

UDM

Light and compact laser projectors for venues and events



Best of all worlds

UDM-4K2

Uncompromised design.

The list of benefits of our new game changing UDM platform is endless. Technical superiority, maximum ease-of-use, astonishing versatility... We made zero concessions to give you the best there is.

So why choose, if you can have it all?

Small projector AND big performance

When purchasing a new projector, the size and weight of the unit is often the factor that tips the scales. Minimize your costs with the extremely **light-weight** and **compact** UDM. It facilitates easy installation and takes up less space on the shelf or during transport.

But while a small and light design can save you lots of money and time, it should never compromise on the quality or **brightness** of your projection. Deliver impactful 4K experiences with mind-blowing color performance thanks to the **widest color spectrum** for 22K laser phosphor projection on the market outperforming the Rec. 709 color space.



Robust AND flexible design

Just like our unbelievable UDX, the UDM is specifically built to withstand the endurances of hard life on the road. Thanks to its **rugged design** and the smart material choices, you can trust your investment to stand the test of time.

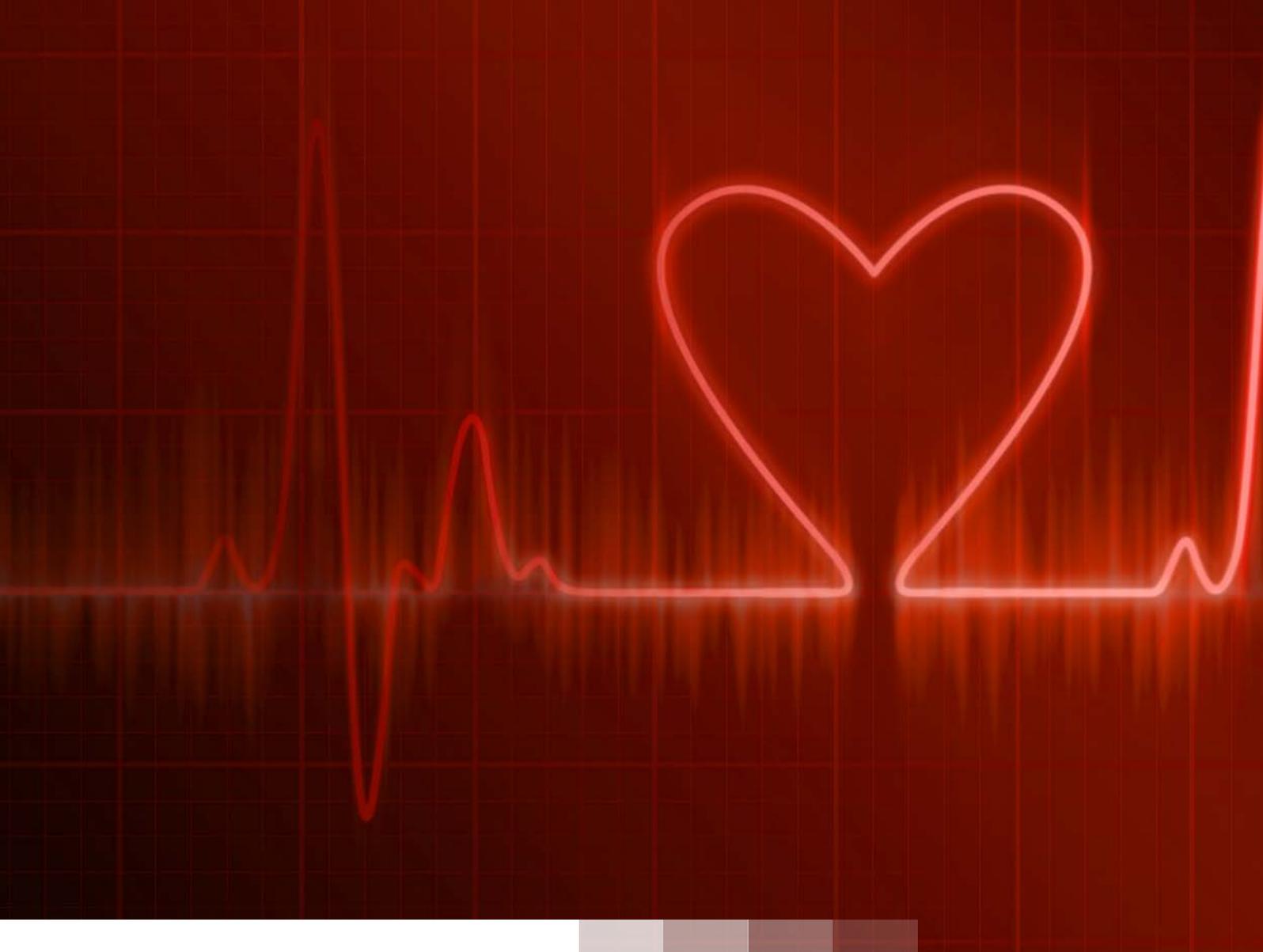
In addition, Barco's UDM is also the undisputed champion in **flexibility**. Lift your creativity to unprecedented levels with the widest lens shift on the market, a unique 90° **ultra-short throw lens**, and an extensive list of available accessories. Deliver superior quality in the most diverse setups without complicating the process for your crew members.

