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Table of Contents

♭ REALIS PROJECTOR TECHNOLOGY REDEFINES IMAGE QUALITY ........................................................................................................ 5
♭ REALIS/LV PROJECTOR LINE-UP ........................................................................................................................................ 7

REALIS PRO AV
♭ REALIS WUX5000 / WUX4000 PRO AV PROJECORS .................................................................................................................. 11
♭ REALIS WX6000 PRO AV PROJECTOR ........................................................................................................................................ 13
♭ REALIS SX6000 PRO AV PROJECTOR ........................................................................................................................................ 15
♭ REALIS PRO AV SERIES INTERCHANGEABLE LENSES ................................................................................................................ 17
♭ REALIS WUX450 PRO AV COMPACT INSTALLATION LCOS PROJECTOR ...................................................................................... 19
♭ REALIS WX520 PRO AV COMPACT INSTALLATION LCOS PROJECTOR ...................................................................................... 21
♭ REALIS WUX400ST PRO AV SHORT THROW COMPACT INSTALLATION LCOS PROJECTOR ...................................................... 23
♭ REALIS WX450ST PRO AV SHORT THROW COMPACT INSTALLATION LCOS PROJECTOR ...................................................... 25

REALiS
♭ REALIS SX7 MARK II MULTIMEDIA LCOS PROJECTOR ................................................................................................................ 29
♭ REALIS SX80 MARK II MULTIMEDIA LCOS PROJECTOR ................................................................................................................ 31

MEDICAL EDUCATION
♭ DICOM SIMULATION MODE FOR MEDICAL IMAGING ................................................................................................................ 35

LCD/DLP PROJECTORS
♭ LV-8235 ULTRA-SHORT THROW PROJECTOR .............................................................................................................................. 39
♭ LE-5W MULTIMEDIA PROJECTOR ............................................................................................................................................... 41
♭ LV SERIES MULTIMEDIA LCD PROJECTORS ................................................................................................................................ 43

CASE STUDIES
♭ UNC’s Department of Radiation Oncology Trusts Canon REALiS SX80 Mark II D Projectors To Provide …......................... 47
  Accurate Color And Precise Detail For Important Medical Images
♭ Canon REALiS WUX4000 Installation LCOS Projectors and XF305 Professional HD Camcorders Create …..................... 49
  Value for a University’s Video Display and Capture Requirements

SUPPORT
♭ CANON PROFESSIONAL SERVICE & SUPPORT FOR PROJECTORS .......................................................................................... 53
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visit: canonproresourceguides.com
Canon has created the REALiS line of multimedia projectors to meet the exacting demands of professionals in fields ranging from medical education to the fine arts. Used everywhere from corporate boardrooms and conference rooms to classrooms, photo galleries, and houses of worship, from the largest venues to the most intimate spaces, REALiS projectors are equipped with the technology professionals need to succeed. Incorporating LCOS (Liquid Crystal on Silicon) technology, genuine Canon optics and Canon’s high-accuracy color management system built into our patented AISYS (Aspectual Illumination System) Optical Engine, Canon REALiS projectors are able to reproduce even the most subtle hues and color gradations. High resolution, bright illumination and quiet performance deliver compelling presentations that get the job done. For optimum performance, true-to-life color reproduction, razor-sharp clarity, and outstanding brightness, professionals choose REALiS.

The LCOS Advantage

LCOS (Liquid Crystal On Silicon) is one of the leading projector technologies because of its ability to produce lattice-free, seamless image reproduction with realistic colors and intricate detail down to the smallest text. Thanks to the fast response time of LCOS panels, smooth film-like video also leaps off the screen with impressive quality and integrity. The advantages of LCOS are easy to see for presenter and audience alike: images and video with rich color, deep contrast and sharp resolution.

Comparing Technologies

<table>
<thead>
<tr>
<th>LCOS Projector (Three-Panel)</th>
<th>LCD Projector (Three-Panel)</th>
<th>DLP Projector (Single-Chip)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light from the projector lamp is separated into red, green and blue, and then reflected from each of the three LCOS panels. The separated light is then recombined by the polarized beam splitter. Since the light is reflecting from the LCOS panels, there is virtually no “screen door effect”.</td>
<td>Light from the projector lamp is separated into red, green and blue, then passed through each of the three LCD panels. The separated light is then recombined by a prism. Since the light passes through the LCD panels it tends to create a lattice-like pattern known as the “screen door effect”.</td>
<td>A constantly rotating color wheel reflects red, green, blue, and white image components off a micro-mirror device to produce the projected image. The three primary colors are sequentially displayed and synthesized in the viewer’s brain to produce images perceived as full color.</td>
</tr>
</tbody>
</table>
**Genuine Canon Optics**

Genuine Canon REALIS projection lenses are engineered to maximize the resolution, clarity, color-accuracy, and overall display performance. Many Canon REALIS projector lenses integrate optical technologies developed for Canon’s industry-leading EOS cameras, including aspheric lens elements for very low distortion and Ultra Low Dispersion (UD) elements to reduce chromatic aberration.

**The AISYS Optical Engine**

Canon’s proprietary AISYS Optical Engine enhances image quality by maximizing the performance of the LCOS panels, and efficiently utilizes and equalizes light from the lamp. This results in outstanding brightness, high contrast and exceptional color reproduction. Designed for optimal performance at a minimal size, the AISYS Optical Engine also allows for compact, lightweight, cost-effective projectors.

Canon continues to improve the optical elements incorporated into the AISYS Optical Engine. The uniformity of light has been enhanced to further optimize image quality, and the Polarizing Beam Splitters (PBS) which are integral parts of the color separation and recombination system have been redesigned to achieve more precise light control. REALIS projectors have established the standard in bright, beautiful, high-definition, high-contrast images.

**Interchangeable Lenses**

Canon offers a choice of Pro AV Series interchangeable high-resolution projection lenses for its line of REALIS Pro AV Installation Series projectors. These lenses are designed to deliver high-quality imagery and installation flexibility, with a wide range of throw distances and other optical performance characteristics to suit many different projection environments.

**Proprietary Color Management**

Canon’s Color Management System (CMS) ensures accurate color reproduction for an extended color space, while simultaneously compensating for color variances due to lighting differences. The result is true HD-quality color even in the toughest conditions. Professional image-makers can rely on REALIS projectors to deliver crucial color integrity.

**Rich Blacks**

Precise control prevents the excess leakage of light, producing rich, detailed gradations even in the shadowed portions of images. Depth and dimension are reproduced with all the drama and realism of the source material.

**Adobe RGB Color Match System**

Proprietary color filters incorporated into the AISYS Optical Engine deliver exceptional accuracy and detail in both Adobe RGB and sRGB modes (only available on select models). This is ideal for professional photography, design, publishing, printing and fine art, where color integrity is key.

**6-Axis Color Adjustments**

REALIS projectors offer a 6-Axis Color Adjustment function that allows both hue and saturation adjustments independent of RGB and CMYK color axes. This feature is ideal for professionals with very demanding color requirements.

**Versatile Performance**

**DICOM Simulation Mode**

The DICOM Simulation Mode available in select REALIS “D” projectors is ideal for those in the medical education field. Images such as X-rays, CAT scans and MRIs can be faithfully projected in a clear gray scale tone similar to the DICOM (Digital Imaging and Communications in Medicine) standard. 21 tone settings allow users to accommodate various ambient lighting conditions.*

*REALIS “D” projectors are not cleared or approved for medical diagnosis and should not be used for these purposes.

**Customer First**

**“Triple P” Program**

Canon’s Projector Protection Program, also known as “Triple P,” is a service program that provides a loaner projector of equal or greater quality in the event that a repair must be made.

