

Transform the **ordinary**.

The future is here — **laser** projection from Optoma.



Touchboards

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Optoma

Brilliant by design.



Flexible, reliable and cost-efficient, laser projectors by Optoma are designed to deliver powerful punches: offering stunning colors and brightness, impressive image performance and the ultimate in flexibility for every installation.

ZU850

ZU650+

ZH510T-B

ZU510T-B

ZU510T-W

ZH400UST

ZW300UST

ZW300USTi



Why **laser**?

A world-leading designer and manufacturer of projection and audio products for business, education, professional audio/video and home entertainment, Optoma champions a wide range of professional laser projectors.

Key advantages of Optoma laser projectors:

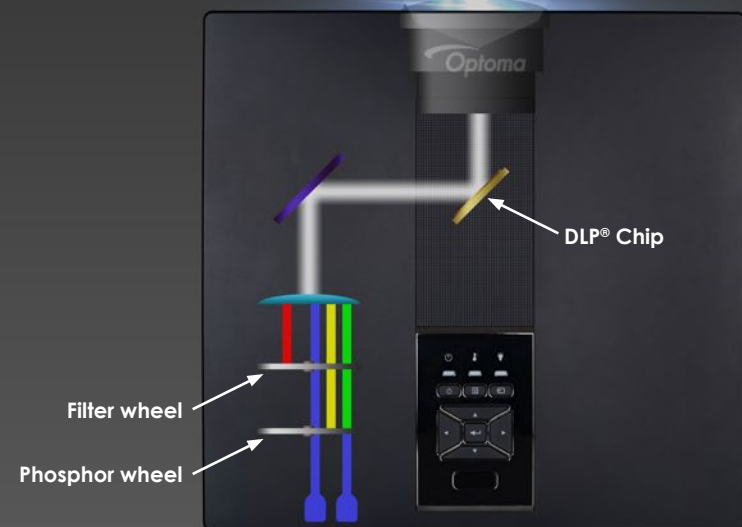
- ✓ State-of-the-art picture and color performance
- ✓ 20,000+ hours of virtually maintenance-free operation
- ✓ Instant power on/off
- ✓ Versatile installation capabilities
- ✓ High brightness and contrast
- ✓ Ultra short throw and interchangeable lens options
- ✓ Built-in HDBaseT models



What is **laser** phosphor?

Laser phosphor is a lamp-less illumination technology that uses blue laser diodes as the light source instead of a lamp to illuminate the DLP® chip. The laser diodes shine blue laser light onto a phosphor wheel to create yellow light, while the blue laser light passes directly through an opening in the phosphor wheel and then through a diffusion window on the filter wheel. Red and green colors are created when the yellow light passes through the corresponding section of the filter wheel. These colors are then directed onto the DLP® chip.

Optoma uses DLP® technology for its highly acclaimed image quality and unmatched reliability. The DLP® chip can vary in resolution and size and can contain a rectangular array of over eight million micro-mirrors. Each of these micro-mirrors reflect light through the projector lens and onto the projection surface, creating a high contrast, brilliant image.



Ultimate **color** performance.



MultiColor
LASER

Providing incredibly bright, rich and dynamic images, Optoma laser projectors with MCL (MultiColor Laser) technology, feature a color gamut that covers 99% of Rec.709 standard to deliver vivid and vibrant colors.



Precision engineering.

Independent IPX dust-certified

Dust-resistant, independently-certified to IEC standards with either a rating of IP5X or IP6X, the projected images remain as detailed as the first day they were installed.

Quiet operation

Advanced cooling and energy-efficient design enables exceptionally quiet operation.

Continuous 24/7 operation

Designed for continuous 24/7 operation; only the most dependable, industry-proven components are used for ultimate reliability.

Maintenance-free

With virtually no maintenance required, the total cost of ownership is significantly reduced, free from lamp replacements, labor and downtime.

Compact and lightweight

Higher thermal cooling efficiency enables a compact light weight.

Versatile installation

Images can be projected over a full 360 degree range along the vertical axis, including reproduction on a ceiling or floor. The projector can also be placed in portrait mode for applications such as digital signage or for areas with restricted space.

