The premium large-venue projectors from Epson.

**3x Brighter Colors**, and reliable performance — 3LCD, 3-chip technology

**One measurement of brightness is not enough** — look for both high color brightness and high white brightness. The Pro G Series has:

- Color Brightness: 4500 up to 7000 lumens
- White Brightness: 4500 up to 7000 lumens

**Crisp, clear resolution** — XGA, WXGA or WUXGA for incredible images

**Six optional lenses with lens shift** — standard, wide, rear, middle or long-throw for complete flexibility and easy exchange

**Versatile connectivity** — easily integrate with any system; HDBaseT on select models

**Convenient remote management** — remotely monitor and control presentations; includes scheduling function

**Built-in edge-blending technology** — seamlessly project more than one image at a time
PowerLite® Pro G6050WNL/6150NL/6450WUNL/6550WUNL/6750WUNL/6800NL/6900WUNL 3LCD Projectors

The premium large-venue projectors from Epson.
Get uncompromising image quality and professional-grade reliability with the Pro G Series large-venue projectors. Whether you’re presenting in a conference room, auditorium, stage or house of worship, these powerful projectors will keep your audience captivated. Incredible color brightness and up to WUXGA resolution means images are brighter, crisper and even more brilliant. Setup is a breeze with flexible, 360-degree installation and diverse connectivity options including HDBaseT®. You’ll stay in control with remote management functions and easily adapt to the environment with six optional lenses. Edge-blending capabilities enhance the experience with panoramic images and integrated curves and corners. Point and arc correction ensures that rectangular images are never compromised. And for the ultimate presentation, 3D stackable solutions and low-cost glasses take it all to the next level.

3x Brighter Colors with Epson®
Brilliant image quality requires high color brightness (color light output), and Epson® 3LCD projectors have 3x Brighter Colors than leading competitive projectors®.

One brightness measurement (lumens) is not enough. A projector’s specification needs to show both high color brightness and high white brightness. If color brightness is lower than white brightness, images may be dark, dull and lose detail. If not provided, be sure to ask for a projector’s color brightness specification.

3LCD — the #1 projection technology in the world
• All 3LCD projectors have both high color brightness and high white brightness
• All 3LCD projectors have 3 chips
• 25% lower power consumption for lower energy costs
• 20 years of road-tested reliability

Award-winning Faroudja DCDi® Cinema for advanced video quality
Faroudja DCDi Cinema is a video enhancement technology, used primarily for film viewing, which produces exceptional image quality without introducing artifacts. Faroudja developed DCDi (Directional Correlational Deinterlacing) to eliminate jaggy images by using a unique algorithm.

The best-selling projectors in the world.
Built with image quality and reliability in mind, Epson projectors enhance communication and inspire collaboration, while offering a low total cost of ownership. From ultraportable projectors designed for educational settings to boardroom-ready installable business projectors, Epson has the model made for you.
Incredible HDBaseT™ and diverse connectivity

Connect with virtually any system including HDBaseT, HD-SDI, HDMI, DisplayPort, VGA, BNC and LAN connectivity. Cutting-edge HDBaseT technology means just one single CAT-5/6 cable carries full HD video, audio, network and control commands. And it’s over 328 feet to accommodate large venues. No need for additional cables, signal repeaters or added labor.

Optional HDBaseT™ transmitter

For your convenience, Epson offers an optional HDBaseT transmitter box as a companion piece to the Pro G series. Three inputs are featured for easy installation: HDMI, LAN, and RS-232 to output into a CAT-5/6 cable.

Advanced, integrated edge-blending technology

Enhance the experience with seamless panoramic, multi-screen images that blend edges by matching color and brightness perfectly, even in areas that overlap. The Pro G6800NL and Pro G6900WUNL models take edge blending one step further with curved surface and corner wall support. Project on horizontal or vertical walls while also using edge blending to heighten the experience even more.

Stacked 3D solutions

You can create an impressive viewing experience with twice the brightness using Epson’s stacked 3D solution (requires two projectors). Polarized filters, in combination with low-cost 3D glasses, enables you to enjoy a 3D theater experience, right in your own personal space.

Split Screen

Split Screen allows you to display content from two inputs simultaneously, side by side, on a single screen. With three layout options you can display video and presentation materials, and run video on both screens.