- Free to any buyer within the 3-year new product limited warranty
- Canon Customer Support Center toll-free hotline: 1-800-828-4040
- Customer Service Hours: 8 a.m. to midnight, Monday - Friday and 10 a.m. to 8 p.m., Saturday EST
- For next business day delivery of loaner projector(s), a Customer Activation Form must be received by Canon Customer Support Center by 3 p.m. EST (Monday - Friday)
- Customer must provide a valid credit card as security for the loaner unit
- Delivery not available on Saturday and Sunday
- Program available for products purchased and utilized in the U.S.A. only
- Applies to Canon Multimedia Projectors only
- Loaner unit based on availability
- Program subject to change at any time without any given notice

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For more info:
1-800-OK-CANON (1-800-652-2666)
usa.canon.com/projectors
The REALiS WUX10 Mark II D, REALis SX7 Mark II D, and REALis SX80 Mark II D projectors are not cleared or approved for medical diagnosis and should not be used for these purposes.
2014 LCD/DLP PROJECTOR LINE-UP

LE-5W
Ultra-Portable LED Projector
- 500 Lumens
- WXGA Resolution (1280 x 800)
- 1:2.1 Throw Ratio
- 3000:1 Contrast Ratio
- 20,000 Hours Life LEDs
- HDMI Digital Input
- Quick On and Off
- “PC Free” presentations
- Built-in 2.5 watt Stereo Speakers

LV-8235 UST
Ultra-Short Throw Projector
- 2500 Lumens
- WXGA Resolution (1280 x 800)
- Display 80 inch image from only 1.05 feet away
- HDMI Digital Input
- 2000:1 Contrast Ratio

LV-8227A
Wide-Screen Display
- 2600 Lumens
- WXGA Resolution (1280 x 800)
- 1.2x Optical Zoom
- HDMI Digital Input
- 3000:1 Contrast Ratio
- Up to 6,000 Hours Lamp Life
- Up to 5,500 Hours Filter Life

LV-8320
Wide-Screen Display
- 3000 Lumens
- WXGA Resolution (1280 x 800)
- 1.8x Optical Zoom
- HDMI Digital Input
- 2000:1 Contrast Ratio
- Up to 5,000 Hours Lamp Life
- Up to 5,500 Hours Filter Life
- RJ-45 Network Connectivity (control only)

LE-5W
Ultra-Portable LED Projector
- 500 Lumens
- WXGA Resolution (1280 x 800)
- 1:2.1 Throw Ratio
- 3000:1 Contrast Ratio
- 20,000 Hours Life LEDs
- HDMI Digital Input
- Quick On and Off
- “PC Free” presentations
- Built-in 2.5 watt Stereo Speakers

LV-7292M
Affordability & Reliability
- 2200 Lumens
- XGA Resolution (1024 x 768)
- 1.2x Optical Zoom
- HDMI Digital Input
- 500:1 Contrast Ratio
- Up to 6,000 Hours Lamp Life
- Up to 5,500 Hours Filter Life
- 1W Built-in Speaker

LV-7297M
Affordability & Reliability
- 2600 Lumens
- XGA Resolution (1024 x 768)
- 1.2x Optical Zoom
- HDMI Digital Input
- 500:1 Contrast Ratio
- Up to 6,000 Hours Lamp Life
- Up to 5,500 Hours Filter Life
- 1W Built-in Speaker

LV-7392A
Advanced Portable
- 3000 Lumens
- XGA Resolution (1024 x 768)
- 1.2x Optical Zoom
- HDMI Digital Input
- 2000:1 Contrast Ratio
- Up to 6,000 Hours Lamp Life
- Up to 5,500 Hours Filter Life
- 10W Built-in Speaker

LV-7490
High Brightness
- 4000 Lumens
- XGA Resolution (1024 x 768)
- 1.2x Optical Zoom
- HDMI Digital Input
- 2000:1 Contrast Ratio
- Up to 5,000 Hours Lamp Life
- Up to 5,500 Hours Filter Life
- 10W Built-in Speaker

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REALiS WUX5000 / WUX4000 PRO AV INSTALLATION LCOS PROJECTORS

**Pro Performance**

The REALiS WUX5000 and REALiS WUX4000 Pro AV Projectors are designed to display bright, high-resolution WUXGA (1920 x 1200) widescreen 16:10 video and still images in larger-venue environments. Rated at 5000 and 4000 lumens respectively, the REALiS WUX5000 and REALiS WUX4000 employ Canon’s advanced AISYS-enhanced LCOS technology for vivid, seamless images with intricate detail, accurate color, crisp contrast, sharp blacks, and HD video with more natural motion. Built-in Canon Color-Correction IC, 3D color LUT (look-up table), dynamic gamma, and memory color-correction combine to provide advanced color refinements. These projectors offer a choice of interchangeable Genuine Canon lenses which include a 1.5x Standard Zoom, 0.8x Ultra Wide-Angle, 1.7x Long Focus Zoom, 1.95x Ultra Long Focus Zoom, and 1.5x Short Focus Zoom Lens— to suit a variety of applications and environments. In addition, a motorized lens shift feature can compensate for moderate projector-placement obstacles and provide installation convenience.

**Key Features**

- Native WUXGA (1920 x 1200) Resolution
- AISYS-Enhanced LCOS Technology
- 5000 Lumens / 4000 Lumens
- 1000:1 Contrast Ratio
- Motorized Lens Shift, Zoom, and Focus
- Full 10-Bit Color
- Versatile Connectivity (HDMI Version 1.3 and DVI-D)
- Optional Interchangeable Genuine Canon Lenses
- WUX5000 D / WUX4000 D features
- DICOM Simulation Mode

**Recommended For:**

- Educational Institutions
- Corporate Boardrooms
- Conference Centers
- Houses of Worship
- Government Offices
- Museums
- Photo Studios / Galleries

*WUXGA resolution shows a significantly larger display area, delivering razor-sharp precision in projected images.*
### Specifications

<table>
<thead>
<tr>
<th>Product Name</th>
<th>WUX5000</th>
<th>WUX4000</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Basic</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Imaging Device</td>
<td>0.7&quot; LCOS Reflective LCD panels x 3</td>
<td></td>
</tr>
<tr>
<td>Aspect Ratio</td>
<td>16:10</td>
<td></td>
</tr>
<tr>
<td>Native Resolution</td>
<td>1920 x 1200 (WUXGA)</td>
<td></td>
</tr>
<tr>
<td>Brightness (Lumens)</td>
<td>5000 (Normal), 3000 (Quartz)</td>
<td></td>
</tr>
<tr>
<td>Uniformity</td>
<td>88%</td>
<td></td>
</tr>
<tr>
<td>Contrast Ratio</td>
<td>1000:1</td>
<td></td>
</tr>
<tr>
<td>Vertical Keystone Correction</td>
<td>-11° ~ +20° for Standard Zoom Lens</td>
<td></td>
</tr>
<tr>
<td>Horizontal Keystone Correction</td>
<td>±20° for Long Focus Zoom Lens</td>
<td></td>
</tr>
<tr>
<td><strong>Image Adjustments</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Image Modifiers</td>
<td>PC, Standard, Presentation, Video, Photo, RGB, User 1~6</td>
<td>Video, Standard, Dynamic, Photo/G8, Video, Cinema, User 1~6</td>
</tr>
<tr>
<td>Mounting</td>
<td>Ceiling, Rear Ceiling, Upside Down, Downwards</td>
<td></td>
</tr>
<tr>
<td><strong>Input Signals</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Digital PC Input</td>
<td>WUXGA / UXGA / WXGA+ / SUXGA+ / WXGA / SUXGA / WXGA+ / UXGA / UXGA+</td>
<td></td>
</tr>
<tr>
<td>Analog PC Input</td>
<td>WUXGA / UXGA / WXGA+ / SUXGA+ / SXGA+ / SXGA / SXGA+ / WXGA+ / UXGA / UXGA+</td>
<td></td>
</tr>
<tr>
<td>Scanning Frequency</td>
<td>H15 ~ 75 MHz, V9 ~ 85 kHz</td>
<td></td>
</tr>
<tr>
<td>Digital Video Input</td>
<td>1080p / 1080i / 720p / 576p / 480p</td>
<td></td>
</tr>
<tr>
<td>Component Input</td>
<td>1080i / 1080p / 720p / 576p / 480p / 480i</td>
<td></td>
</tr>
<tr>
<td><strong>Terminals</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Inputs</td>
<td>DVI / DVI Analog PC / Digital PC Input</td>
<td></td>
</tr>
<tr>
<td>HDMI</td>
<td>Version 1.3 Deep Color / Digital PC / Digital Video Input</td>
<td></td>
</tr>
<tr>
<td>MINI D-SUB 15PIN</td>
<td>Analog PC / Component Video Input</td>
<td></td>
</tr>
<tr>
<td>MINI JACK</td>
<td>Stereo Input x 2 / Stereo Output x 1</td>
<td></td>
</tr>
<tr>
<td>Control</td>
<td>USB Type A / USB Connection</td>
<td></td>
</tr>
<tr>
<td>D-SUB 9PIN</td>
<td>RS-232C Control</td>
<td></td>
</tr>
<tr>
<td>RJ-45</td>
<td>Network (100BASE-TX / 10BASE-T)</td>
<td></td>
</tr>
<tr>
<td><strong>Built-in Speaker</strong></td>
<td>SW (Mono)</td>
<td></td>
</tr>
<tr>
<td><strong>Lamp</strong></td>
<td>330W NSHA (AC)</td>
<td></td>
</tr>
<tr>
<td>Type</td>
<td>310W NSHA (AC)</td>
<td></td>
</tr>
<tr>
<td>Life</td>
<td>3000 (Normal), 4000 (Quartz)</td>
<td></td>
</tr>
<tr>
<td><strong>Remote Control</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sensor</td>
<td>Wireless Infrared, Front/Back</td>
<td></td>
</tr>
<tr>
<td><strong>Ratings</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AVM Noise</td>
<td>40dB (Normal), 38dB (Quiet)</td>
<td></td>
</tr>
<tr>
<td>Power Consumption</td>
<td>450W (Normal), 410W (Quartz)</td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>AC100 ~ 240V, 50 / 60 Hz</td>
<td></td>
</tr>
<tr>
<td>Temperature Operating</td>
<td>41° to 95°F (5° to 35°C)</td>
<td></td>
</tr>
<tr>
<td>Storage</td>
<td>14° to 140°F (-10° to 60°C)</td>
<td></td>
</tr>
<tr>
<td>Dimensions (W x D x H)</td>
<td>15.0&quot; x 16.9&quot; x 6.7&quot; (including protruding parts, without lens)</td>
<td></td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>18.7 lbs (without lens)</td>
<td></td>
</tr>
<tr>
<td><strong>Packaging</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Box Dimensions (L x W x H)</td>
<td>21.30&quot; x 19.60&quot; x 11.80&quot;</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>25.20 lbs</td>
<td></td>
</tr>
<tr>
<td>Carton Dimensions (L x W x H)</td>
<td>21.30&quot; x 19.60&quot; x 11.80&quot;</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>25.20 lbs</td>
<td></td>
</tr>
<tr>
<td>Pallet Dimensions (L x W x H)</td>
<td>48&quot; x 40&quot; x 53.20&quot;</td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>403.20 lbs</td>
<td></td>
</tr>
</tbody>
</table>

