Boost your Home Cinema Experience with Cinema SuperColor™

**Ultimate Cinema Experience for your Home**

Featuring true-to-life color and a smart design, the ViewSonic® LightStream Pro7827HD 1080p projector delivers everything you’ll need for your ultimate big screen home entertainment. Reproducing cinema grade image quality with RGBRGB color wheel, realizing Rec.709 color standard in full HD resolution. Coupled with dynamic audio performance from the powerful 10W built-in cube speaker, assuring a breathtaking cinema experience right at your home.

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### Show Throw Projectors at a Glance

<table>
<thead>
<tr>
<th>Series</th>
<th>Mainstream Short Throw</th>
<th>Mid-End Short Throw</th>
<th>Ultra Short Throw</th>
<th>Interactive Ultra Short Throw</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model</td>
<td>PJD5350LS/PJD5353LS</td>
<td>PJD5553LWS</td>
<td>PJD8333S</td>
<td>PJD8353S</td>
</tr>
<tr>
<td>Resolution</td>
<td>XGA</td>
<td>WXGA</td>
<td>XGA</td>
<td>XGA</td>
</tr>
<tr>
<td>Brightness</td>
<td>3200lm</td>
<td>3200lm</td>
<td>3500lm</td>
<td>3000lm</td>
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<tr>
<td>Throw Ratio</td>
<td>0.6</td>
<td>0.49</td>
<td>0.49</td>
<td>0.468</td>
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<tr>
<td>Keystone</td>
<td>Vertical</td>
<td>Vertical</td>
<td>Vertical</td>
<td>Vertical</td>
</tr>
<tr>
<td>Interactive</td>
<td>PJ-VTOUCH-10S</td>
<td>PJ-VTOUCH-10S</td>
<td>PJ-VTOUCH-10S</td>
<td>NA</td>
</tr>
<tr>
<td>Speaker</td>
<td>2W cube</td>
<td>2W cube</td>
<td>10W cube</td>
<td>16W</td>
</tr>
<tr>
<td>Interact</td>
<td></td>
<td></td>
<td></td>
<td>PJE-003</td>
</tr>
</tbody>
</table>

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### Big Screens in Small Space

Deliver larger-than-life projection images in even the smallest of spaces.

ViewSonic’s range of short throw and ultra short throw projectors deliver large, crisp images from less than two feet away, making them ideal for both educational and corporate users.

**Interactive Laser Curtain Module and Camera:** (coming soon)

**PJ-VTOUCH-10S**

- Easy Installation
- Visible laser guide light for easy setup
- Easy angle adjustment
- Laser 180 degree detection
- Perfect match with LightStream short throw projector
- Easy auto calibration for end user
- Multi touch
- Both finger touch & pen writing are workable
- Works with up to 10 points touch and stylus
- Stylus x 2
- 3 minutes full power charge

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Blinding lights, distracting shadows, or glaring hotspots are all eliminated because the projector is closer to the screen.

Perfect for small classrooms and meeting rooms.

Project large, stunning images from half the distance of a standard throw projector.

**Interactive Laser Curtain Module and Camera:** (coming soon)
Following a groundbreaking proprietary speaker transducer and chamber re-design, LightStream projectors deliver full-range sound 20Hz – 20KHz for presentations or off-the-clock home entertainment. The compact speakers take pride in quality sound with best-fit Sound Response Curve, and high efficiency of transferring electric power to sound power. They sound stronger, offering more concentration, letting sound travel farther. The 2-watt (10/16-watt) speakers are powerful enough to fill you meeting room with wall-to-wall sound – an improvement over the speakers of competing products in the same class.

SonicExpert™ Technology

LightStream’s tactile keypad is raised with concave buttons that assist in making projector set up easier in dark environments or when the projector is ceiling mounted.

SonicMode* sound settings to deliver crystal-clear audio quality for presentations, video clips and music. SonicMode presets optimized audio performance for different applications:

- The “Speech” preset enhances the sound of spoken words, making it ideal for projecting speeches and lectures, or for sales calls and video conferencing.
- The “Entertainment” preset is fine-tuned with more bass and richer mid-high frequencies ideal for music and movies.