DICOM Simulation Mode

DICOM (Digital Imaging and Communication in Medicine) is a standard for handling, storing, printing and transmitting medical imaging information. DICOM Simulation Mode is ideal for viewing grayscale medical images, such as X-rays, for training and educational purposes. It enables users to reproduce images with an advanced grayscale level that simulates DICOM Part 14.

360-degree installation

The PowerLite Pro G Series can be rotated 360 degrees in any direction for off-axis positioning flexibility. As a result, it can be used for a wide range of applications, such as projecting on the ceiling or floor, or as part of a rear-projection system. Epson technology keeps the projector running without compromising performance or causing overheating.
Designed for rental and staging
The SDI input accommodates live video streaming. 360-degree installation allows for virtually any placement, and an inconspicuous black case means uncompromised presentation. Note: SDI input available on the Pro G6900WUNL model only.

Short-throw lens
Install the projector as close as a 0.7 throw ratio to the screen and still get the same clear, crisp projection. A 1.2x zoom and up to 69% vertical and up to 31% horizontal lens shift gives even more flexibility when you need it.

Six optional lenses
For added flexibility, the PowerLite Pro G Series offers a total of six lenses: one standard, one wide, one rear, two middle and one long-throw that allow users to choose the lens most suited for their environment. A quick-release lever allows for a fast, easy lens exchange.

Easy Management®
The EasyMP® Monitor tool makes it easy to monitor and control all networked Epson projectors, set up email notifications, verify and change internal settings, and more. You can also remotely power down your projector(s) to extend the lamp life and save energy.

Multi-PC projection
Epson Multi-PC Collaboration utility allows you to display four individual PC screens simultaneously over the network (wired or wireless), with another 28 users connected to the same projector on standby mode. This feature is a great tool for meetings or classroom projects where multiple users want to present and compare their content. Note: This feature available on the Pro G6050WNL/6150NL/6450WUNL/6550WUNL/6750WUNL models only.

Schedule function
Save energy using the convenient Schedule function. And, easily control the projector at non-networked venues. The embedded clock inside the projector enables it to do scheduled tasks without having the network standby mode on.

Protect your investment — long-life electrostatic air filter
The PowerLite Pro G series electrostatic filter is designed to protect the optical engine, lamp and electronics from small dust particles that can enter any projector. It has a recommended 10,000-hour filter cleaning schedule* and can capture particles as small as three microns, due in part to its pleated, expanded design.

Easy maintenance
Offering convenient access to the lamps and filter, the Pro G series makes maintenance easier than ever, even if the projector is ceiling mounted. The lamp cover is located on the rear side panel and there are no screws, so the lid can be removed without any special tools.

Lens shift
Epson lens shift technology enables outstanding installation flexibility with an incredible range of up to + or – 67° on the vertical axis and up to + or – 30° on the horizontal axis (may vary by model). Users can operate the lens shift functions using the adjustment knobs on the top of the projector.
Centered lens design
Featuring a centered lens design, the Pro G series makes installation easy to plan. Positioning the ceiling mount, screen and projector can be performed individually and independent of one another.

Arc correction
Using arc correction, you can adjust each side of a projected image in an arc or barrel-shaped way, making it easier than ever to get a perfectly rectangular image.

Convenient test patterns
Make sure your presentation is setup correctly before you begin. The PowerLite Pro G Series features nine test patterns including linearity, color reproduction, bleeding and tone production. It even detects distortion.

Additional Features/Benefits
• Built-in edge-blending technology — seamlessly project overlapping images at one time
• Ultimate 360-degree installation — rotate for full functionality in literally any direction
• Point and arc correction — adjust each side of an image for a perfect rectangle
• 3D stackable solutions — for 3D applications using passive, low-cost glasses

List of models:

<table>
<thead>
<tr>
<th>Model</th>
<th>Resolution</th>
<th>Lumen</th>
<th>Interface</th>
</tr>
</thead>
<tbody>
<tr>
<td>PL PRO G6050WNL</td>
<td>WXGA</td>
<td>5500</td>
<td>HDMI</td>
</tr>
<tr>
<td>PL PRO G6150NL</td>
<td>XGA</td>
<td>6500</td>
<td>HDMI</td>
</tr>
<tr>
<td>PL PRO G6450WUNL</td>
<td>WUXGA</td>
<td>4500</td>
<td>HDMI</td>
</tr>
<tr>
<td>PL PRO G6505WUNL</td>
<td>WUXGA</td>
<td>5200</td>
<td>HDMI</td>
</tr>
<tr>
<td>PL PRO G6750WUNL</td>
<td>WUXGA</td>
<td>6000</td>
<td>HDMI  HDBaseT</td>
</tr>
<tr>
<td>PL PRO G6800NL</td>
<td>XGA</td>
<td>7000</td>
<td>HDMI  HDBaseT</td>
</tr>
<tr>
<td>PL PRO G6900WUNL</td>
<td>WUXGA</td>
<td>6000</td>
<td>HDMI  HDBaseT and SDI</td>
</tr>
</tbody>
</table>