### Optional Lens Specifications

<table>
<thead>
<tr>
<th>Product Name</th>
<th>WUX5000</th>
<th>WUX4000</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Throw Ratio</strong></td>
<td>1.49 ~ 2.24:1</td>
<td></td>
</tr>
<tr>
<td><strong>Lens Options</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>RS-01ST Standard Zoom Lens</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Throw Ratio</td>
<td>1.5x Optical Zoom (Powered)</td>
<td></td>
</tr>
<tr>
<td>Focus</td>
<td>Powered</td>
<td></td>
</tr>
<tr>
<td>Screen Size</td>
<td>40&quot; ~ 90&quot;</td>
<td></td>
</tr>
<tr>
<td>Lens Shift</td>
<td>Vertical Down 15%, Up 55% / Horizontal Left 10% ~ Right 10%</td>
<td></td>
</tr>
<tr>
<td><strong>RS-02LZ Long Focus Zoom Lens</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Throw Ratio</td>
<td>2.19 ~ 3.74:1</td>
<td></td>
</tr>
<tr>
<td><strong>RS-03MF Ultra Wide-Angle Lens</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Throw Ratio</td>
<td>0.7x Optical Zoom (Powered)</td>
<td></td>
</tr>
<tr>
<td>Focus</td>
<td>Powered</td>
<td></td>
</tr>
<tr>
<td>Screen Size</td>
<td>40&quot; ~ 60&quot;</td>
<td></td>
</tr>
<tr>
<td>Lens Shift</td>
<td>Vertical Down 15%, Up 55% / Horizontal Left 2%, Right 2%</td>
<td></td>
</tr>
<tr>
<td><strong>RS-04UL Ultra Long Focus Zoom Lens</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Throw Ratio</td>
<td>3.26 ~ 5.35:1</td>
<td></td>
</tr>
<tr>
<td><strong>RS-05WZ Short Focus Zoom Lens</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Throw Ratio</td>
<td>1.5x Optical Zoom (Powered)</td>
<td></td>
</tr>
<tr>
<td>Focus</td>
<td>Powered</td>
<td></td>
</tr>
<tr>
<td>Screen Size</td>
<td>60&quot; ~ 100&quot;</td>
<td></td>
</tr>
<tr>
<td>Lens Shift</td>
<td>Vertical Down 15%, Up 55% / Horizontal Left 10% ~ Right 10%</td>
<td></td>
</tr>
</tbody>
</table>

### Optional Accessories

- **Item Code No.**
- **Description**
- 4966B001 Standard Zoom Lens RS-01ST
- 4967B001 Long Focus Lens RS-02LZ
- 4968B001 Ultra Wide Angle Lens RS-03MF
- 4969B001 Ultra Long Focus Lens RS-04UL
- 4970B001 Short Focus Lens RS-05WZ
- 5017B001 Replacement Lamp RS-LP07
- 4971B001 Replacement Air Filter RS-F01
- 5759B001 Wired Remote Controller RS-RC05
- 4989B001 Ceiling Mount RS-CL1
- 3669B001 Ceiling Extension RS-CL08 (16" ~ 24")
- 3699B001 Ceiling Extension RS-CL09 (24" ~ 39")
- 5471B001 Top Cover RS-TCD (Dark Grey)

Optional Interchangeable Lenses

A series of high-resolution Genuine Canon interchangeable lenses are available for REALIS Pro AV Installation Projectors. These include a 1.5x Standard Zoom Lens, 0.8x Ultra Wide Angle Lens, 1.7x Long Focus Zoom Lens, 1.95x Ultra Long Focus Zoom Lens and 1.5x Short Focus Zoom Lens. All lenses incorporate advanced low-distortion and high-resolution optical technologies originally developed for Canon's EOS DSLR camera lenses.

### What's in the Box

- Projector
- Remote Control (AAA batteries x2)
- Warranty Card
- Power Cord
- VGA-VGA Computer Cable
- User’s/Installation Manual (CD)

**Connectability**

- LVDS N/W Port
- DVI Port
- HDMI
- D-Sub (9Pin) (RS-232C)
- Audio Out
- Audio In (2)

---

*The maximum upward shift and the maximum horizontal shift cannot be used simultaneously.*
REALiS WX6000 PRO AV
INSTALLATION LCOS PROJECTOR

Next-Generation Imaging Quality

Full 16:10 aspect ratio display of widescreen imagery from laptop and desktop computers – and from Blu-ray players and other high definition sources connected via handy HDMI 1.3 or DVI-I connectors – is easily accomplished using the REALiS WX6000 Pro AV Projector. Equipped with new LCOS (Liquid Crystal on Silicon) display panels featuring an improved pixel-spacing aperture ratio of 96% for seamless imagery – and enhanced by Canon’s revolutionary AISYS (Aspectual Illumination System) optical technology – the REALiS WX6000 displays exceptional 5700 lumen video and still images at WXGA+ (1440 x 900) resolution. Added advantages to the WX6000’s advanced imaging technologies include better white balance, improved reliability and durability, and outstanding energy efficiency. Advanced color tools (6-axis Color Adjustment, Color Correction IC, and 3D Color LUT) also help provide high color reproducibility and user control.

