PowerLite® Pro Z8150NL
MULTIMEDIA PROJECTOR

Bright performance in virtually any venue.

A powerful performer that’s easy to install, manage and maintain, the PowerLite Pro Z8150NL multimedia projector offers 8000 lumens of color and white light output¹ for captivating presentations in virtually any venue, even those with ambient light. Featuring XGA resolution, innovative 3LCD technology and a contrast ratio up to 5000:1, the PowerLite Pro Z8150NL delivers brilliant images in lecture halls, conference centers and entertainment venues. Setup and installation are easy with 360-degree projection, edge blending and more. Offering diverse connectivity and a full suite of monitor and control features, this high-definition, high brightness projector ensures easy integration with complex devices, plus a low overall cost of ownership. Choose from a variety of optional lenses to meet most any need.

**Bright performance** — 8000 lumens color/white light output¹; XGA resolution

**Advanced features** — edge blending, Split Screen² and DICOM simulation mode³

**Diverse connectivity for easy integration** — includes HDMI and LAN connectivity
The best-selling projectors in the world

Epson offers a wide range of high-quality projectors to meet most any need. 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.

Image Quality

3LCD technology — for quality and color that's beyond amazing

Innovative technology with proven reliability

- 3 chips for full-time, vibrant color
- 25% less electricity required per lumen of brightness when compared to 1-chip DLP projectors.
- Over 20 years of road-tested reliability built into every projector

Amazing color and white light output

The PowerLite Pro Z8150NL delivers 8000 lumens of color light output and 8000 lumens of white light output for true-to-life, vibrant, colorful images, even in ambient light. For today’s color-rich multimedia content, users want a projector that delivers both optimum white and color imagery. That's why the industry has developed a new metric called Color Light Output.

Always look for Color Light Output when choosing a projector

- For optimum image quality and performance, the projector you choose should offer equal levels of color and white light output
- When the two measurements are not identical, images do not look balanced
- Whites may be brighter, making the colored areas look dull and flat
- The combination of color richness (color light output) and brightness (white light output) is as critical as the combination of bass and treble would be when purchasing audio equipment

Better Products for a Better Future™

For more information on Epson's environmental programs, go to eco.epson.com

Eco Features

- Energy-efficient 3LCD, 3-chip technology
- Epson America, Inc. is a SmartWay® Transport Partner®
C²Fine™ technology delivers blacker blacks

C²Fine technology offers smooth, uniform images with exceptional contrast for better image quality. Based on this new phase-compensation technology, light leakage is eliminated, allowing for the reproduction of blacker blacks. C²Fine technology is combined with an auto iris, which allows for a contrast ratio up to 5000:1.

Award-winning Faroudja DCDi® Cinema for advanced video

The PowerLite Pro Z8150NL features a Faroudja DCDi Cinema chipset, a video enhancement technology that produces exceptional image quality without introducing artifacts. Faroudja DCDi (Directional Correlational Deinterlacing) was developed to eliminate jagging, using a unique algorithm. This technology, in combination with decoding, deinterlacing and enhancement technologies, won an Emmy Award from the National Academy of Television Arts and Sciences in 2001.

Enhanced Super-resolution technology for sharp, dramatically rich images

- Makes standard- and high-definition content come alive via its mixed color separation techniques and imaging simulation
- Delivers crisp, clear images with super high-quality resolution
- Sharpens blurry images that have been enlarged by a general upscaling process

6-axis color adjustment

For special projection material such as high-quality photographs or artwork, users can adjust the hue, saturation and brightness for six colors: RGBCMY (Red, Green, Blue, Cyan, Magenta, Yellow).
Advanced Features

**Edge blending**
Edge blending makes it easy to use multi-screen projection and achieve a seamless panoramic image, in which color and brightness match up.

**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 12 users connected to the same projector on Standby mode. You can drag and drop participants into or out of one of the four quadrants. This feature is a great tool for meetings or classroom projects where multiple users want to present and compare their screens. You can also connect up to four remote projectors at the same time and show the same multi-screen image — another great tool for remote meeting setups.

**360-degree projection**
The PowerLite Pro Z8150NL 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.

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

**Split Screen**
Split Screen allows you to display content from two inputs simultaneously, side by side, on a single screen with the following features:
- Three layout options, as shown below
- Video and presentation materials displayed simultaneously
- The ability to run video on both screens

**Normal Mode**

**DICOM Simulation Mode**

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**Layout Option 1:**
50-50% split screen

**Layout Option 2:**
Main image on the left

**Layout Option 3:**
Main image on the right
Diverse connectivity
The PowerLite Pro Z8150NL offers easy HDMI, BNC and LAN connectivity for integration with virtually any system.