Better Products for a Better Future®
For more information on Epson’s environmental programs, go to eco.epson.com

Eco Features
• Energy-efficient 3LCD light engine
• Recyclable product
• Epson America, Inc. is a SmartWay Transport Partner

SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.
**PowerLite® Pro 3LCD Projectors**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Product Code</th>
<th>UPC</th>
</tr>
</thead>
<tbody>
<tr>
<td>PowerLite Pro G6050WNL</td>
<td>V11H5111920</td>
<td>0 10343 90669 3</td>
</tr>
<tr>
<td>PowerLite Pro G6150NL</td>
<td>V11H5109920</td>
<td>0 10343 90670 9</td>
</tr>
<tr>
<td>PowerLite Pro G6450WUNL</td>
<td>V11H5135920</td>
<td>0 10343 90673 0</td>
</tr>
<tr>
<td>PowerLite Pro G6550WUNL</td>
<td>V11H5135920</td>
<td>0 10343 90675 4</td>
</tr>
<tr>
<td>PowerLite Pro G6750WUNL</td>
<td>V11H5142920</td>
<td>0 10343 90677 8</td>
</tr>
<tr>
<td>PowerLite Pro G6800NL</td>
<td>V11H532920</td>
<td>0 10343 90678 5</td>
</tr>
<tr>
<td>PowerLite Pro G6900WUNL</td>
<td>V11H514920</td>
<td>0 10343 90679 2</td>
</tr>
<tr>
<td>Genuine Epson lamp</td>
<td>V13H010L76</td>
<td>0 10343 90738 6</td>
</tr>
<tr>
<td>Replacement air filter</td>
<td>V13H134A43</td>
<td>0 10343 90739 3</td>
</tr>
</tbody>
</table>

**Specifications**

### Projection System
- High-aperture Epson 3LCD, 3-chip technology
- Front/rear/ceiling mount

### Driving Method
- Epson Poly-silicon TFT Active Matrix

### Pixel Size
- G6150/G6800: 786,432 dots (1024x768) x 3
- G6650W: 1,024,000 dots (1280 x 800) x 3
- G450W/G6550WU/G6750WU/G6900WU: 2,304,000 dots (1920 x 1200) x 3

### Native Resolution
- G6150/G6800: 1280 x 800 (WXGA)
- G6450W/G6550WU/G6750WU/G6900WU: 1920 x 1200 (WUXGA)

### Resize
- 640 x 480, 800 x 600, 1280 x 1024, 1400 x 1050

### Aspect Ratio
- Support 4:3, 16:9, 16:10

### Pixel Arrangement
- Cross stripe

### Color Brightness (Color Light Output):*
- G6050W: 5500 lumens
- G6150: 6500 lumens
- G6450WU: 4500 lumens
- G6550WU: 5200 lumens
- G6750WU/G6800WU: 6000 lumens
- G6050W: 7000 lumens
- G6150: 6000 lumens
- G6450WU: 5500 lumens
- G6550WU: 6400 lumens
- G6750WU/G6800WU: 6400 lumens
- G6050W: 9000 lumens

### White Brightness (White Light Output):*
- G6050W: 5500 lumens
- G6150: 6500 lumens
- G6450WU: 4500 lumens
- G6550WU: 5200 lumens
- G6750WU/G6800WU: 6000 lumens
- G6050W: 7000 lumens

### Contrast Ratio
- (High Brightness, Dynamic Mode) 5000:1

### Brightness Uniformity (typical) 90%

### Color Reproduction
- 1073.74 million colors

### Size (projected distance)
- 50” ~ 300”

### Lens Shift
- Vertical (Standard lens) G6150/G6800: ±57 degrees
- G6050W/G6650WU/G6750WU/G6900WU: ±67 degrees
- Horizontal: ±30 degrees