Key Features

- Native WXGA+ (1440 x 900) Resolution
- AISYS-Enhanced LCOS Technology
- 5700 Lumen Brightness
- 1000:1 Contrast Ratio
- LCOS Panel with 96% Aperture Ratio
- Motorized Lens Shift, Zoom, and Focus
- Outstanding Energy Efficiency
- Optional Interchangeable Genuine Canon Lenses

Recommended For:

- Higher Education
- Houses of Worship
- Museums
- Conference Centers
- Engineering Labs
- Government and Military
- Photo Studios/Galleries

New 96% aperture ratio LCOS panels help provide seamless imagery and also offer increased burn-in resistance.
## OPTIONAL ACCESSORIES

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4966B001</td>
<td>Standard Zoom Lens RS-L01ST</td>
</tr>
<tr>
<td>4967B001</td>
<td>Long Focus Zoom Lens RS-L02LZ</td>
</tr>
<tr>
<td>4968B001</td>
<td>Ultra Wide-Angle Lens RS-L03WRF</td>
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<td>6955B001</td>
<td>Ultra Long Focus Zoom Lens RS-L04UL</td>
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<tr>
<td>8158B001</td>
<td>Short Focus Zoom Lens RS-L05WZ</td>
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<tr>
<td>5017B001</td>
<td>Replacement Lamp RS-L-P7</td>
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<tr>
<td>4971B001</td>
<td>Replacement Air Filter RS-FP-01</td>
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<tr>
<td>5750B001</td>
<td>Remote Controller RS-RC03 (Wired Connection Option)</td>
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<tr>
<td>7066B001</td>
<td>Ceiling Mount RS-CL1</td>
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<tr>
<td>5991B001</td>
<td>Ceiling Extension RS-CLUB (76&quot; – 24&quot;)</td>
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<td>5997B001</td>
<td>Ceiling Extension RS-CLUB (24&quot; – 39&quot;)</td>
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<tr>
<td>5471B001</td>
<td>Top Cover RS-TGD1 (Dark Grey)</td>
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### Optional Interchangeable Genuine Canon Lenses

A series of high-resolution Genuine Canon interchangeable lenses are available for REALIS Pro AV Installation Projectors. These include a 1.5x Standard Zoom Lens, 0.8x Ultra Wide Angle Lens, 1.7x Long Focus Zoom Lens, 1.95x Ultra Long Focus Zoom Lens and 1.5x Short Focus Zoom Lens. All lenses incorporate advanced low-distortion and high-resolution optical technologies originally developed for Canon’s EOS DSLR camera lenses.

### Connectability

- Projector
- Power Cord
- VGA-VGA Computer Cable
- Remote Control (AAA size x2)
- Warranty Card

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For more info: 1-800-O-K-CANON (1-800-652-2666) pro.usa.canon.com

016W723 01/14
REALiS SX6000 PRO AV INSTALLATION LCOS PROJECTOR

A Bright Performer

Equipped with new LCOS (Liquid Crystal on Silicon) display panels featuring an improved pixel-spacing aperture ratio of 96% for virtually seamless imagery — and enhanced by Canon’s revolutionary AISYS (Aspectual Illumination System) optical technology — the REALiS SX6000 Pro AV Projector displays exceptional 6000 lumen video and still images at SXGA+ (1400 x 1050) resolution. Added advantages to the SX6000’s advanced imaging technologies include better white balance, improved reliability and durability, and outstanding energy efficiency. Advanced color tools (6-axis Color Adjustment, Color Correction IC, and 3D Color LUT) also provide high color reproducibility. Multiple image modes, integrated test patterns, a choice of optional genuine Canon projection lenses, expanded interfaces (including DVI-I and HDMI 1.3), an advanced wired remote control and installer-friendly features makes the REALiS SX6000 a superb choice for many presentation venues.

Key Features

- Native SXGA+ (1400 x 1050) Resolution
- AISYS-Enhanced LCOS Technology
- 6000 Lumen Brightness
- 1000:1 Contrast Ratio
- LCOS Panel with 96% Aperture Ratio
- Motorized Lens Shift, Zoom, and Focus
- Outstanding Energy Efficiency
- Optional Interchangeable Genuine Canon Lenses

Recommended For:

- Higher Education
- Houses of Worship
- Museums
- Conference Centers
- Engineering Labs
- Government and Military
- Photo Studios/Galleries
## REALIS SX6000 PRO AV INSTALLATION LCOS PROJECTOR

**PRODUCT NAME:** REALIS SX6000  
**ITEM CODE:** 5749B002  
**UPC CODE:** 013803142563

### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Category</th>
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<td>REALIS SX6000</td>
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<tr>
<td><strong>CONTROL</strong></td>
<td>Remote Control</td>
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<tr>
<td><strong>OPTIONAL LENS SPECIFICATIONS</strong></td>
<td></td>
</tr>
<tr>
<td><strong>INPUT SIGNALS</strong></td>
<td>Digital PC input: VGA / WSGA / SXGA+ / WXGA / SXGA / XGA / SVGA / VGA</td>
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<td><strong>TERMINALS</strong></td>
<td>HDMI: Version 1.3 Deep Color, Digital PC / Digital Video Input</td>
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<tr>
<td><strong>LAMP</strong></td>
<td>350W NIS (AC)</td>
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<tr>
<td><strong>REMOTE CONTROL</strong></td>
<td>Wireless infrared, Front/Back Wired Remote Control Connection</td>
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<tr>
<td><strong>RATING</strong></td>
<td>Power Consumption: 435W / 1.7W (Standby) / 0.35W (Standby with LAN off)</td>
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<td><strong>OPTIONAL ACCESSORIES</strong></td>
<td></td>
</tr>
<tr>
<td><strong>WHAT'S IN THE BOX</strong></td>
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</tr>
<tr>
<td><strong>OPTIONAL LENS SPECIFICATIONS</strong></td>
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### OPTIONAL LENS SPECIFICATIONS

<table>
<thead>
<tr>
<th>LENS OPTIONS</th>
<th>THROW RATIO</th>
<th>PROJECTION LENS</th>
<th>ZOOM</th>
<th>FOCUS</th>
<th>SCREEN SIZE</th>
<th>LENS SHIFT</th>
<th>PROJECTION DISTANCE</th>
<th>ZOOM</th>
<th>FOCUS</th>
<th>SCREEN SIZE</th>
<th>LENS SHIFT</th>
<th>PROJECTION DISTANCE</th>
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<tbody>
<tr>
<td><strong>RS-IL01ST</strong></td>
<td>1.50 - 2.38L</td>
<td>17.89 - 28.65L</td>
<td>2.0L</td>
<td>Fixed</td>
<td>40° x 60°</td>
<td>Vertical: Down 12% - Up 50% / Horizontal Left 10% - Right 10%</td>
<td>4.0 – 6.0m (13.1 ft – 19.7 ft)</td>
<td>1.95 Optical Zoom (Powered)</td>
<td>40° x 60°</td>
<td>Vertical: Down 12% - Up 50% / Horizontal Left 10% - Right 10%</td>
<td>4.0 – 6.0m (13.1 ft – 19.7 ft)</td>
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<tr>
<td><strong>RS-IL02L</strong></td>
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<td>17.89 - 28.65L</td>
<td>2.0L</td>
<td>Fixed</td>
<td>40° x 60°</td>
<td>Vertical: Down 12% - Up 50% / Horizontal Left 10% - Right 10%</td>
<td>4.0 – 6.0m (13.1 ft – 19.7 ft)</td>
<td>1.95 Optical Zoom (Powered)</td>
<td>40° x 60°</td>
<td>Vertical: Down 12% - Up 50% / Horizontal Left 10% - Right 10%</td>
<td>4.0 – 6.0m (13.1 ft – 19.7 ft)</td>
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<tr>
<td><strong>RS-IL03WF</strong></td>
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<td>17.89 - 28.65L</td>
<td>2.0L</td>
<td>Fixed</td>
<td>40° x 60°</td>
<td>Vertical: Down 12% - Up 50% / Horizontal Left 10% - Right 10%</td>
<td>4.0 – 6.0m (13.1 ft – 19.7 ft)</td>
<td>1.95 Optical Zoom (Powered)</td>
<td>40° x 60°</td>
<td>Vertical: Down 12% - Up 50% / Horizontal Left 10% - Right 10%</td>
<td>4.0 – 6.0m (13.1 ft – 19.7 ft)</td>
<td></td>
</tr>
</tbody>
</table>

### Optional Interchangeable Genuine Canon Lenses

A series of high-resolution Genuine Canon interchangeable lenses are available for REALIS Pro AV Installation Projectors. These include a 1.5x Standard Zoom Lens, 0.8x Ultra Wide Angle Lens, 1.7x Long Focus Zoom Lens, 1.95x Ultra Long Focus Zoom Lens and 1.5x Short Focus Zoom Lens. All lenses incorporate advanced low-distortion and high-resolution optical technologies originally developed for Canon’s EOS DSLR camera lenses.

