

## Prysm LPD 6K Series, 190" (6K)

Transform your working environment with the Prysm LPD 6K Series, 190" solution, powered by the Prysm Application Suite and Prysm's patented laser phosphor display (LPD) technology.

The Prysm LPD 6K Series is an interactive large-format display that offers a panoramic image uninterrupted by seams or bezels. The single-panel display combines vivid colors presented in 6K resolution with a rich, deep contrast to deliver stunning picture quality. Our LPD 6K Series is an extremely energy-efficient interactive touch display, using less energy than a coffee maker. The LPD 6K advances Prysm's LPD technology by offering 24x7 reliable operation and integrated display health monitoring and reporting. The flexible, impact-resistant top surface is specially formulated to offer smooth touch interaction and can be viewed at any distance, up close or far away, and at any angle without the eye fatigue typical of other display technologies. Should it ever be required, all components in the LPD 6K Series can be serviced from the front, ensuring maximum up-time.

This large-format display comes optionally bundled with the Prysm Application Suite, a digital workplace platform that brings people, content, and ideas together to create a smart and efficient collaboration environment. The platform displays streaming video, web applications, documents, presentations, and images as well as input from laptops and mobile devices with a simple tap.

For more information, contact us at [sales@prysm.com](mailto:sales@prysm.com), 1.877.99.PRYSM or +1.408.586.1100.



### Specifications for Prysm LPD 6K Series, 190" (6K)

#### Target Applications

Use Environments	▶ Conference Rooms	▶ Customer Exp. Centers
	▶ Board Rooms	▶ Visitor Welcome Centers
	▶ Briefing Centers	▶ Hybrid Retail
	▶ Training Rooms	▶ Transit Centers
	▶ Demo Centers	▶ Museums
	▶ Multimedia Centers	

Room Size	Large rooms, 10+ people
Ambient Light	Suitable for normal ambient lighting conditions (avoid direct sunlight)

#### Display Characteristics

Image resolution (W × H)	5616x1872
Total pixel count	10.5 million
Display aspect ratio	3:1
Image area, total	10,370 sq in 6.70 sq m
Display image dimensions (W × H × Diagonal)	177 in x 59 in x 186 in 4493 mm x 1490 mm x 4734 mm
Ideal Viewing Distance	2.5 – 60 ft 0.8 – 18.3 m
Viewing angle	178° (horizontal or vertical)
Pixel pitch	1.20 mm (horizontal) × 0.80 mm (vertical)
Phosphor fill factor	90%
Gamma	Adjustable from 1.8 – 2.6
Color processing	10 bits per RGB color (1.07 billion colors)
Color shift	No color shift at any angle
Color and luminance uniformity	Automatic uniformity maintenance over time
Color gamut	100% of ITURec. BT709 (HDTV) and >80% of DCI/P3 Color Gamut in 1976 CIEu'v' Color Space
White point adjustment	2,400 – 9,300 Kelvin (adjustable)
Luminance	500 cd/m² (Maximum) 300 cd/m² (Typical)
Scan field rate	360 Hz
Sequential contrast	1,000,000:1 (Typical)
Touch latency	7 - 16 ms
Touch accuracy	6 mm
Viewable area	100%
Image seams / bezels	None
Display lifetime	>60,000 hrs (to 50% initial brightness)
Touch type	High-resolution IR
Touch points	32 simultaneous touch points
Touch pressure	Zero force

...continued on reverse

**Prysm LPD 6K Series, 190" (6K)**

**Physical Characteristics<sup>1</sup>**

Overall dimensions (W × H × Depth)	190.3 in × 97.7 in × 31.3 in 4833 mm × 2480 mm × 795 mm
Weight	4,033 lbs 1,829 kg
Floor-loading weight	57.6 lbs per ft <sup>2</sup> 281.2 kg/m <sup>2</sup>
Acoustic noise level	40 dBA ± 2 (as measured in a 37 dBA environment)

**Clearances**

Minimum ceiling height	101.6 in, 2581mm
Required clearances - Passive ventilation	Rear: 1.6 in, 40 mm Top: 4 in, 101 mm
Required clearances - Service	Front: 71.6 in, 1818 mm

**Application Appliance**

Video Inputs	4x 1920x1080p inputs standard 1x 4K/30Hz input optional
Processor	Intel® XeonE3
Storage	1x 256 GB SSD
Dimensions (W × H × D)	17.5 in × 6.65 in × 17.0 in 445 mm × 169 mm × 432 mm

**Environmental<sup>1</sup>**

Power rating /Phase	200 – 240 VAC single-phase
Power Consumption	195 W/m <sup>2</sup> Typical 323 W/m <sup>2</sup> Maximum
Power Consumption, Absolute	1.3 kW Typical 2.2 kW Maximum

<sup>1</sup>Weight, power, and heat output specifications do not include speakers, cameras, or other peripheral devices.