Advanced cooling

DuraCore technology by Optoma boasts innovative laser diode cooling architecture which prolongs the lifetime of the optical engine.

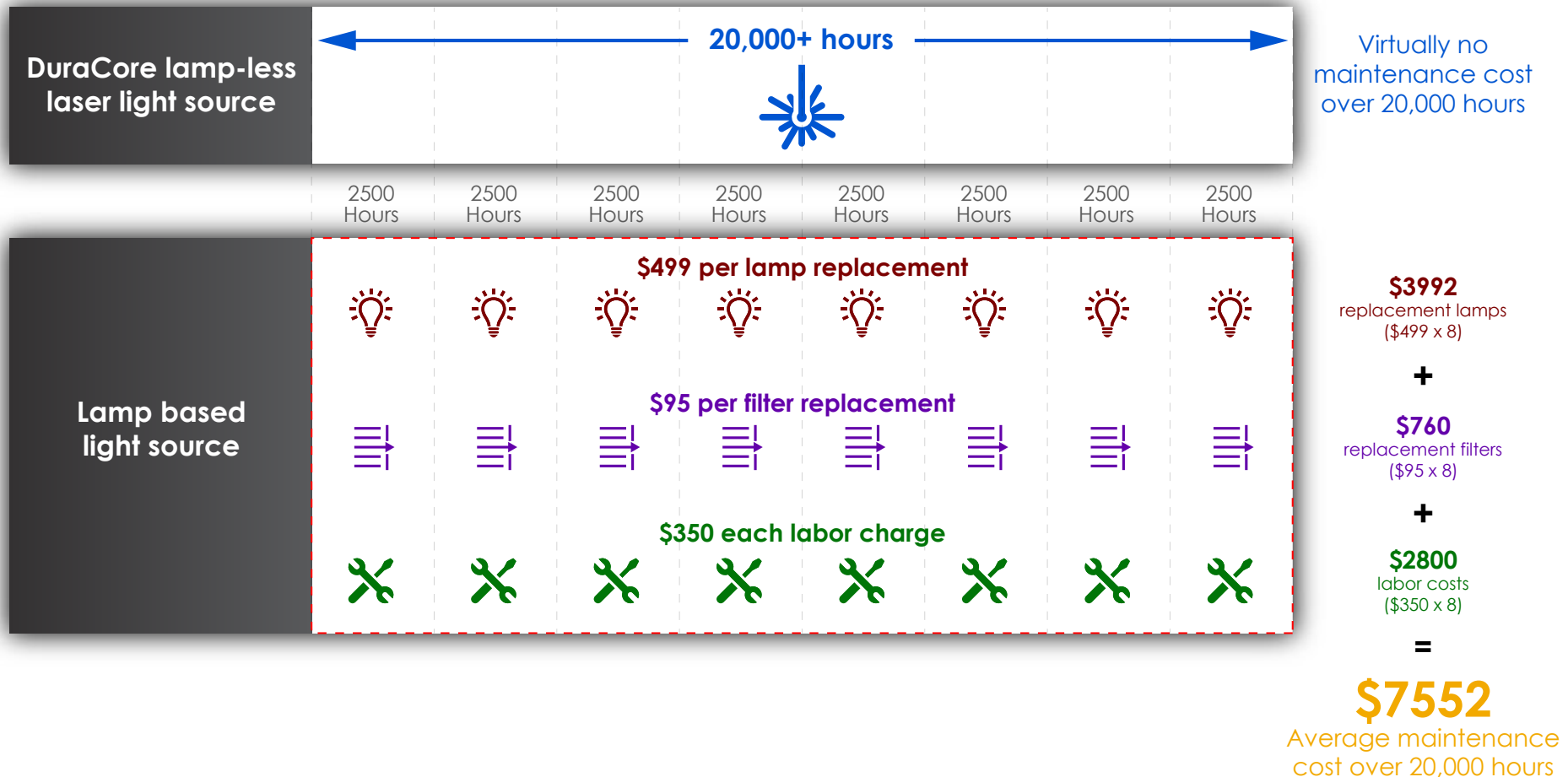


Unique to Optoma, DuraCore laser technology delivers an industry-leading light source lifetime, boasting 20,000+ hours of consistent brightness, 24/7 continuous operation and an independent IP dust-resistant certification.

