Full HD 4,500 ANSI Lumens Laser Projector

LS830

Laser Phosphor．20,000 hours lifespan．0.23 ultra short throw

Powered by a Laser Phosphor light source system, the ViewSonic LS830 laser projector provides resource efficiency solution when compared to traditional lamp-based projectors. Pure laser lasting up to 20,000 hours which delivers long-term, virtually maintenance-free usage. Featuring 1920x1080 Full HD resolution and 4,500 ANSI Lumens of brightness, the ViewSonic LS830 Laser Projector is the ideal solution for high-end retail and luxury commercial use. With an ultra-short 0.23 throw ratio the LS830 can be placed just inches away from a wall or screen to project a huge image. High contrast ratio and pure laser light source displays superior image quality than other DLP projectors.

Resouce Efficiency
Long-term, virtually maintenance-free usage

Laser Phosphor Technology

Unlike traditional lamp based projectors, LS830 is designed with a laser phosphor light source which

provides virtually maintenance-free usage for a lower overall total cost of ownership.

Long-lasting Lifespan

The laser light source offers 20,000 hours of maintenance free operation, delivering reliable long-term performance with no degradation in brightness over time so that your installations are consistently vibrant.

High Brightness

Packed with 4,500 ANSI Lumens, this projector is guaranteed to produce ultra-high brightness images that will easily accommodate even the largest spaces with high ambient light.
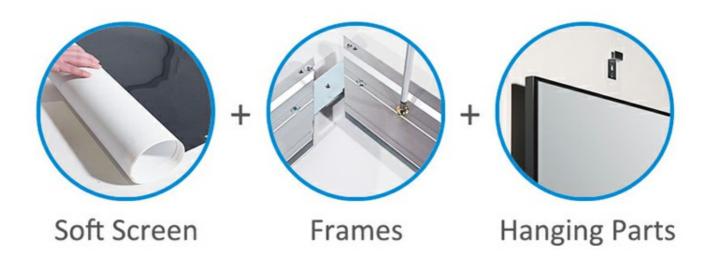
Ultra-Short Throw Allows for Ultimate Flexibility

0.23 ultra-short throw lens allows for simple and flexible set up. Placing it as close 21cm away from a wall will project a 100" image and give the projector a subtle presence.
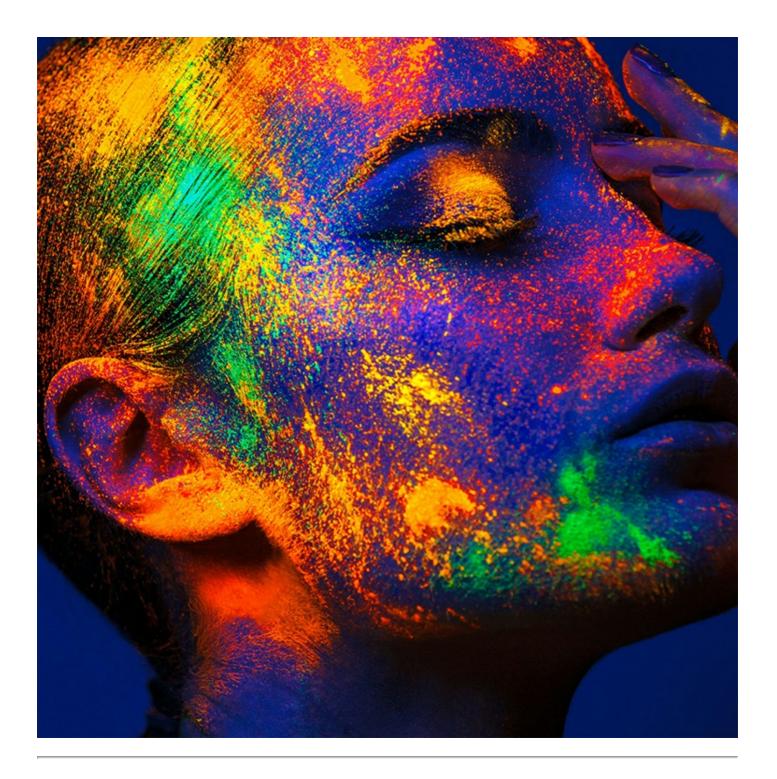
Shipping and Installation Made Easy

The design of optional BrilliantColorPanel™ is light and easy to transport, consisting of a roll-able soft screen that weighs in at a mere 12.5kgs (100"), making shipping and installation simple.