PortAll™: Secure MHL/HDMI Port

Optional HDMI-MHL dongles convert LightStream projectors into smart displays by streaming multimedia such as presentations, movies, music, and games from Smartphones or tablet PCs. Smartphone users can play Full HD 1080p videos on a large 100” screen while simultaneously charging their phones. The world of wireless entertainment awaits you.
**Optional Accessories - Wireless Solution**

**The ViewSync 3 Wireless Presentation Gateway** *(coming soon)*

The ViewSync 3, wireless presentation gateway, featuring AutoProject™-USB-plug-in for instant projection, can powerfully transmit 1080p multimedia content from over 50 devices simultaneously. Boasting its auto-detect wireless Concurrent Mode, and Moderator, Annotator, Extended Screen, as well as USB back channel function (mouse or keyboard), the ViewSync 3 is flexible and interactive.

**Innovative AutoProject™ Key**

Eliminate the drawbacks of traditional wired & wireless connection

USB plug for instant wireless presentations

The ViewSonic ViewSync 3 wireless presentation gateway offers a convenient AutoProject™ function for USB wireless presentations. Whether in meeting rooms or classrooms, presenters can easily plug-n-project from their own laptops via a wireless auto-projection USB dongle, instead of using a VGA cable or traditional wireless presentation setups, decreasing setup time and cutting back on monotonous procedures.

**Easy Wireless Projection**

1080p Content Wireless Full HD Streaming

PortAll™ Compatible Optimized for PJD6 & PJD7 Series

**Fast and Secure Wi-Fi Transmission**

Fast Wi-Fi Speed 300Mbps at 40MHz

Advanced Security 802.11b/g/n 2.4G Wi-Fi, WPA2, WPA2-PSK

**Optional Accessories - Wireless Solution**

**ViewSync® WPG-370 Wireless Presentation Gateway Dongle**

**Easy Wireless Projection**

1080p Content Wireless Full HD Streaming

PortAll™ Compatible Optimized for PJD6 & PJD7 Series

**Easy Switch Design for MHL and HDMI devices**

Flexible Connectivity Toggle between HDMI & MHL

**Live Draw**

Allow real-time note-taking and mark-ups on content displayed from Android or iOS devices that may be saved and updated instantly on the projection screen for effective interaction. Presenter can immediately record and share ideas while emphasizing key points with audience.

**Moderator Mode**

Make group presentation management quick and easy

Wirelessly preview and share content from over 50 laptops simultaneously

**Dual band wireless 2.4G / 5GHz switch**

Solve the problem of wireless transmission lag

Stable wireless projection and smooth video playback quality

**ViewSync® WPG-300 Wireless Presentation Gateway Dongle**

**Fast and Secure Wi-Fi Transmission**

Fast Wi-Fi Speed 300Mbps at 40MHz

Advanced Security 802.11b/g/n 2.4G Wi-Fi, WPA2, WPA2-PSK

**Easy Switch Design for MHL and HDMI devices**

Flexible Connectivity Toggle between HDMI & MHL

**Mobile App for Smartphones & Tablets**

vPresenter Pro App Stream Content from Mobile Devices

**ViewSync® WPG-370 Wireless Presentation**

**Perfect 1080p Wireless Projection Solution**

WPG-370 is the right solution for wireless projection. It supports all kinds of system devices such as laptop / smart phone / tablet with difference OS such as Android / iOS / Windows. With WPG-370, you can share multimedia file from your mobile device to big screen such as projector such as projector, desktop display or TV.