<sup>2</sup>Degraded performance for ambient temperatures between 32° and 59°F (0° and 15°C) and between 95° and 104°F (35° and 40°C).

**Environmental, continued**

Heat output	Typical: 4,466 BTU/hr Maximum: 7,380 BTU/hr
Max operating temperature <sup>2</sup>	32° – 104°F 0° – 40° C
Recommended operating temperature	68° – 86° F 20° – 30° C
Room humidity	20 – 60%RH, non-condensing
Cooling	Self-contained airflow @ 1800CFM
Tip prevention	Strong points provided on frame for anchoring to building architecture

**Cosmetic Enclosure**

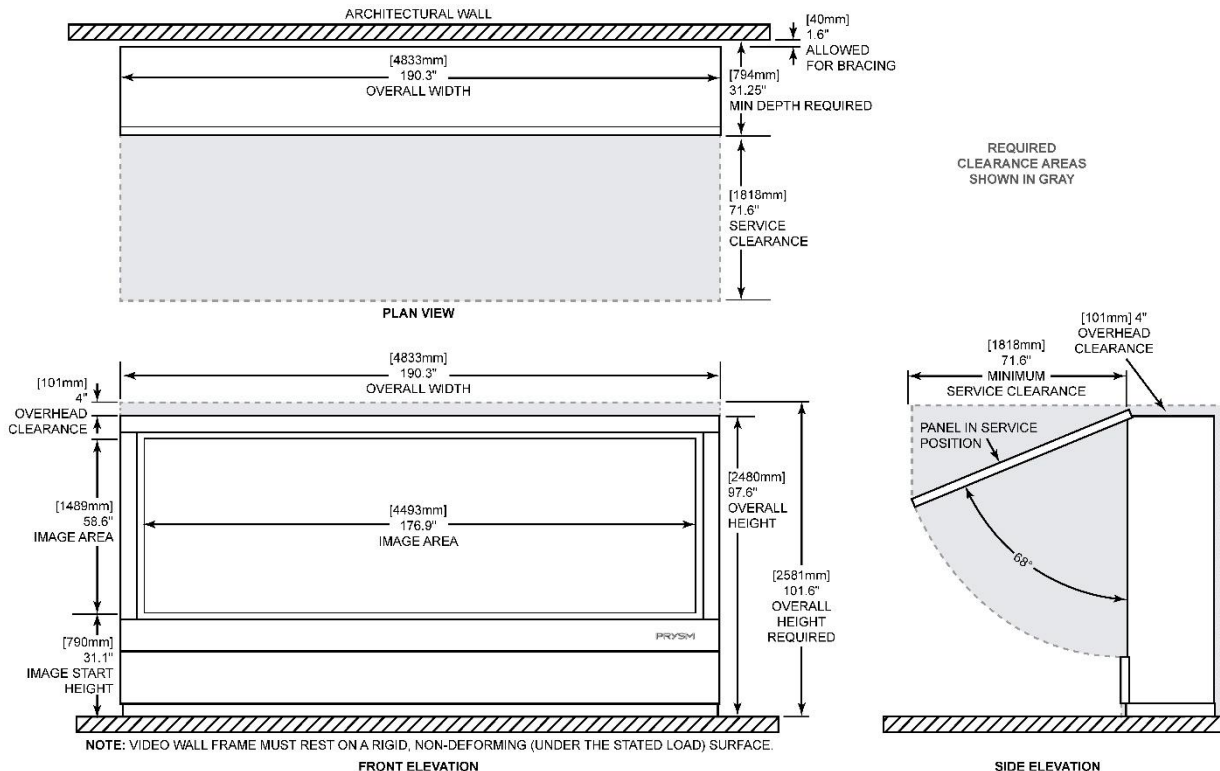
Nominal fabric finish	Black
Optional fabric finishes	Other fabric colors and patterns available
Free-Standing:	Wide side panels
Built-In (Alcove):	Narrow side panels

**Accessories (ordered separately)**

QuadLynk	Kit for video input system
Interactive Input Controller	Kit for interactive touch capability

**Compliance**

Class	Class 1 Laser Product
Standards	RoHS, WEEE CE, NRTL (US & Canada), FCC Part 15 (Class A) CE EN55032 + EN55024, FCC Part 15B



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