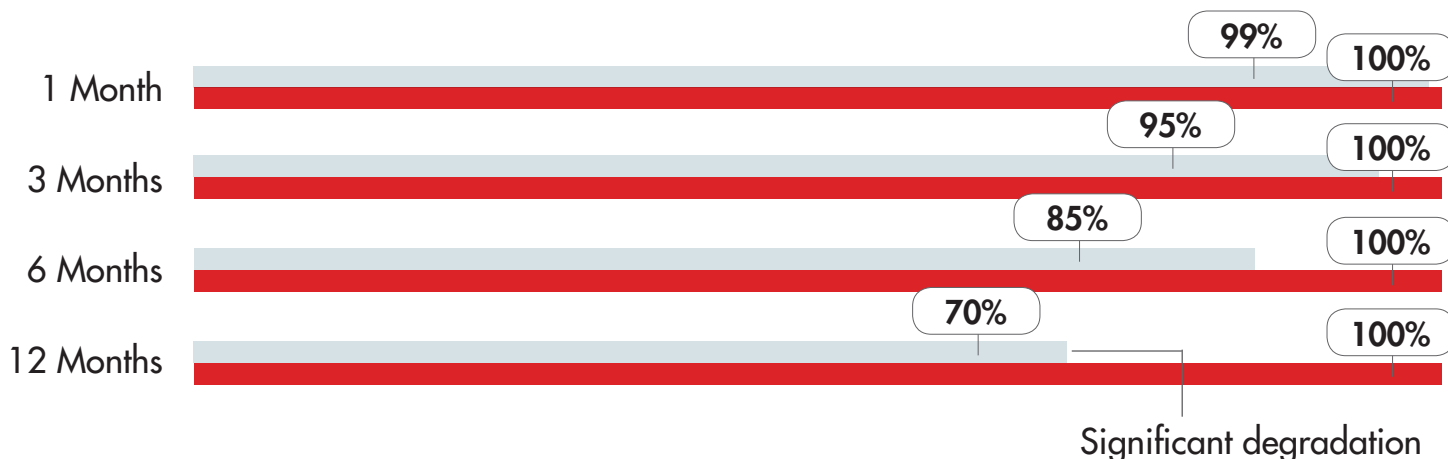
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1
NIT

What does this mean? Basically, a NIT is much brighter.

LIGHT OUTPUT COMPARISON

Projector LED Wall



Most performance spaces only need to run the LED wall at 20 – 30% brightness. This means they can last even longer.