**Enhance the convenience of mobile projection. App - ViewMedia**

Provide real-time multi-media share

**Optional Accessories - Wireless Solution**

**ViewSync WPG-300 Wireless Presentation Gateway Dongle**

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### Mainstream SMB/Portable-PLED Series

- Up to 10,000 hours of lamp life
- Up to 3,300 lumen and 22,000:1 contrast ratio
- SuperColor™ Technology

<table>
<thead>
<tr>
<th>Model</th>
<th>Resolution</th>
<th>Lamp</th>
<th>Power Consumption</th>
<th>Power Supply</th>
<th>Dimension (WxDxH)</th>
</tr>
</thead>
<tbody>
<tr>
<td>FJD5050</td>
<td>800 x 600</td>
<td>330W</td>
<td>170W</td>
<td>5.73 lbs / 2.6 kg</td>
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</tr>
<tr>
<td>FJD5055</td>
<td>1024 x 768</td>
<td>320W</td>
<td>170W</td>
<td>8.0 lbs / 3.6 kg</td>
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<tr>
<td>PJD5555w</td>
<td>1280 x 800</td>
<td>315W</td>
<td>170W</td>
<td>16.1 lbs / 7.3 kg</td>
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<tr>
<td>PLED-W800</td>
<td>1280 x 800</td>
<td>315W</td>
<td>170W</td>
<td>16.1 lbs / 7.3 kg</td>
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</tr>
</tbody>
</table>

### Business/Education Series

- Short-throw design makes small spaces bigger
- Best in class color accuracy
- Smart Design
- Enhanced sound

<table>
<thead>
<tr>
<th>Model</th>
<th>Resolution</th>
<th>Lamp</th>
<th>Power Consumption</th>
<th>Power Supply</th>
<th>Dimension (WxDxH)</th>
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<tbody>
<tr>
<td>FJD5055LS</td>
<td>800 x 600</td>
<td>330W</td>
<td>170W</td>
<td>5.73 lbs / 2.6 kg</td>
<td></td>
</tr>
<tr>
<td>FJD5353LS</td>
<td>1024 x 768</td>
<td>320W</td>
<td>170W</td>
<td>8.0 lbs / 3.6 kg</td>
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<tr>
<td>PJD5553LWS</td>
<td>1280 x 800</td>
<td>315W</td>
<td>170W</td>
<td>16.1 lbs / 7.3 kg</td>
<td></td>
</tr>
<tr>
<td>PLED-W800</td>
<td>1280 x 800</td>
<td>315W</td>
<td>170W</td>
<td>16.1 lbs / 7.3 kg</td>
<td></td>
</tr>
</tbody>
</table>
### Business/Education Series

- **Networkable**
  - Cable management hood
  - PortAll™: Secure MHL/HDMI Port
  - Horizontal and vertical keyence + 4 cornet adjustment
  - Support RJ45 Network Monitoring & Control
  - 10-16 W Cube speaker