### Connectability

- **Projector**
- **Power Cord**
- **VGA-VGA Computer Cable**
- **Remote Control** (AA4 size x2)
- **Warranty Card**

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For more info: 1-800-OH-CANON (1-800-652-2666) pro.usa.canon.com

*The maximum upward shift and the maximum horizontal shift cannot be used simultaneously.*
Canon offers a choice of Pro AV Series interchangeable high-resolution projection lenses for its line of REALiS Pro AV Installation Series projectors. These lenses are designed to deliver high-quality imagery and installation flexibility, with a wide range of throw distances and other optical performance benefits to suit many different projection environments.

Canon REALiS Pro AV Installation Series interchangeable lenses provide the color accuracy and image quality that users expect from a fixed projection lens, combined with installation flexibility to meet various projection needs. All of the lenses in the REALiS Pro AV Installation Series include features developed from Canon’s industry-leading EOS technology, including aspherical lens elements for very low distortion and Ultra Low Dispersion (UD) elements to help reduce chromatic aberration. There is also minimal image quality change and minimal light loss throughout the zoom range. This family of lenses is also similarly sized to fit within the space of Canon REALiS Pro AV Installation Series projectors, thus providing flexibility in mounting options.

**Standard Zoom Lens RS-IL01ST**
- Throw Ratio
  - WUX5000: 1.49 - 2.24:1
  - WUX4000: 1.49 - 2.24:1
  - WX6000: 1.62 - 2.43:1
  - SX6000: 1.57 - 2.36:1
- 1.5x Powered Optical Zoom Lens
- F number: F1.89 - 2.65
- Focal Length: f=23.0 - 34.5 mm
- Optimized for 40 to 600 in. Screens

**Long Focus Zoom Lens RS-IL02LZ**
- Throw Ratio
  - WUX5000: 2.19 - 3.74:1
  - WUX4000: 2.19 - 3.74:1
  - WX6000: 2.38 - 4.06:1
  - SX6000: 2.31 - 3.94:1
- 1.7x Powered Optical Zoom Lens
- F number: F1.99 - 2.83
- Focal length: f=34.0 - 57.7 mm
- Optimized for 40 to 600 in. Screens

**Ultra Wide Angle Lens RS-IL03WF**
- Throw Ratio
  - WUX5000: 0.80:1
  - WUX4000: 0.80:1
  - WX6000: 0.87:1
  - SX6000: 0.85:1
- 0.8x Fixed Ultra Wide Angle Lens
- F number: F2.0
- Focal length: f=12.8 mm
- Optimized for 40 to 600 in. Screens

**Ultra Long Focus Zoom Lens RS-IL04UL**
- Throw Ratio
  - WUX5000: 3.76 - 7.35:1
  - WUX4000: 3.76 - 7.35:1
  - WX6000: 3.86 - 7.54:1
  - SX6000: 3.74 - 7.32:1
- 1.95x Ultra Long Focus Zoom Lens
- F number: F2.34 – 2.81
- Focal length: f=53.6 - 105.6 mm
- Optimized for 60 to 600 in. Screens

**Short Focus Zoom Lens RS-IL05WZ**
- Throw Ratio
  - WUX5000: 1.00 - 1.50:1
  - WUX4000: 1.00 - 1.50:1
  - WX6000: 1.03 - 1.54:1
  - SX6000: 1.06 - 1.58:1
- 1.5x Short Focus Zoom Lens
- F number: F2.09 – 2.34
- Focal length: f=15.56 - 23.34 mm
- Optimized for 40 to 600 in. Screens
## Specifications

### Standard Zoom Lens RS-IL01ST

<table>
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<tr>
<th>Item Code</th>
<th>4968B001</th>
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</table>
| **Throw Ratio** | WUX5000 / WUX4000: 1.49 - 2.24:1  
WUX6000: 1.62 - 2.43:1  
SX6000: 1.57 - 2.36:1 |
| **F Number** | F1.89 - 2.65 |
| **Focal Length** | 1 - 23.0 - 34.5 mm |
| **Zoom Ratio and Focus** | 1.5x Optical Zoom (Powered) |
| **Screen Size** | 40 - 600 inches |
| **Lens Shift** | WUX4000 / WUX5000 / WUX6000: (V) -15% ~ 55%  
(SX6000: (V) -12% ~ 50%  
(H) ±10% |
| **Optical Construction** | 11 groups in 14 elements |

### Long Focus Zoom Lens RS-IL02LZ

<table>
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<th>Item Code</th>
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</table>
| **Throw Ratio** | WUX5000 / WUX4000: 2.19 - 3.74:1  
WUX6000: 2.38 - 4.06:1  
SX6000: 2.31 - 3.94:1 |
| **F Number** | F1.98 - 2.83 |
| **Focal Length** | 1 - 34.0 - 57.7 mm |
| **Zoom Ratio and Focus** | 1.7x Optical Zoom (Powered) |
| **Screen Size** | 40 - 600 inches |
| **Lens Shift** | WUX4000 / WUX5000 / WUX6000: (V) -15% ~ 55%  
(SX6000: (V) -12% ~ 50%  
(H) ±10% |
| **Optical Construction** | 11 groups in 15 elements |

### Ultra Wide Angle Lens RS-IL03WF

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<th>Item Code</th>
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| **Throw Ratio** | WUX5000 / WUX4000: 0.80:1  
WUX6000: 0.87:1  
SX6000: 0.85:1 |
| **F Number** | F2.0 |
| **Focal Length** | f = 12.8 mm |
| **Zoom Ratio and Focus** | Fixed (Powered) |
| **Screen Size** | 40 - 300 inches |
| **Lens Shift** | WUX4000 / WUX5000 / WUX6000: (V) ±5%  
(H) ±2%  
(SX6000: (V) ±5%  
(H) ±2% |
| **Optical Construction** | 10 groups in 14 elements |

### Ultra Long Focus Zoom Lens RS-IL04UL

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| **Throw Ratio** | WUX5000 / WUX4000: 3.76 - 7.35:1  
WUX6000: 3.86 - 7.54:1  
SX6000: 3.74 - 7.32:1 |
| **F Number** | F2.34 - 2.81 |
| **Focal Length** | f = 53.8 - 105.6 mm |
| **Zoom Ratio and Focus** | 1.95x Optical Zoom (Powered) |
| **Screen Size** | 60 - 600 inches |
| **Lens Shift** | WUX4000 / WUX5000 / WUX6000: (V) -15% ~ 55%  
(SX6000: (V) -12% ~ 50%  
(H) ±10% |
| **Optical Construction** | 11 groups in 16 elements |

### Short Focus Zoom Lens RS-IL05WZ

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<th>Item Code</th>
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</table>
| **Throw Ratio** | WUX5000 / WUX4000: 1.00 - 1.50:1  
WUX6000: 1.00 - 1.54:1  
SX6000: 1.06 - 1.58:1 |
| **F Number** | F2.09 - 2.34 |
| **Focal Length** | f = 15.56 - 23.34 mm |
| **Zoom Ratio and Focus** | 1.5x Optical Zoom (Powered) |
| **Screen Size** | 40 - 600 inches |
| **Lens Shift** | WUX4000 / WUX5000 / WUX6000: (V) -10% ~ 55%  
(SX6000: (V) -12% ~ 50%  
(H) ±10% |
| **Optical Construction** | 11 groups in 15 elements |

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The Canon REALiS WUX450 Pro AV Compact Installation LCOS Projector combines the exceptional picture quality of large installation projectors with the plug-and-play convenience of portables. A trim 13 lb. unit, the Canon REALiS WUX450 delivers WUXGA (1920 x 1200) resolution 16:10 widescreen images with 4500 lumens of brightness and a 2000:1 contrast ratio. Built into the REALiS WUX450 is a next-generation Canon AISYS 5.0 optical engine that maximizes the imaging performance of the projector’s advanced Canon LCOS display panels. The REALiS WUX450 also features a sophisticated Canon optical solution that delivers a consistent fixed f/2.8 aperture with no brightness fall-off throughout its entire 1.8x zoom range. Advanced features include four point keystone correction, simultaneous Picture-by-Picture HDMI and DVI split-screen display, built-in edge blending with easy registration adjustment, and manual lens-shift adjustment for installation flexibility and projector stacking. A full suite of networking features including full control over IP and content streaming, and a Network Multi Projection system that allows for video streaming (not audio) via LAN to the projector in multiple modes. A new long-life filter system and projection lamp provides easy maintenance and lower total cost of ownership.