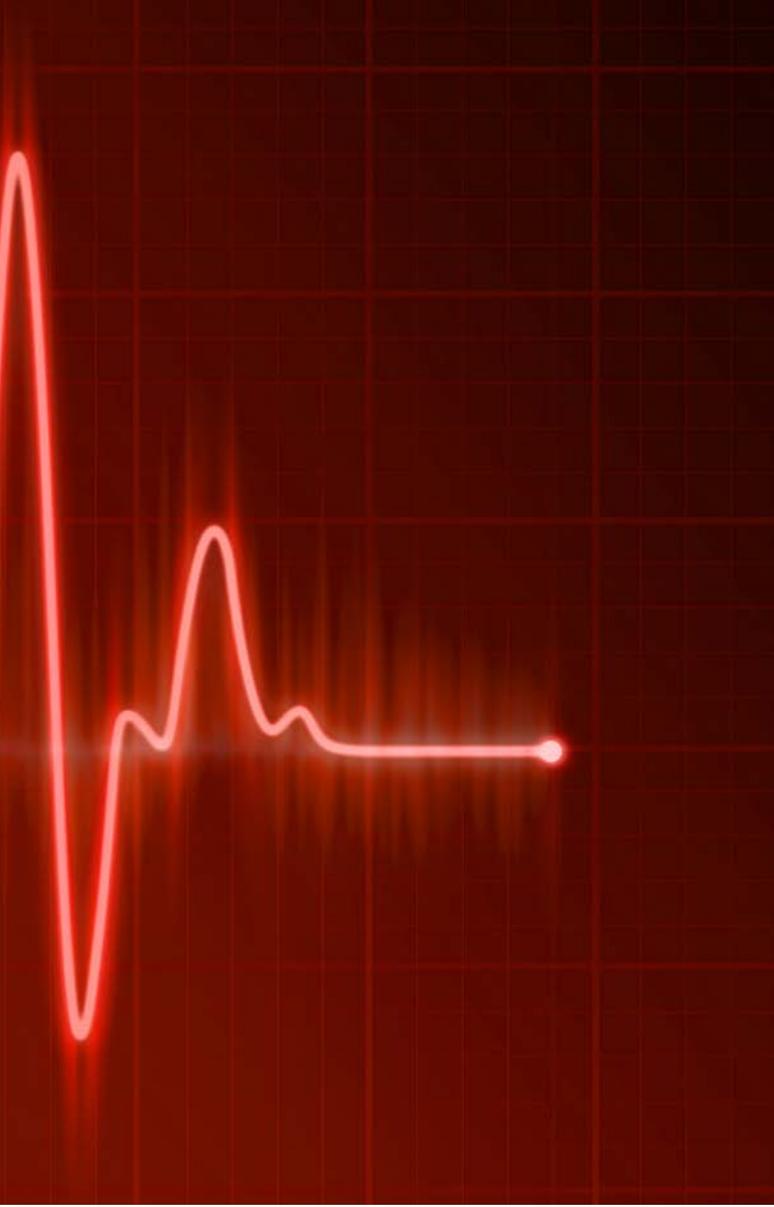


Uncompromised impact.