**Resolution**
- FHD230: 1920 x 1080
- FHD235: 1920 x 1080
- FHD235W: 1920 x 1080

**Focus / Zoom**
- Manual Focus / Manual Zoom

**F Stop / Focal Length**
- 3.5 ~ 5.4 mm for 1.28x ~ 2.18x zoom

**Throw Distance**
- 3.3 ~ 13.4 ft.

**Screen Size**
- 30” ~ 700”

**Brightness**
- 4000 lumens (Max.)
- 3500 lumens (Max.)
- 3500 lumens (Max.)
- 3500 lumens (Max.)

**Contrast Ratio (aWDR)**
- 15000:1
- 15000:1
- 20000:1
- 20000:1

**Lamp**
- 15,000 hours (Normal)
- 15,000 hours (SuperEco Mode)
- 20,000 hours (Normal)
- 20,000 hours (SuperEco Mode)

**Other Input/Output**
- VGA x 1, Component x 1
- Component x 1, S-Video x 1
- Composite x 1
- USB Type A x 1

**Noise Level (Normal / Eco)**
- 36dB / 34dB
- 36dB / 31dB
- 36dB / 31dB
- 36dB / 31dB

**Keystone**
- 30° ~ 300°
- 30° ~ 300°
- 30° ~ 300°
- 30° ~ 300°

**Screen Size**
- 1.2 m ~ 10 m
- 1.19 m ~ 13.11 m
- 1.00 m ~ 10.98 m

**Resolution**
- XGA (1024 x 768)
- WXGA (1280 x 800)
- XGA (1024 x 768)
- WXGA (1280 x 800)

**Power Consumption**
- 350W (Max.)
- 350W (Max.)
- 350W (Max.)
- 350W (Max.)

**Input/Output**
- 100V ~ 240V / 50 ~ 60Hz
- 100V ~ 240V / 50 ~ 60Hz
- 100V ~ 240V / 50 ~ 60Hz
- 100V ~ 240V / 50 ~ 60Hz

**Other Input/Output**
- 12V Power trigger (Auto Switching)
- RJ45 x 1 (LAN), RS232 (9 pin) x 1, mini USB x 1 (USB Display)
- USB Type B x 1 (Mouse control and firmware upgrade), RS232 x 1 / IR Connector x 1 / RJ45 x 1

**Installation Pro Series**

- **Up to 5,000 lumens**
- **1080p Full HD image quality**
- **High-performance video processors**
- **Network management options**
- **1.5x optical zoom for installation flexibility**

**Resolution**
- FHD350: 1920 x 1080
- FHD355: 1920 x 1080
- FHD356: 1920 x 1080
- FHD356HL: 1920 x 1080

**Focus / Zoom**
- Manual / Manual
- Manual / Manual
- Manual / Manual
- Manual / Manual

**F Stop / Focal Length**
- 1.12 m ~ 20 m
- 1.10 m ~ 19 m
- 1.10 m ~ 19 m
- 1.08 m ~ 19 m

**Throw Distance**
- 2.4 m ~ 10 m
- 2.1 m ~ 10 m
- 2.0 m ~ 10 m
- 1.9 m ~ 10 m

**Brightness**
- 3500 lumens (Max.)
- 3500 lumens (Max.)
- 3500 lumens (Max.)
- 3500 lumens (Max.)

**Contrast Ratio (aWDR)**
- 3000:1
- 3000:1
- 3000:1
- 3000:1

**Lamp**
- 5,000/10,000 hours (Normal / SuperEco Mode)
- 4,000/10,000 hours (Normal / SuperEco Mode)
- 4,000/10,000 hours (Normal / SuperEco Mode)
- 4,000/10,000 hours (Normal / SuperEco Mode)

**Power Supply**
- 100 ~ 240V / 50 ~ 60Hz
- 100 ~ 240V / 50 ~ 60Hz
- 100 ~ 240V / 50 ~ 60Hz
- 100 ~ 240V / 50 ~ 60Hz

**Other Input/Output**
- VGA x 1, Component x 1, S-Video x 1, Composite x 1
- VGA x 1, Component x 1, S-Video x 1, Composite x 1
- VGA x 1, Component x 1, S-Video x 1, Composite x 1
- VGA x 1, Component x 1, S-Video x 1, Composite x 1

**Throw Ratio**
- 1.5x ~ 1.6x
- 1.5x ~ 1.6x
- 1.5x ~ 1.6x
- 1.5x ~ 1.6x

**Screen Size**
- 0.9 m ~ 10 m
- 1.19 m ~ 13.11 m
- 1.00 m ~ 10.98 m

**Power Consumption**
- 120V ~ 240V / 50 ~ 60Hz
- 100 ~ 240V / 50 ~ 60Hz
- 100 ~ 240V / 50 ~ 60Hz
- 100 ~ 240V / 50 ~ 60Hz