Key Features

- Compact and Lightweight
- Native WUXGA (1920 x 1200) Resolution
- AISYS-enhanced LCOS Technology
- 4500 Lumens
- Throw Ratio 1.39-2.51:1
- Lens shift (V: 0% - 60%, H: ±10%)
- Supports 24p Video
- Consistent Fixed f/2.8 Aperture with no Brightness Fall-Off Throughout its Entire 1.8x Zoom Range
- Network Multi Projection
- Built-in Edge Blending Function
- Outstanding Power Efficiency

Canon’s REALiS Pro AV Compact Installation LCOS Projectors offer full projector light output regardless of the zoom position.
REALIS WUX450 PRO AV COMPACT INSTALLATION LCOS PROJECTOR

PRODUCT NAME: REALIS WUX450  ITEM CODE: 8264B002  UPC CODE: 013803215342

Flexible Network Management

Built into the new Canon REALIS WUX450 is a full suite of networking features, including full control over IP and content streaming. An Ethernet (LAN) interface enables advanced remote control and monitoring capabilities (including power management, usage tracking, and other control functions). Key networking features also include a content-streaming capability, which does not require dedicated software and allows one or more PCs to connect to a projector over a standard LAN to share content. This NMPJ (Network Multi Projection) system has the ability to show content from up to four different PCs on a single screen (in Classroom Mode only). Content can be streamed from any point with a network connection to a projector, either within a room or in multiple locations, simplifying installation. And the REALIS WUX450 offers placement flexibility with its sophisticated Canon optical solution which delivers a consistent fixed aperture of f/2.8. This means that there is no light lost across its entire 1.8x zoom range, so users get the lumens they need – and paid for – when adding distance or zooming.

Connectability

WHAT'S IN THE BOX

- Projector
- VGA-VGA Cable
- Lens Cap
- Warranty Card
- Instruction Book (CD-ROM)
- Important Information (Book)

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For more info:
1-800-OK-CANON (1-800-652-2666)
pro.usa.canon.com

OPTIONAL ACCESSORIES

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<th>Item Code No</th>
<th>Description</th>
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<td>Replacement Lamp RS-LP56</td>
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<tr>
<td>3096B001</td>
<td>Ceiling Extension RS-CL08 (16” - 24”)</td>
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<tr>
<td>3097B001</td>
<td>Ceiling Extension RS-CL09 (24” - 39”)</td>
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<td>8378B001</td>
<td>Ceiling Attachment RS-CL12</td>
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<td>8680B001</td>
<td>Ceiling Attachment RS-CL13</td>
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<tr>
<td>8378B001</td>
<td>Replacement Air Filter RS-FL02</td>
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<td>8380B001</td>
<td>Option Foot RS-FT01</td>
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<td>5750B001</td>
<td>Remote Controller RS-RD05</td>
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<td>Remote Controller RS-RD06</td>
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<tr>
<td>2482V754</td>
<td>Compact Install Shipping Case</td>
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REALiS WX520 PRO AV
COMPACT INSTALLATION LCOS PROJECTOR

Easy-Fit Compact Installation Projector

The Canon REALiS WX520 Pro AV Compact Installation LCOS Projector combines the exceptional picture quality of large installation projectors with the plug-and-play convenience of portables. A trim 13 lb. unit, the Canon REALiS WX520 delivers WXGA+ (1440 x 900) resolution 16:10 widescreen images with 5200 lumens of brightness and a 2000:1 contrast ratio. Built into the REALiS WX520 is a next-generation Canon AISYS 5.0 optical engine that maximizes the imaging performance of the projector's advanced Canon LCOS display panels. The REALiS WX520 also features a sophisticated Canon optical solution that delivers a consistent fixed f/2.8 aperture with no brightness fall-off throughout its entire 1.8x zoom range. Advanced features include four point keystone correction, simultaneous Picture-by-Picture HDMI and DVI split-screen display, built-in edge blending with easy registration adjustment, and manual lens-shift adjustment for installation flexibility and projector stacking. A full suite of networking features including full control over IP and content streaming, and a Network Multi Projection system that allows for video streaming (not audio) via LAN to the projector in multiple modes. A new long-life filter system and projection lamp provides easy maintenance and lower total cost of ownership.

Key Features

- Compact and Lightweight
- Native WXGA+ (1440 x 900) Resolution
- AISYS-enhanced LCOS Technology
- Throw Ratio 1.43-2.57:1
- 5200 Lumens
- Lens shift (V: 0-62% / H: ±10%)
- Supports 24p Video
- Consistent Fixed f/2.8 Aperture with no Brightness Fall-Off Throughout its Entire 1.8x Zoom Range
- Network Multi Projection
- Built-in Edge Blending Function
- Outstanding Power Efficiency

Recommended For:
- Large Classrooms
- Educational Facilities
- Lecture Halls
- Auditoriums
- Houses of Worship
- Museums and Galleries
- Corporate Board Rooms
- Conference Rooms
- Ad Agencies
- Photo Studios
- Postproduction Facilities
- Simulation Centers
- Government
REALIS WX520 PRO AV COMPACT INSTALLATION LCOS PROJECTOR

PRODUCT NAME: REALIS WX520  ITEM CODE: 8265B002  UPC CODE: 013803215366

SPECIFICATIONS

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<tr>
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<td>IMAGING DEVICE</td>
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<tr>
<td>ASPECT RATIO</td>
<td>16:10</td>
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<tr>
<td>THROW RATIO</td>
<td>1.42 - 2.57:1</td>
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<tr>
<td>NATIVE RESOLUTION</td>
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<tr>
<td>BRIGHTNESS</td>
<td>5200 Lumens / 4000 (Power Saver Mode)</td>
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<tr>
<td>UNIFORMITY</td>
<td>90%</td>
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<tr>
<td>CONTRAST RATIO</td>
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<td>KEYSTONE CORRECTION</td>
<td>VERTICAL ± 20°  HORIZONTAL ± 20°</td>
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<td>MOUNTING</td>
<td>Ceiling, Rear, Rear-Ceiling, Upward, Downward</td>
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<tr>
<td>TILT ANGLE</td>
<td>Adjustable up to 6 degrees</td>
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<tr>
<td>DIGITAL PC INPUT</td>
<td>WXGA / UXGA / WSXGA+ / SXGA+ / WXGA+ / SXGA+ / XGA / SXGA / VGA</td>
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<td>1080p / 1080i / 720p / 576p / 480p</td>
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<tr>
<td>MINI-D-SUB 15PIN</td>
<td>Analog PC / Component Video Input</td>
</tr>
<tr>
<td>MINI-JACK</td>
<td>Stereo Input x 2 / Stereo Output x 1</td>
</tr>
<tr>
<td>USB TYPE A</td>
<td>USB Connection</td>
</tr>
<tr>
<td>D-SUB 9PIN</td>
<td>RS-232C Control</td>
</tr>
<tr>
<td>RJ-45</td>
<td>Network (1000BASE-T / 100BASE-TX / 10BASE-T)</td>
</tr>
<tr>
<td>BUILT-IN SPEAKER</td>
<td>5W (Mono)</td>
</tr>
<tr>
<td>LAMP TYPE</td>
<td>250W NSH (AC)</td>
</tr>
<tr>
<td>POWER</td>
<td>280W / 200W (Power Saver)</td>
</tr>
<tr>
<td>LIFE</td>
<td>3000 Hours / 5000 Hours (Eco Mode)</td>
</tr>
<tr>
<td>REMOTE CONTROL SENSOR</td>
<td>Wireless Infrared, Front/Back Wired Remote Control Connection</td>
</tr>
<tr>
<td>FAN NOISE</td>
<td>38 / 32 dB (Full power/Power saver)</td>
</tr>
<tr>
<td>POWER CONSUMPTION</td>
<td>350W / 285W (Full Power/Power Saver)</td>
</tr>
<tr>
<td>VOLTAGE</td>
<td>AC100 – 240V, 50 / 60 Hz</td>
</tr>
<tr>
<td>TEMPERATURE OPERATING</td>
<td>32° to 104°F (0° to 40°C)</td>
</tr>
<tr>
<td>STORAGE</td>
<td>14° to 140°F (-10° to 60°C)</td>
</tr>
<tr>
<td>DIMENSIONS (W X D X H)</td>
<td>13.3 x 14.6 x 5.3in. (including protruding parts)</td>
</tr>
<tr>
<td>WEIGHT</td>
<td>13 lb. (5.9kg)</td>
</tr>
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</table>