Soft Screen + Frames + Hanging Parts

Stunning Viewing Experience
Stand Apart From the Rest With Unrivaled Image Quality
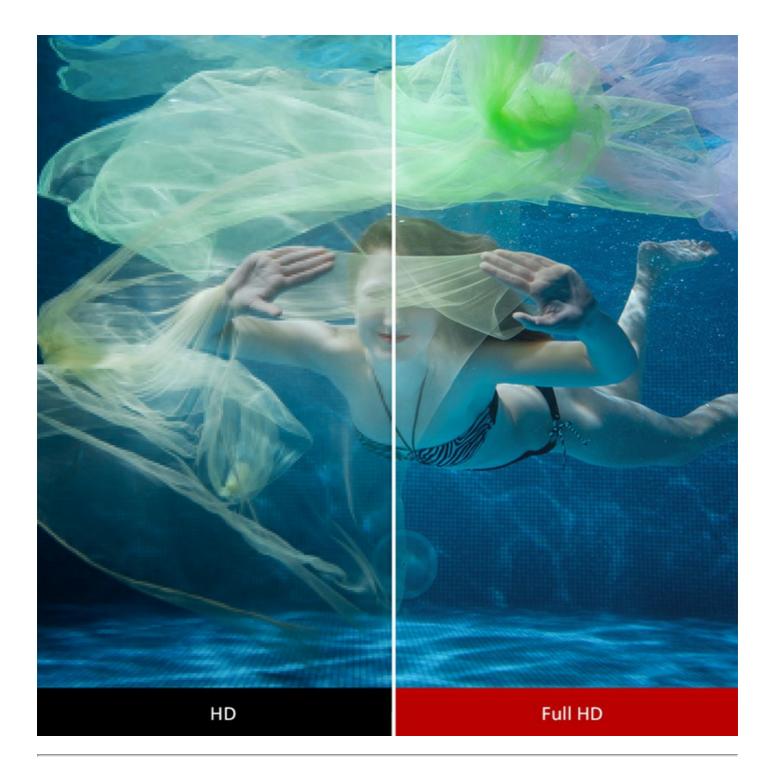
Wide Color Gamut

Laser phosphor technology provides wide color gamut coverage, delivering high-brightness and precision detail with deeper, richer colors.
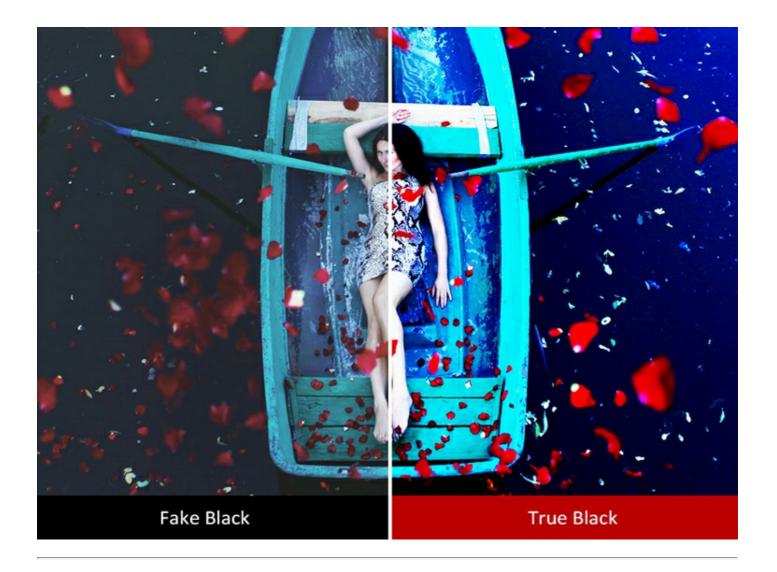
Stunning Clarity and Colors

LS830 features Full 1080p HD color resolution for a sharp, colorful picture without pixel distortion.