**Input/Output**
- 30.6 lbs / 13.9 kg
- 8.5 lbs / 3.9 kg
- 8.5 lbs / 3.9 kg
- 12.16 lbs / 5.5 kg

**Dimension (WxDxH)**
- 333 x 263 x 122 mm
- 469.5 x 316.24 x 139.8 mm
- 333 x 263 x 122 mm
- 469.5 x 316.24 x 139.8 mm

**Other Input/Output**
- LEN-010: 3.00 – 5.70:1
- LEN-011: 1.27x
- LEN-008: 1.28x
- LEN-009: 1.25x

**Contrast Ratio (w/DCR)**
- 12,000:1
- 12,000:1
- 22,000:1
- 22,000:1

**Brightness**
- 2,500 / 3,500 (Eco)
- 2,500 / 3,500 (Eco)
- 3,000 / 6,500
- 3,000 / 6,500

**Noise Level (Normal / Eco)**
- 30° +/– 30°
- 30° +/– 30°
- 30° +/– 30°
- 30° +/– 30°

**Screen Size**
- 3.5 mm mini jack x 1
- 3.5 mm mini jack x 1
- 3.5mm mini jack x 1
- 3.5mm mini jack x 1

**Audio Input**
- 3.5 mm mini jack x 2
- 3.5 mm mini jack x 2
- 3.5 mm mini jack x 2
- 3.5 mm mini jack x 2

**Audio Output**
- 12V Power trigger
- RJ45 x 1 (LAN), RS232 (9 pin) x 1, mini USB x 1 (USB Display)
- USB Type B x 1 (Mouse control and firmware upgrade), RS232 x 1 / IR Connector x 1 / RJ45 x 1

**ViewSonic Projector APP**

Create Portable and Convenient Life

**ProjectorDistance App for Quick Projector Position Preview**

No matter small meeting room, middle classroom, or big hall, ProjectorDistance tells you how far the projector should be placed according to the room ceiling height, projector's screen size, aspect ratio, etc. Just input several figures, the result will be displayed in the simulation scenarios with measurement. You can use finger to adjust the distance instantly.

vRemote App controller with snapshot keystome and lamp life monitor

Never worry about missing a remote control against. Users can download vremote, the virtual remote control, onto any IR-enabled smartphone. If there is no IR function on smartphone, users can also plug in USB wireless adapter (PU-V100) and use vremote to control the projector. In addition, vremote can instantly help users automatically correct keystone with a simple snapshot of the projected image. Administrators can also remotely view the projectors' lamp working hours and adjust keystones.

*Only available on certain models.*

The world's pioneer ProjectorExpert APP

Cover all completed projector applications at once!

ProjectorExpert APP contains all ViewSonic projector product information, projection distance measurement, ViewSync wireless introduction, industrial application case study, news messages, etc. It integrates all projector related information, and can be as general users' perfect assistant when choosing or installing projectors, providing users a platform with convenient and sufficient information, as well as to become dealers, distributors, system integrators' portable tool which can check instantly.
Home Cinema Full HD Series

**Pro7827HD PJD7831HDL PJD7720HD**

- Cinema SuperColor™ Technology
- RGB Color Wheel fulfills sRGB and Rec. 709 color gamut
- International ISF Certified Image Calibration Tool
- SonicExpert™ Technology
- PortAll™: Secure MHL/HDMI Port
- Vertical Lens Shift
- Horizontal and vertical keystone + 4 corner adjustment