Easy Management® with EPSON Monitor
EasyMP® technology makes it easy to monitor and control all networked EPSON projectors. You can use the utility while performing help desk services and proactively manage your projector assets. Remotely power down your projector(s) to extend the lamp life and produce energy savings. The utility also allows you to set up e-mail notifications, verify and change internal settings, and more. The utility is packaged on a CD with the projector and can be used with a PC to check the status of a projector. It is also available online at epson.com

Low Cost of Ownership

Schedule function
Using the convenient Schedule function, you can easily control the projector at non-networked venues. The embedded “clock” inside the projector enables it to do scheduled tasks without having the “network stand-by mode” on. This saves energy, as the projector can be turned off when not in use.

Memory function
The PowerLite Pro Z8150NL features a Memory function, which allows you to store up to 10 settings in the projector’s internal memory. This saves installers valuable time in setting up the projector for various venues and events.

Uninterrupted operation
The PowerLite Pro Z8150NL boasts a dual lamp system (two 340 W lamps) that eliminates the risk of interruption. If one lamp were to fail, operation would continue, using the other lamp. And, replacements are made easy with tool-free and unobstructed access to the rear control panel.

Protect your investment — long-life electrostatic air filter
The PowerLite Pro Z8150NL 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. The EPSON electrostatic filter captures particles as small as three microns, due in part to its pleated, expanded design. With one air intake and one exhaust path, the PowerLite Pro Z8150NL offers an efficient airflow system for optimum cooling of key components and a reduction in dust-related problems. Additionally, it has the capability to send an e-mail notification out through the EPSON Monitor utility when an increase in temperature is detected, due to clogging.
**Easy maintenance**

Offering convenient access to the lamps and filter, the PowerLite Pro Z8150NL 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. In addition to easy lamp and filter replacements, the PowerLite Pro Z8150NL includes features that make it easy to monitor and control. With EasyMP Monitor, users can access advanced status functions over the LAN network.

**Quiet, reliable liquid-cooling system**

Epson’s innovative system uses liquid to cool the LCD chips directly. The liquid absorbs the heat and is then cooled by a peltier device, which is then cooled by a fan, thereby keeping the overall optical engine cool. This system design promotes greater reliability and enables stable operation in temperatures up to 122 °F (50 °C). In addition, it offers quiet, unobtrusive operation and allows for off-axis installation orientations.

**Easy Installation Tools**

**Lens shift**

EPSON lens shift technology enables outstanding installation flexibility with an incredible range of up to + or – 56% on the vertical axis and up to + or – 6% on the horizontal axis. Users can operate the lens shift functions using the remote control, the projector control panel, or control commands.

**Arc correction**

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

**Centered lens design**

Featuring a centered lens design, the PowerLite Pro Z8150NL makes installation easy to plan. Positioning the ceiling mount, screen and projector can be performed individually and independent of one another.
Six powered lens options
For great flexibility, the PowerLite Pro Z8150NL offers a total of six lenses including short, wide, and rear, along with mid- to long-throw lenses that allow users to choose the motorized lens most suited for their environment. A quick release lever allows for a fast, easy lens exchange. (Lens not included)

Test patterns
The PowerLite Pro Z8150NL also includes six test patterns with precise setup features, including detecting distortion, checking linearity, color reproduction and bleeding, and tone production check.

PowerLite Pro Z8150NL
Features and Benefits

Image Quality
- Powerful combination of brightness and true-to-life color — 8000 lumens color light output, 8000 lumens white light output, XGA resolution and 3LCD, 3-chip technology
- Core technology for added reliability — durable LCD chips; innovative cooling system and filter design
- Digital connectivity — HDMI with HDCP compliancy and high-grade video processing
- Exceptional color fidelity — broad color reproduction covers the DCI color gamut space for viewing movies as film producers intended
- Greater detail with blacker blacks — CineFine technology; up to 5000:1 contrast ratio
- Advanced video quality — Super-resolution technology

Advanced Features
- Easier installation — 360-degree projection and centered lens design make it easy to install the projector in any setting
- Powered lens — motorized zoom, focus, and lens shift, controllable through the remote, RS-232 or IP
- Wide lens shift capabilities and arc correction — vertical positioning of up to + or – 56%; up to + or – 6% horizontal; ability to adjust each side of an image in an arch or barrel-shaped way
- Split Screen feature — project two images (video or still) side-by-side from two different sources simultaneously
- Edge blending — multi-screen projection, resulting in a seamless panoramic image
- Demo mode — use just one projector to see a side-by-side comparison of an image with Super-resolution turned on and off
- Perfect for auditoriums and lecture hall venues — six optional lenses including wide-, rear- and long-throw; designed with a change-out lever for easy installation
- Direct On and Direct Off — allows a projector to be powered on/off by use of a wall switch

Low Cost of Ownership
- Protect your investment — recommended 10,000-hour filter cleaning schedule and easy, side-access filter
- Easy monitor and control capabilities — included EPSON Monitor software allows for remote monitor and control of EPSON networked projectors
- Value-added features — Quick Corner® for independent image corner control; built-in closed captioning decoder; cable interface cover
- Dual lamps with long lamp life — up to 3500-hour lamp life in ECO Mode, up to 2500 hours in Normal Mode
PowerLite® Pro Z8150NL
Multimedia Projector