Ultra-high Contrast Ratio

Boasting a 100,000:1 ultra-high contrast ratio, even the finest shades of color are enhanced – a key characteristic for delivering razor-sharp images.

Fake Black · True Black

Bring excellent clarity and datil to you

A Spectacular Visual Sensation
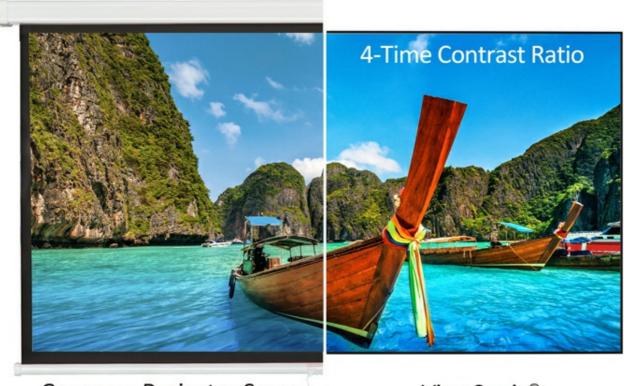
With options in 100" and 120" BrilliantColorPanel™ , it outputs at a 16:9 aspect ratio and offers your audience a stunning viewing experience that lends itself to the phrase bigger is better.

A Truly Immersive Experience

The optional BrilliantColorPanel™ achieves a contrast ratio 4-times higher than that of an average projector screen and helps to eliminate washed out images.

Common Projector Screen

4-Time Contrast Ratio

ViewSonic® BrilliantColor™ Panel

Stunning Display in Bright Environments

Engineered with innovative panel technology, the ridged surface of optional BrilliantColorPanel™ is designed to deflect 90% of ambient light while leaving the color being displayed on the screen unaffected.

Experience Exceptional Sound Quality
Rich and powerful, entering a new wave of projection sound

Powerful Speaker Design, Powerful Sound

LS830's speaker system comes equipped with a 3" mid-range speaker paired with a 1" silk tweeter for achieving a more balanced, lifelike sound quality. The speaker's ported design allows sound to be thrown further for louder, more concentrated sound.

Speaker port   3" Mid-range speaker

1" Silk tweeter

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SonicExpert® Technology for Best-in-Class Sound

Unlike traditional projector speakers, LS830's high-volume chamber with ViewSonic's proprietary SonicExpert® technology delivers the absolute best-in-class sound for a premium audio experience.

ViewSonic Laser Projector   Other Projector Brand
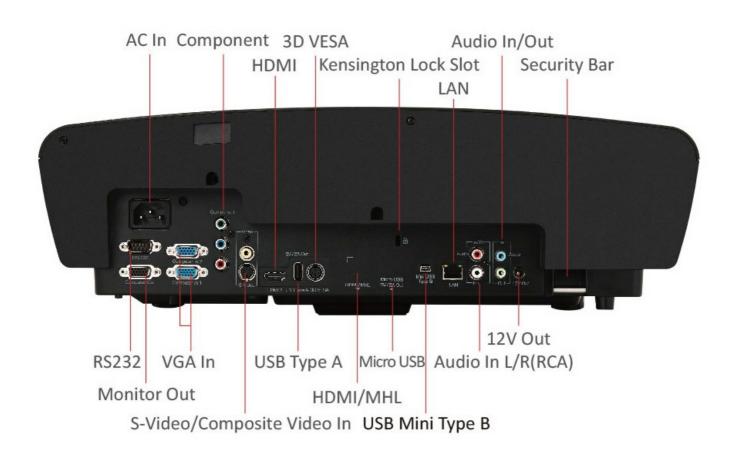
SonicMode for Enhanced Audio Performance