OPTIONAL ACCESSORIES

<table>
<thead>
<tr>
<th>Item Code No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8377B001</td>
<td>Replacement Lamp RS-LP68</td>
</tr>
<tr>
<td>3098B001</td>
<td>Ceiling Extension RS-CLE8 (16&quot; - 24&quot;)</td>
</tr>
<tr>
<td>3097B001</td>
<td>Ceiling Extension RS-CLE9 (24&quot; - 39&quot;)</td>
</tr>
<tr>
<td>8378B001</td>
<td>Ceiling Attachment RS-CL12</td>
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<tr>
<td>868D001</td>
<td>Ceiling Attachment RS-CL13</td>
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<tr>
<td>8379B001</td>
<td>Replacement Air Filter RS-FL02</td>
</tr>
<tr>
<td>8380B001</td>
<td>Option Foot RS-ST01</td>
</tr>
<tr>
<td>5750B001</td>
<td>Remote Controller RS-RC05</td>
</tr>
<tr>
<td>8381B001</td>
<td>Remote Controller RS-RC06</td>
</tr>
<tr>
<td>2482V754</td>
<td>Compact Install Shipping Case</td>
</tr>
</tbody>
</table>

KEY FEATURES / TECHNOLOGY

Flexible Installation and Easy Maintenance

Approximately 25 percent smaller than previous Canon Pro AV Series projectors, the REALIS WX520 compact installation projector features a new heat-exhaust design and a flat chassis that allows for a wide variety of installation-placement choices. Optional feet can be installed on the top of the projector for inverted ceiling-type mounts. Two units can be stacked to double light output, yet still fit into a compact space. The 1.8x zoom lens built into the projector includes a mechanical lens-shift feature for increased installation flexibility, enabling the REALIS WX520 to be installed vertically, pointing up or downwards. Canon’s sophisticated optical solutions deliver a consistent fixed aperture of 1/2.8. This means that there is no light lost throughout its entire 1.8x zoom range, so users get the lumens they need – and paid for – when adding distance or zooming. Low “TV distortion” characteristics (0.1%) provide clean, uniform edge blends both horizontally and vertically. Maintenance is simplified by a long-life lamp of up to 5000 hours (when in Eco mode) and an enhanced filter system that eliminates the need for filter replacements (with proper maintenance). Power consumption of the REALIS WX520 projectors equals less than .068 watts when powered on.

Connectability

WHAT’S IN THE BOX

- Projector
- Remote Control  (AAA batteries x2)
- Power Cord  VGA-VGA Cable
- Lens Cap  Warranty Card
- Instruction Book  (CD-ROM)
- Important Information (Book)

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For more info:
1-800-OK-CANON (1-800-652-2666)
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For more info:
1-800-OK-CANON (1-800-652-2666)
pro.usa.canon.com
High Resolution Short Throw Compact Installation

The REALiS WUX400ST Pro AV Short Throw Compact Installation LCOS Projector delivers high resolution WUXGA (1920 x 1200) widescreen 16:10 video and still images with 4000 lumens of brightness and a 2000:1 contrast ratio. With a throw ratio of 0.56:1, the projector’s advanced Genuine Canon lens allows for displaying a full 7 ft. wide image from less than 4 ft. away. Furthermore, the unit can accommodate a wide range of installation environments with its large lens shift range (V: 0-75% / H: ±10%). These features allow flexibility in projector placement, easier set-up, and reduces the amount of space required for front- or rear-projection, while also ensuring high brightness and distortion-free image quality. For greater flexibility, this compact and lightweight (under 14 lb.) unit has a flat design, new heat exhaustion system, and offers optional feet to support a wide range of installation configurations including stacking and high-precision positioning even when installing the projector upside down with a flush ceiling mount. Another result of the new design concept is its outstanding energy efficiency when powered on and in standby mode. The Canon REALIS WUX400ST also features a next-generation Canon AISYS 5.0 optical engine, built-in edge blending with easy registration adjustment, and Picture-by-Picture display that simultaneously projects two high quality images from HDMI and DVI. Networking features include full control over IP and a Network Multi Projection function that allows for video streaming (not audio) via LAN to the projector in multiple modes.

Key Features

- Native WUXGA (1920 x 1200) Resolution
- AISYS-enhanced LCOS Technology
- 4000 Lumens
- Throw Ratio 0.56:1
- Lens Shift for Flexible Installation
  (V: 0-75% / H: ±10%)
- Supports 24p Video
- Electronic Zoom Function with Fixed Top Position
- Network Multi Projection
- Built-in Edge Blending Function
- Outstanding Power Efficiency
- WUX400ST D features DICOM Simulation Mode

Recommended For:

- Large Classrooms
- Lecture Halls
- Auditoriums
- Houses of Worship
- Educational Facilities
- Museums and Galleries
- Corporate Board Rooms
- Conference Rooms
- Ad Agencies
- Photo Studios
- Digital Signage
- Simulation Centers
- Government
- Digital Signage
**REALiS WUX400ST PRO AV COMPACT INSTALLATION LCOS PROJECTOR**

**PROFESSIONAL PRODUCTS**

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Imaging Device</th>
<th>0.71” LCoS Reflective LCD panels x 3</th>
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<tbody>
<tr>
<td>Aspect Ratio</td>
<td>16:10</td>
</tr>
<tr>
<td>Throw Ratio</td>
<td>0.56:1</td>
</tr>
<tr>
<td>Native Resolution</td>
<td>1920 x 1200 (WUXGA)</td>
</tr>
<tr>
<td>Brightness</td>
<td>4000 Lumens / 3080 (Power Saver Mode)</td>
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<tr>
<td>Contrast Ratio</td>
<td>2000:1</td>
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<tr>
<td>Lens Shift</td>
<td>V: 0%-75%, H: ±10%</td>
</tr>
<tr>
<td>Keystone Correction</td>
<td>V: ± 12°, H: ±12°</td>
</tr>
</tbody>
</table>

**Image Adjustments**

<table>
<thead>
<tr>
<th>Mounting</th>
<th>Ceiling, Rear, Rear-Ceiling, Upward, Downward</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tilt Angle</td>
<td>Adjustable feet up to 6 degrees</td>
</tr>
</tbody>
</table>

**Input Signals**

| Digital PC Input | WUXGA/UXGA/WsXGA+/sXGa+/WXGa+/fWXGa/WXGa/sXGa/XGa/sVGa/VGa |
| Analog PC Input | WUXGA/UXGA/WsXGA+/sXGa+/WXGa+/fWXGa/WXGa/sXGa/XGa/sVGa/VGa |
| Digital Video Input | 1080P / 1080i / 720p / 576p / 480p                   |
| Component Input | 1080P / 1080i / 720p / 576p / 576i / 480p / 480i   |
| USB Data Transfer | JPEG SW Image                                   |

**Input**

| HDMI | Analog PC / Digital PC Input |
| MINI-D-SUB | 15PIN | Analog PC / Component Video Input |
| MINI JACK | Stereo Input x 2 / Stereo Output x 1 |

**Control**

| USB TYPE A | USB Connection                  |
| D-SUB 9 PIN | RS-232C Control |
| RJ-45 | Network Network (1000BASE-T / 100BASE-TX / 10BASE-T) |
| Built-in Speaker | 5W Mono |