Specifications

- **Projector System**: High-aperture EPSON 3-chip, 3LCD technology
- **Projection Method**: Front/rear/ceiling mount
- **LCD Driving Method**: EPSON Poly-silicon TFT Active Matrix
- **Pixel Number**: 786,432 pixels x 3LCDs
- **Color light output**: 8000 lumens
- **White light output**: 8000 lumens (ISO 21118 standard)
- **Aspect Ratio**: Native 4:3; (supports 16:10, 16:9, 5:4)
- **Native Resolution**: 8000 lumens (supports 16:10, 16:9, 5:4)
- **Screen Throw Ratio Range**: 1.15 – 2.65 (f-number 1.63– 2.65 (screen)
- **Lamp Life**: 3400 hours (2500 hours in Eco Mode)
- **Lamp Type**: 200 W UHE (for 3400 hours of lamp life)
- **Power Consumption**: 320 W (in Eco Mode)
- **Dimensions**: 16.5" x 28.5" x 7.7" (W x D x H)
- **Weight**: 8 lb
- **Projection Lens**: Lens required
- **Support**:
  - **Power Supply Voltage**: 100 – 240 V ±10%, 50/60 Hz AC
  - **Power Consumption**: 1050 W (Normal Mode) 830 W (Eco Mode)
  - **Fan Noise**: 40 dB (Normal Mode) 35 dB (Eco Mode)
  - **HDMI 1**: 1.4a, 1080p, HDCP
  - **HDMI 2**: 1.4a, 1080p, HDCP
  - **Weights & Measures**: Dimensions: 16.5" x 28.5" x 7.7" (W x D x H)
  - **Remote Control**: Brightness, contrast, tint, saturation, sharpness, input source, sync, tracking, position, zoom, focus, lens shift, shutter, IR, source search, split screen
  - **Operational Distance**: Upper/-15 to +15 degrees
  - **Operating Temperature**: 32°C to 40°C (90°F to 104°F) — Above 4900 feet

Networking

- **Connectivity**: Wired: 10/100/1000Mbps, Optional: Wireless, Optional: Wireless Security
- **Video**: BNC, 15-pin x 1
- **Audio**: Speaker, BNC
- **Connecting**: RS-232c, RJ-45, 100Base-TX

Other Features

- **Speaker**: None
- **Operating Temperature**: 32° to 122°F (0° to 50°C) — Normal
- **Power**: 100 – 240 V ±10%, 50/60 Hz AC
- **Power Consumption**: 1050 W (Normal Mode) 830 W (Eco Mode)
- **Support**: Three-year projector limited warranty, 90-day parts and labor warranty, roadside repair Once, telephone support 24x7

The EPSON Connection

- **Pre-sales support**: U.S. and Canada 800-463-7766
- **Internet website**: www.epson.com
- **Projecctors Programs**: Three-year projector limited warranty, 90-day limited lamp warranty, EPSON Road Service Program and PrivateLine® dedicated toll-free support (U.S. and Canada only)

Support (continued)

What’s In The Box

- **PowerLite Pro Z8150NL projector, power cable, computer cable, projector remote control, batteries, cable cover, user manual CD, Quick Setup Sheet, PrivateLine support card, password protection sticker, monitor and control CD

Accessory Part Numbers

- **Lens**: Standard zoom lens (ELPLS04)
- **Mount**: Flush ceiling mount bracket (ELPLM08)
- **Other Accessories**: Wireless LAN (ELPLM06)

PowerSpecifications

- **PowerLite Pro Z8150NL**: Dimensions: 23.86" x 34.53" x 12.36" (W x D x H)
- **Weight**: 55.4 lb
- **Genuine EPSON Lamp**: Single (ELPLP72) Weight: 2.7 lb
- **Rear projection wide lens**: V12H004R04
- **Wide zoom lens**: V12H004W04

Packaging Specifications

- **PowerLite Pro Z8150NL Master Carton**: Dimensions: 31.08" x 24.76" x 12.64" (W x D x H)
- **Weight**: 55.4 lb
- **Genuine EPSON Lamp**: Single Lamp Dimensions: 5.6" x 8.0" x 6.2" (W x D x H)
- **Weight**: 1.4 lb
- **Master Carton**: Dimensions: 23.86" x 34.53" x 12.36" (W x D x H)
- **Weight**: 19.6 lb
- **Units Per Master Carton**: 10
- **Replacement Air Filter**: Dimensions: 3.77" x 12.9" x 1.4" (W x D x H)
- **Weight**: 0.3 lb
- **Master Carton**: Dimensions: 13.6" x 15.8" x 4.0" (W x D x H)
- **Weight**: 4.0 lb
- **Units Per Master Carton**: 10

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1. Color and white light output will vary depending on mode selected. White light output measured using ISO 21118 standard.
2. The Split Screen feature can only use one digital input source at a time. The other source must be an analog source.
3. Projection correction is not supported.
4. The DICOM standard Part 14 and should not be used as a medical diagnostic device.
5. SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.
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