LS830's embedded DSP chip along with SonicMode technology is able to fine tune sound performance and provides 3 different scenario application modes to choose from.
1. Standard: balanced sound for most types of audio
2. Speech: best for spoken word and conference calls
3. Entertainment: tuned for music & video with more bass

Speech Mode   Standard Mode   Entertainment Mode

AC In Component 3D VESA   Audio In/Out
            HDMI   Kensington Lock Slot   Security Bar
                                      LAN

RS232   VGA In   USB Type A   Micro USB   Audio In L/R(RCA)
                                              12V Out
Monitor Out   HDMI/MHL
      S-Video/Composite Video In   USB Mini Type B

Technical Specifications

DISPLAY	Type	TI DMD 0.65
	Resolution (Native)	1920x1080 (Full HD)
	F Stop / Focal Length mm	2.54
	Focus / Zoom	Adjustable by OSD menu / N/A
	Keystone	H:+/-30° , V:+30°/-12°
	Auto keystone	Yes (Vertical)
	Display Size	80" ~ 150"
	Throw Distance	0.43 m ~ 0.8 m
	Throw Ratio	0.23
	Lamp Power	390 W
	Lamp Life (Normal / SuperEco Mode)	15,000 / 20,000 (Ecco mode) (hours)
	Brightness	4,500 ANSI Lumens
	Contrast Ratio	100,000:1
	Color Depth	1.07 Billion Colors (30 bits per color)
	Optical Offset	137.6 +-5%
AUDIO	Speaker	8W Cube x2
INPUT SIGNAL	Video	480i and 576i, 480p and 576p, 720p, 1080i, 1080p
	Frequency (H/V)	15 ~ 100 KHz / 24 ~ 120 Hz
COMPATABILITY	PC	Support up to 1920x1080@60Hz
	Mac	Support up to 1920x1080@60Hz
CONNECTOR	VGA Input	x2
	VGA Output	x1
	Digital Input	HDMI x1 / HDMI (MHL2.0) x1
	Composite Input	RCA x1
	S-Video Input	x1
	Component	x2 (Share with VGA input)
	Audio Input	3.5mm mini jack x1, RCA(L/R) x1
	Audio Output	3.5mm mini jack x1, RCA(L/R) x1
	Control	RS-232
	USB	Type A x1 (Power Charging) / Mini type B x1 (Maintenance and mouse control) / Micro USB Wire x1 (Power Charging)
	Lan	x1
	3D VESA	x1
	DC Output	x1
POWER	Voltage	100~240Vac 50/60Hz (Auto Switching)
	Power Consumption	450 W (Max.)
	Standby	<0.5W
OPERATING CONDITION	Temperature	0°C ~ 40°C (32°F ~ 104°F)
	Humidity	0% ~ 90% (non-condensing)
	Altitude	0 ~ 6,000 ft, operational up to 10,000 ft at reduced reliability and performance
NOISE LEVEL	Normal / Eco Mode	28dB (Eco Mode)
DIMENSIONS	Physical (WxDxH)	508 x 392 x165 mm/ 20" x 15.43 " x 6.5"
WEIGHT	Net	13.6 kgs / 29.96 lbs
REGULATIONS		CB, cTUVus, FCC, CE. EMC, CCC, GS, RCM
PACKAGE CONTENTS		1. Power Cord, 1.8m, black 1 2. VGA Cable, 1.8m, black x 1 3. Remote Control with Batteries (With Laser pointer) x1 4. Quick Start Guide (one sheet version) x1 5. ViewSonic CD Wizard (With User Manual) x 1 6.

HDMI Cable