### Technical Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>PRO7827HD</th>
<th>PJD7831HDL</th>
<th>PJD7720HD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resolution</td>
<td>Full HD (1920x1080)</td>
<td>Full HD (1920x1080)</td>
<td>Full HD (1920x1080)</td>
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<tr>
<td>F Stop / Focal Length</td>
<td>2.59 ~ 2.87 / 16.88 ~ 21.88 mm</td>
<td>2.59 ~ 2.87 / 16.88 ~ 21.88 mm</td>
<td>2.59 ~ 2.87 / 16.88 ~ 21.88 mm</td>
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<tr>
<td>Throw Distance</td>
<td>0.73 m ~ 9.96 m</td>
<td>0.73 m ~ 9.96 m</td>
<td>0.99 m ~ 10.89 m</td>
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<tr>
<td>Brightness</td>
<td>2,200 lm</td>
<td>2,200 lm</td>
<td>3,200 lm</td>
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<tr>
<td>Contrast Ratio (w/DCR)</td>
<td>22,000:1</td>
<td>22,000:1</td>
<td>22,000:1</td>
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<tr>
<td>Lamp Hour (Normal/SuperEco Mode)</td>
<td>3,500 / 6,500</td>
<td>4,000 / 10,000</td>
<td>4,000 / 10,000</td>
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<tr>
<td>Throw Ratio</td>
<td>1.1 ~ 1.5</td>
<td>1.15 ~ 1.5</td>
<td>1.49 ~ 1.64</td>
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<tr>
<td>Optical Zoom</td>
<td>1.3x</td>
<td>1.3x</td>
<td>1.1x</td>
</tr>
<tr>
<td>Screen size</td>
<td>50” ~ 300”</td>
<td>30” ~ 200”</td>
<td>30” ~ 200”</td>
</tr>
<tr>
<td>Keystone</td>
<td>+/- 30° (Horizontal / Vertical)</td>
<td>+/- 20° (Horizontal / Vertical)</td>
<td>+/- 30° (Horizontal / Vertical)</td>
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<tr>
<td>Lens Shift</td>
<td>Yes (±10%)</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>Noise Level (Normal/Eco)</td>
<td>36dB / 31dB</td>
<td>35dB / 30dB</td>
<td>35dB / 30dB</td>
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<tr>
<td>Speaker</td>
<td>10W Cube x 1</td>
<td>10W Cube x 1</td>
<td>10W Cube x 1</td>
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<tr>
<td>PC/Video Input</td>
<td>VGA x 1 (Component), Composite x 1</td>
<td>VGA x 1 (Component), Composite x 1</td>
<td>N/A</td>
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<td>HDMI</td>
<td>1.4 x 3 (HDMI 2.0 x 3)</td>
<td>1.4 x 2 (HDMI 2.0 x 2)</td>
<td>1.4 x 2 (HDMI 2.0 x 1)</td>
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<td>Audio Input</td>
<td>3.5mm mini jack x 2</td>
<td>3.5mm mini jack x 2</td>
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<tr>
<td>PC/Video Output</td>
<td>VGA x 1</td>
<td>VGA x 1</td>
<td>N/A</td>
</tr>
<tr>
<td>Audio Output</td>
<td>3.5mm mini jack x 1</td>
<td>3.5mm mini jack x 1</td>
<td>3.5mm mini jack x 1</td>
</tr>
<tr>
<td>Other Input/Output</td>
<td>Type A x 1 (Power Charging) / Mini type B x 1 (Maintenance and mouse control) / Micro USB Cable x 1 (Power Charging) / RS232 (9 pin) x 1</td>
<td>Type A x 1 (Power Charging) / Mini type B x 1 (Maintenance and mouse control) / Micro USB Cable x 1 (Power Charging) / RS232 (9 pin) x 1</td>
<td>Mini type B x 1 (Maintenance and mouse control) / RS232 (9 pin) x 1</td>
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<tr>
<td>Dimension (WxDxH)</td>
<td>316 x 228 x 103.7 mm</td>
<td>316 x 228 x 103.7 mm</td>
<td>316 x 228 x 103.7 mm</td>
</tr>
<tr>
<td>Net Weight</td>
<td>5.73 lbs / 2.6 kg</td>
<td>5.29 lbs / 2.4 kg</td>
<td>5.29 lbs / 2.4 kg</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>350W (Max.)</td>
<td>330W (Max.)</td>
<td>330W (Max.)</td>
</tr>
<tr>
<td>Lamp</td>
<td>OSRAM 240W</td>
<td>Philips 210W</td>
<td>Philips 210W</td>
</tr>
</tbody>
</table>

**Movie Mode**

**International Rec.709 cinematic colors**

ITU (International Telecommunication Union) recommends Rec.709 as the standards for high-definition TV. The Rec. 709 defines the color range, resolution, frame rate, and display specifications that applies to a variety of HD devices and DVDs/Blu-ray DVDs. It increases the visual performance to human eye. With just one mode, viewers are presented with a cinema-like experience.

**Cinema SuperColor™ RGBRGB Color Wheel**

Brilliant color gradient

The SuperColor™ RGBRGB Color Wheel adopts a special coating to filter segmental spectrums of RGB, to intensify Red, Blue, and Green colors. It also focuses on Hue and Saturation enhancement, highlighting breathtaking images like sunrises, sunsets, or blue skies with intense color gradients, while other projectors can only partially cover these complex color gradients.