CREATIVE FUNCTIONALITY

CONFIGURATION OPTIONS

Projector

1

LED Wall

UNLIMITED

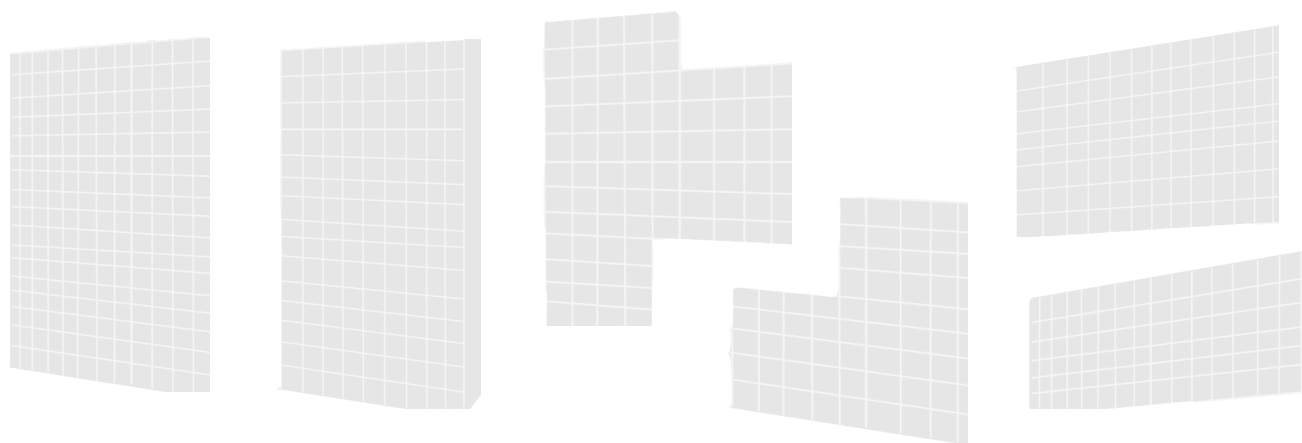
LED WALL ADVANTAGES

MODULAR

MOBILE

CUSTOMIZABLE

FLEXIBLE

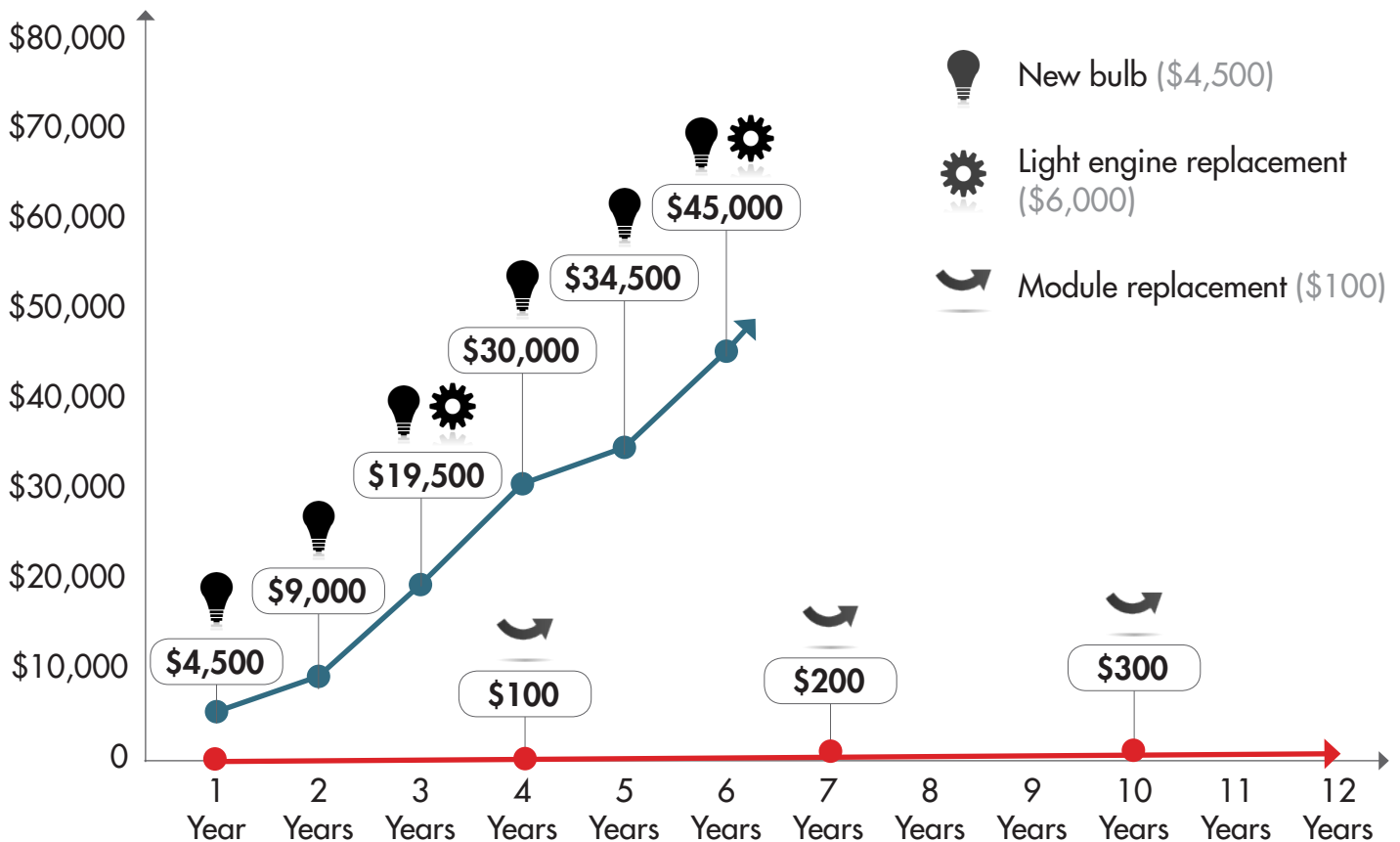


LED WALLS vs. PROJECTORS In Your Performance Space

COST COMPARISON

- Projector
- LED Wall at 100% brightness

LONG-TERM MAINTENANCE COSTS



AVERAGE LIFE SPAN



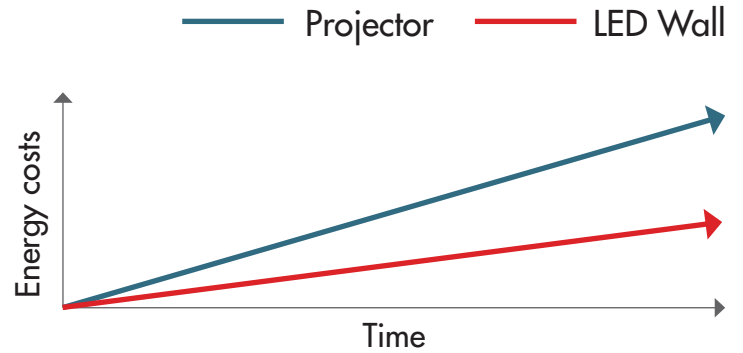
INITIAL COSTS

For similar quality and size, LED walls are generally 15% – 20% more expensive upfront than projectors. But, industry-wide LED wall initial costs are rapidly decreasing.

ENERGY COSTS

1/2

On average, LED walls require half as much power as projectors, saving on energy costs each year.



BREAK-EVEN POINT

2 YEARS

While LED walls require a higher initial investment, the additional maintenance and power costs for projectors quickly outpace that of LED walls. In nearly every situation, the break-even point occurs at 2 years.

IMAGE QUALITY

HD MIGRATION

Standard definition is quickly becoming obsolete, and many projectors are still in SD. LED walls will support your video system long-term with HD technology.

	Higher Efficiency	Higher Contrast	Higher Brightness
Projector	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
LED Wall	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Not a big fan of projectors, a lot of maintenance, cleaning, expenses...The LED wall was a possibility we thankfully said 'yes' to push forward. Hopefully one day we will get rid of all of our projectors.

Bryan May, Video Director at Grace Family Church

CONVENIENCE

LED walls offer numerous conveniences that projectors do not.

PROJECTOR

Ambient light drastically affects viewability of the image.

A significant amount of physical space is required to house both the projector and screen.

Once set up, projectors and screens are very difficult to move for different functions.

If something isn't working, there are several possible causes, most of which require sending in the unit for an expensive, time-consuming repair.

VS.

There are no ambient light considerations. An LED wall can be displayed in a well-lit room or even outdoors. ✓

VS.

An LED wall is inches thin and can easily be lowered or moved into a small space. ✓

VS.

An LED wall can easily and quickly be torn down and rebuilt in any location and configured for multiple uses. ✓

VS.

Most LED wall repairs involve a simple change in programming software or just unscrewing the module of a broken bulb and popping in a new one. ✓



Mankin Media connects partners around the world with LED wall video solutions. Contact us anytime to learn how to specifically amp up your performance space and cut costs with LED.

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