Low total cost of ownership.

20,000+ hours of lamp-free operation

Featuring reliable and virtually maintenance-free operation surpassing 20,000 hours, laser projectors by Optoma make big contributions to every bottom line offering big savings on the cost of replacement lamps, filter changes, labor costs and downtime.



Get **connected.**

Built-in **HDBT™** compatibility.

Optoma laser projectors featuring HDBaseT offer an uncompressed signal that's ideal for environments requiring longer cable runs. Models include: [ZU850](#), [ZU650+](#), [ZU510T-W](#), [ZU510T-B](#), [ZH510T-B](#)

Boardroom: Transmitting ultra high-definition video & audio, HDBaseT projectors are ideal in large corporate spaces.

Classroom: Perfect for campus lecture halls, HDBaseT projectors eliminate cable clutter without compromising performance.

Houses of Worship: Providing superior digital connectivity, HDBaseT projectors serve all types and sizes of congregations.

Hospitality or Healthcare: Deployed in hotels and conference rooms, HDBaseT projectors bring meeting spaces to life.

[4K100TX](#): The ultimate **HDBaseT** accessory add-on.

Compatible with all Optoma HDBaseT enabled projectors, the Optoma 4K100TX seamlessly integrates with any HDMI enabled source device to deliver uncompressed UHD or Full HD video and audio via one CAT cable.



Do anything **projection**.

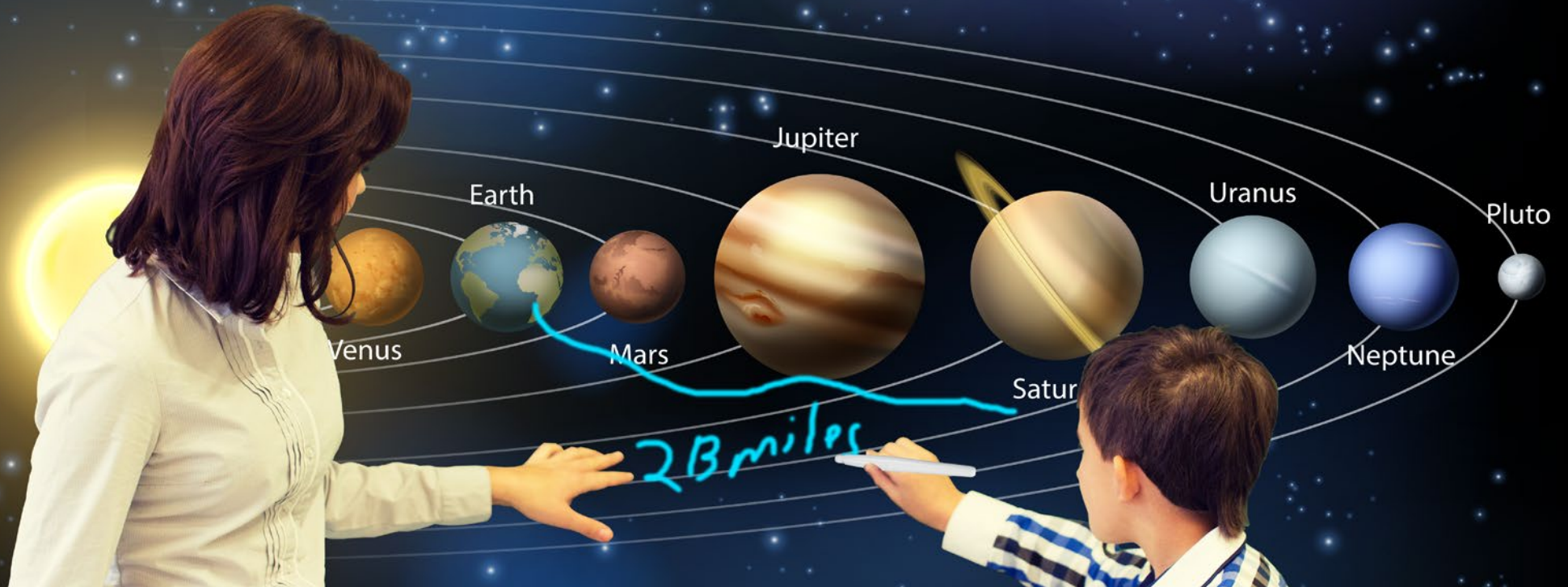
Maximum performance for every application.