Remote AND close serviceability

Allowing for fast troubleshooting and efficient fleet management, the UDM's **connectivity** offers complete peace-of-mind when creating memorable experiences. At the same time, the UDM's clever design supports easy serviceability in the field. Its **modularity** ensures fast and simple maintenance and maximum uptime.





Barco Pulse

The beating heart of the UDM projectors? That's the Barco Pulse processing! **Barco Pulse** is the powerful 4K electronics backbone that's integrated in all our new projectors. It offers an intuitive interface and flexible, user-friendly, embedded control software.

The proprietary **Single Step Processing (SSP)** technology enables our projectors to perform warping, scaling and 4K Ultra High Definition (UHD) processing in only one step. This results in sharper images, market leading lowest latency, and less dark time than comparable solutions.

Insights

The UDM comes with standard integrated connectivity and compatibility with the **Insights dashboard**. This new Barco developed cloud-based platform will offer detailed insights in your Barco equipment performance. The Insights dashboard enables remote log file access for faster and more effective problem diagnosis. The data can be effortlessly integrated and combined with your current software tools and processes. Manage the FLEX² settings of your projector fleet and keep track of operating conditions anywhere and anytime through a secured cloud-based platform and integrated 3G connectivity.

UDM. M is for more.

Increase your return on investment and maximize the utilization of your projector fleet with the help of following UDM features and peripherals.

Reuse your lenses

There's no need to replace your existing lens fleet or invest in new lens gear. If you've selected our high-quality, glass **TLD+ lens range** with variable throw ratio in the past, you can reap the benefits from your investment again and reuse the lenses on the UDM projectors.



Pick your brightness and resolution

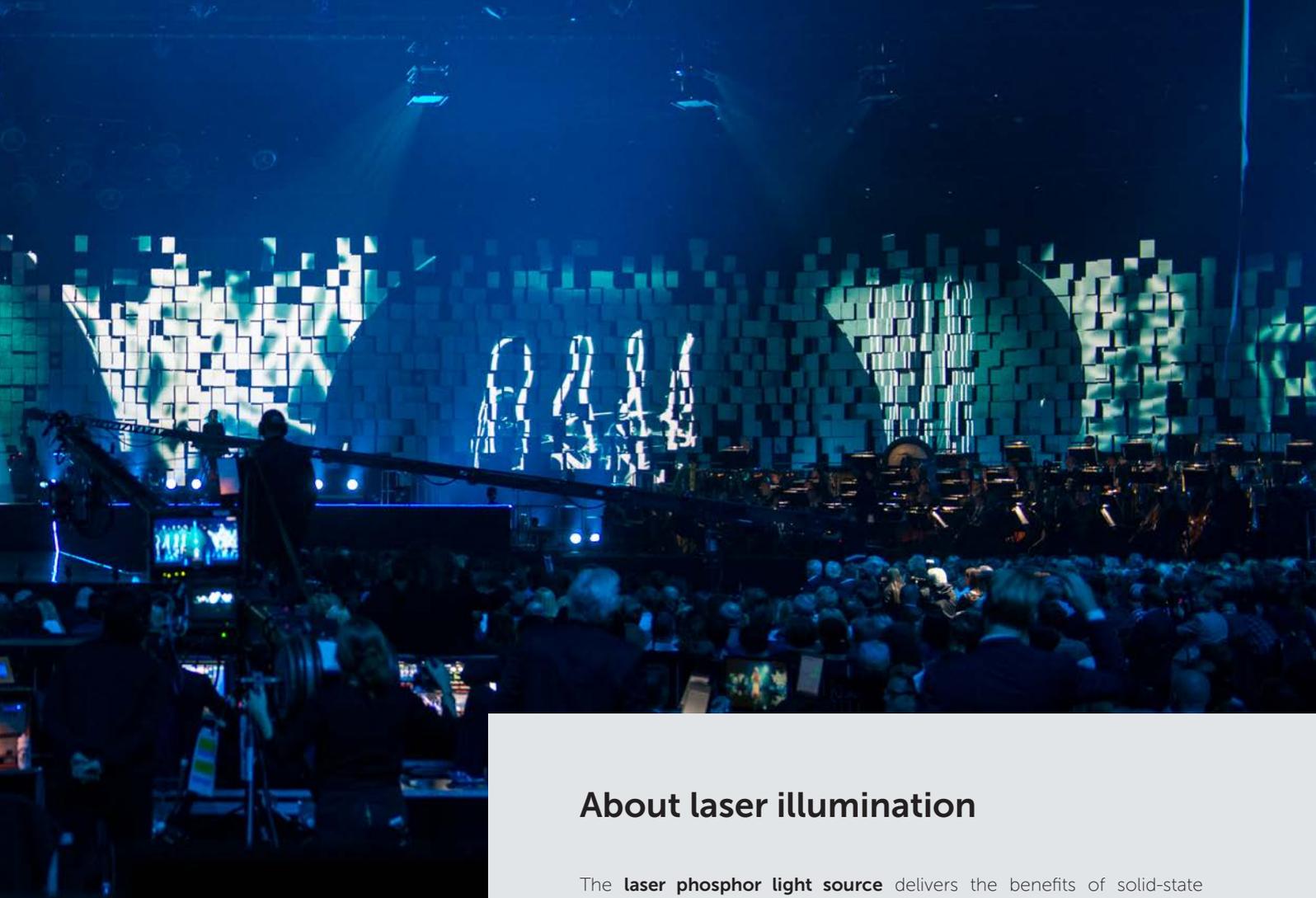
The UDM platform comes with Barco's unique **FLEX² feature**, which allows you to tune and lock the brightness level for a specific show. So you can cover a wider range of applications with fewer projectors.