### Standard Projection Lens

- **Keystone Correction**
  - Vertical: ±30 degrees
  - Horizontal: ±30 degrees

- **Lamp Type**
  - 380 W UHE

- **Lamp Life** (Normal/Eco mode)
  - G6150/G6800WU: 2500/4000 hour
  - G6450W/G6540WU: 3000/4000 hour
  - G6750WU/G6800WU/G6900WU: 2000/4000 hour

### Effective Scanning Frequency Range
- Pixel Clock
  - 13.5 MHz ~ 162 MHz (up to UXGA 60 Hz)
- Horizontal
  - 15 kHz ~ 92 kHz
- Vertical
  - 50 Hz ~ 85 Hz

### Video I/O

- **Display Performance**
  - NTSC 480 line
  - PAL: 576 line
  - (depends on observation of the multi-burst pattern)

- **Output Signal**
  - NTSC/NTSC4.43/PAL-M/PAL-N/PAL
  - PAL60/SECAM/480i/576i/480p/576p/720p/1080i/1080p

- **Pixel works: video chip**
  - 3D Y/C separation, noise reduction motion compensated Interface-Progressive conversion

- **Interfaces**
  - HDMI x 1
  - DisplayPort x 1
  - Computer: D-sub 15 pin x 1
  - Video-1: S-BNC x 1
  - Video-2: RCA x 1
  - Composite video: BNC x 1
  - S-video x 1
  - Audio-in: Mini stereo x 3
  - Audio-in: RCA (L&R) x 1
  - Network: RJ-45 x 1, 100 Mbps
  - USB Type-A x 1, Type-B x 1
  - Serial: RS-232c
  - Hardwire remote jack x 1
  - Monitor-Out: D-sub 15 pin x 1
  - G6750WU/G6800WU/G6900WU: HD Base T x 1
  - G6900WU: HD-SDI x 1

### Support

**PowerLite Pro G6900WUNL**

- Pre-sales support U.S. and Canada
- 800-463-7766
- Internet website www.epson.com

**Support (continued)**

### Service Programs
- Three-year limited warranty. Epson Road Service program, PrivateLine® dedicated toll-free support (U.S. and Canada only) and 90-day limited lamp warranty
- What's in the Box
  - A PowerLite Pro G projector, power cable, computer cable (VGA), projector remote control with batteries, user manual CD, EasyMP software CD, Quick Setup Sheet, PrivateLine support card, registration card, password protection sticker and lens lock screw

### Dimensions (W x D x H)
- Excluding Feets, Lens 19.88” x 15.04” x 5.67”
- Weight 19.6 lb
- Including Feets, Lens 19.88” x 15.94” x 6.73”
- Weight 21.5 lb

### Accessory Part Numbers
- Genuine Epson lamp (ELPLP76)
- Replacement air filter (ELPF43)
- ELPLS06 — Standard lens
- ELPLU01 — Short throw lens
- ELPLM04 — Middle throw lens 1
- ELPLM05 — Middle throw lens 2
- ELPLD06 — Long throw lens
- ELPLR03 — Rear projection wide lens
- Quick Wireless Connect key (ELPA09)
- Replacement remote control 12679500
- Advanced projector ceiling mount with precision gear LEMPB9G
- Adjustable suspended ceiling channel kit LEMPB9P1
- Falsed ceiling plate kit LEMPB9P2
- Structural round ceiling plate LEMPB9P3
- Adjustable extension column (30”)(3 pc’s) LEMBC01
- Kensington lock ELPSL01
- 50-inch portable screen ELPC06
- 48-inch portable pop-up screen ELPC07
- 48-inch portable pop-up screen ELPC08
- Duct™ portable projector screen (4:3 aspect ratio) ELPC09
- Distrib® portable projector screen (4:3/16:9 combination) ELPC08

**Specifications and terms are subject to change without notice. EPSON, EasyMP, Easy Management and PowerLite are registered trademarks, EPSON Exceed Your Vision is a registered logomark and Better Products for a Better Future is a trademark of Seiko Epson Corporation. PrivateLine is a registered trademark. Duet is a trademark and Epson Connection is a service mark of Epson America, Inc. SmartWay is a service mark of the U.S. Environmental Protection Agency. All other product and brand names are trademarks and/or registered trademarks of their respective companies. Epson disclaims any and all rights in these marks. Copyright 2013 Epson America, Inc. CPD-38430 4/13**