Requiring minimal maintenance and featuring 20,000+ hours of virtually maintenance-free operation, laser projectors by Optoma are ideal for use in:

- ✓ Classrooms & lecture halls
- ✓ Retail & digital signage
- ✓ Museums & public display
- ✓ Boardrooms & meeting spaces
- ✓ Entertainment venues
- ✓ Houses of worship



Hands-on **interactivity.**



CLASSROOMS & LECTURE HALLS

Combining reliability and flexibility with stellar image performance, laser projectors by Optoma combine impactful visuals with interactive experiences to reach students all the way in the back row.

Recommended models: [ZH400UST](#) [ZW300UST](#) [ZW300USTi](#)

Installation versatility.



RETAIL & DIGITAL SIGNAGE

An excellent solution in commercial signage and display applications, laser projectors by Optoma offer 24/7 operation plus the ability to mount in any 360 degree orientation, including vertically.

Recommended models: [ZH400UST](#) [ZW300UST](#) [ZU510T-B](#) [ZU510T-W](#) [ZU850](#)

Engage every audience.



MUSEUMS & PUBLIC DISPLAY

Ideal for museums and displays where light source longevity and low maintenance are key, laser projectors by Optoma offer high brightness and spectacular image quality.

Recommended models: [ZH400UST](#) [ZU510T-B](#) [ZU650+](#) [ZU850](#)

Unmatched reliability.



BOARDROOMS & MEETING SPACES

Designed and built to suit the demanding requirements of the most complex professional venues, laser projectors by Optoma deliver maximum performance, flexibility and reliability to enhance every corporate meeting space.

Recommended models: [ZH400UST](#) [ZU510T-B](#) [ZU650+](#) [ZU850](#)

Renewed **spirit** for every sanctuary.

HOUSES OF WORSHIP

Key to every Environmental Projection worship experience, laser projectors by Optoma deliver cutting-edge visuals to every seat in the house.

Recommended models: [ZU510T-W](#) [ZU650+](#) [ZU850](#)



Optoma **laser** projectors.

	 ZU850	 ZU650+	 ZH510T-B	 ZU510T	 ZH400UST	 ZW300UST	 ZW300USTi
Contrast Ratio	2,000,000:1 <i>(extreme black enabled)</i>	2,000,000:1 <i>(extreme black enabled)</i>	300,000:1 <i>(extreme black enabled)</i>	300,000:1 <i>(extreme black enabled)</i>	100,000:1 <i>(dynamic black enabled)</i>	100,000:1 <i>(dynamic black enabled)</i>	100,000:1 <i>(dynamic black enabled)</i>
Native Resolution	1920 x 1200	1920 x 1200	1920 x 1080	1920 x 1200	1920 x 1080	1280 x 800	1280 x 800
Brightness	8000	6000	5400	5500	4000	3200	3200
Light Source	Laser phosphor	Laser phosphor	Laser phosphor	Laser phosphor	Laser phosphor	Laser phosphor	Laser phosphor
Light Source Expected Lifetime	20,000 hrs	20,000 hrs	20,000 hrs	20,000 hrs	20,000 hrs	20,000 hrs	20,000 hrs
IP Rating	IP6X	IP5X	IP5X	IP5X	IP5X	IP5X	IP5X

Optoma **laser** accessories.



Ceiling Mounts



Remotes



3D Accessories



Cables



Lenses



Carry Bags



Wireless

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