Rigging and stacking? Done in a breeze.

The **motorized rental frame** offers an easy and flexible solution for stacking and hanging projectors, and allows for quick remote adjustments.

The Barco 90° UST lenses can be used with the rental frame.





About laser illumination

The **laser phosphor light source** delivers the benefits of solid-state illumination in a cost-effective and compact way, which is required for the live events and large venue market applications. Lamp-related costs and maintenance as well as image flicker, belong to the past. What's more, Barco's outstanding integrated **laser cooling** prevents unexpected downtime caused by overheating and extends the projector's lifetime.

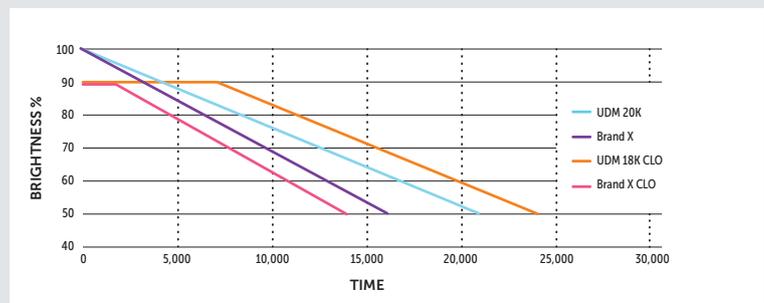
The UDM is designed to run more than 20,000 hours without compromising on color or brightness consistency. Barco's **Constant Light Output** helps managing the brightness levels of your rental fleet. It allows you to achieve constant brightness across your unit's rental lifetime. But CLO also offers the opportunity to adjust the brightness across multiple units with different lifetimes for perfect blending results and efficient fleet management.

Fiber input card

Replace the external fiber converter boxes that are being used today with a **built-in fiber solution** for 4K distribution over long distances. Get rid of redundant complexity and avoid signal drop-outs caused by weak chain components.



LIGHT SOURCE LIFETIME



UDM-W22

Specifications (preliminary)



| | UDM-4K22 | UDM-W22 |
|------------------------|--------------------|--------------------|
| LIGHT OUTPUT | 21,000 lumens | 21,000 lumens |
| RESOLUTION | 3,840 x 2,400 | 1,920 x 1,200 |
| CONTRAST | 2,000:1 | 2,000:1 |
| BRIGHTNESS UNIFORMITY | 95% | 95% |
| WEIGHT | 50 kg | 50 kg |
| DIMENSIONS (L x W x H) | 740 x 570 x 360 mm | 740 x 570 x 360 mm |
| NOISE LEVEL | 49 dB | 49 dB |
| LASER SOURCE LIFETIME | 20,000 hrs | 20,000 hrs |
| LENSES | TLD+ lenses | TLD+ lenses |
| PROCESSING | Pulse processing | Pulse processing |
| ORIENTATION | 360° | 360° |

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ENABLING BRIGHT OUTCOMES

BARCO