**Lamp**

| Type | 255W NSHA (AC) |
| Power | 260W / 200W (Power Saver) |
| Lamp Life | 3000 Hours / 5000 Hours (Eco Mode) |

**Remote Control**

| Sensor | Wireless Infrared, Front/Back Wired Remote Control Connection |

**Ratings**

| Fan Noise | 33dB / 32dB (Full Power / Power Saver) |
| Power | 390W / 295W (Full Power/Power Saver) |
| Standby Power Consumption | 0.6 W (Standby with LAN off) / 0.2 W (Standby with LAN on) |
| Voltage | AC100 ~ 240V, 50 / 60 Hz |
| Temperature Operating | 32° to 104°F (0° to 40°C) |
| Storage | 14° to 140°F (-10° to 60°C) |
| Dimensions (W X D X H) | 13.3 x 16.3 x 5.3 in (337 x 415 x 134mm) (including protruding parts) |
| Weight | 13.9 lb (6.3kg) |

*The REALiS WUX400ST D projector includes a DICOM® Simulation Mode. This model is not cleared or approved for medical diagnosis and should not be used for these purposes.*

**Key Features / Technology**

- **High End Installation Features**
  - Throw Ratio: 0.56:1
  - Generous Lens Shift (V: 0%-75%, H: ±10%)
  - New Compact Design: physical design [flat top and bottom, optional feet, etc. for flexibility in placement such as mounting, stacking, vertical installations (upward/downward)]

**Wide Range of Connectivity**

- New USB and LAN interfaces for advanced control. USB based playback of JPEG image files directly from a thumb drive without a PC connection. The NMPJ System allows for image transmission as well as video streaming (not audio) through the LAN to the projector allowing a wide variety of multi-projection: Direct mode, Meeting mode, Classroom mode, and Broadcast mode.

**What’s in the Box**

- Projector
- Remote Control (AAA batteries x2)
- Power Cord
- VGA-VGA Cable
- Warranty Card
- Operation Manual (Book and CD-ROM)
- Important Information (Book)

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**Optional Accessories**

<table>
<thead>
<tr>
<th>Item Code No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8379B001</td>
<td>Replacement Air Filter RS-FL02</td>
</tr>
<tr>
<td>3096B001</td>
<td>Ceiling Extension RS-CL08 (16” - 24”)</td>
</tr>
<tr>
<td>3097B001</td>
<td>Ceiling Extension RS-CL09 (24” - 39”)</td>
</tr>
<tr>
<td>8378B001</td>
<td>Ceiling Mount RS-CL12</td>
</tr>
<tr>
<td>8680B001</td>
<td>Ceiling Mount RS-CL13</td>
</tr>
<tr>
<td>8377B001</td>
<td>Lamp Assembly RS-LP08</td>
</tr>
<tr>
<td>8380B001</td>
<td>Option Foot RS-FT01</td>
</tr>
<tr>
<td>5750B001</td>
<td>Remote Controller RS-RC05</td>
</tr>
<tr>
<td>8381B001</td>
<td>Remote Controller RS-RC06</td>
</tr>
<tr>
<td>2482V754</td>
<td>Compact Install Shipping Case</td>
</tr>
</tbody>
</table>

For more info:
1-800-OK-CANON (1-800-652-2666)
pro.usa.canon.com
The REALiS WX450ST Pro AV Short Throw Compact Installation LCOS Projector, equipped with an advanced Genuine Canon lens with a throw ratio of 0.57:1 and a generous horizontal and vertical lens shift, can display a high performance WXGA+ (1440 x 900) resolution image at 7 ft. wide from less than 4 ft away. This highly versatile unit provides distortion-free image quality in a wide variety of both front- and rear-projection installations and weighs under 14 lbs.

The REALiS WX450ST delivers 16:10 widescreen images with 4500 lumens of brightness and a 2000:1 contrast ratio, and features a next-generation Canon AISYS 5.0 optical engine that maximizes the imaging performance of the projector’s advanced Canon LCOS display panels. Advanced features include four point keystone correction, simultaneous Picture-by-Picture HDMI and DVI split-screen display, built-in edge blending with easy registration adjustment and projector stacking. Networking features include full control over IP and content streaming. A Network Multi Projection system allows for video streaming (not audio) via LAN to the projector in multiple modes. The new long-life filter system and projection lamp provide outstanding energy efficiency when powered on and in standby mode, resulting in a greater overall value.

Key Features

- Native WXGA+ (1440 x 900) Resolution
- AISYS-enhanced LCOS Technology
- 4500 Lumens
- Throw Ratio 0.57:1
- Lens Shift for Flexible Installation (V: 0-77% / H: ±10%)
- Supports 24p Video
- Electronic Zoom Function with Fixed Top Position
- Network Multi Projection
- Built-in Edge Blending Function
- Outstanding Power Efficiency
- WX450ST D features DICOM Simulation Mode

Recommended For:

- Large Classrooms
- Lecture Halls
- Auditoriums
- Houses of Worship
- Educational Facilities
- Museums and Galleries
- Corporate Board Rooms
- Conference Rooms
- Ad Agencies
- Photo Studios
- Postproduction Facilities
- Simulation Centers
- Government
- Digital Signage
REALIS WX450ST PRO AV COMPACT INSTALLATION LCOS PROJECTOR

PRODUCT NAME: WX450ST  ITEM CODE: 8679B002  UPC CODE: 013803227819

SPECIFICATIONS

<table>
<thead>
<tr>
<th>BASIC</th>
<th>IMAGING DEVICE</th>
<th>0.76” LCOS Reflective LCD panels x 3</th>
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<tbody>
<tr>
<td></td>
<td>ASPECT RATIO</td>
<td>16:10</td>
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<tr>
<td></td>
<td>THRESH BAND</td>
<td>0.57:1</td>
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<tr>
<td></td>
<td>NATIVE RESOLUTION</td>
<td>1440 x 900 (WXGA+)</td>
</tr>
<tr>
<td></td>
<td>BRIGHTNESS</td>
<td>4500 Lumens / 3460 (Power Saver Mode)</td>
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<tr>
<td></td>
<td>CONTRAST RATIO</td>
<td>2000:1</td>
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<tr>
<td></td>
<td>LENS SHIFT</td>
<td>V: 0%-77%, H: ±10%</td>
</tr>
<tr>
<td></td>
<td>KEYSTONE CORRECTION</td>
<td>VERT.: ±12°, HERT.: ±12°</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>IMAGE ADJUSTMENTS</th>
<th>MOUNTING</th>
<th>Ceiling, Rear, Ceiling-Up, Upward Downward</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TILT ANGLE</td>
<td>Adjustable feet up to 6 degrees</td>
</tr>
</tbody>
</table>

| INPUT SIGNALS | DIGITAL PC INPUT | WXGA/UXGA/WSXGA+/SXGA+/WXGA+/FWXGA/WXGA+/SXGA/XS+GA/SXGA/SXGA/SXGA/SXGA/SXGA |
|               | ANALOG PC INPUT | WXGA/UXGA/WSXGA+/SXGA+/WXGA+/FWXGA/WXGA+/SXGA/XS+GA/SXGA/SXGA/SXGA/SXGA/SXGA |
|               | DIGITAL VIDEO INPUT | 1080p/1080i/720p/576p/480p |
|               | COMPONENT INPUT | 1080p/1080i/720p/576p/576i/480p/480i |
|               | USB DATA TRANSFER | JPEG Still Image |

<table>
<thead>
<tr>
<th>TERMINALS</th>
<th>INPUT</th>
<th>DVI-I Analog PC / Digital PC input</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>HDMI (VER 1.3)</td>
<td>Digital PC / Digital PC input (supports Deep Color)</td>
</tr>
<tr>
<td></td>
<td>MINI D-SUB 15PIN</td>
<td>Analog PC / Component Video Input</td>
</tr>
<tr>
<td></td>
<td>MINI JACK</td>
<td>Stereo Input x 2 / Stereo Output x 1</td>
</tr>
<tr>
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<td>USB TYPE A</td>
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<td></td>
<td>D-SUB 9PIN</td>
<td>RS-232C Control</td>
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<td></td>
<td>RJ-45</td>
<td>Network Network (1000BASE-T / 100BASE-TX / 10BASE-T)</td>
</tr>
<tr>
<td></td>
<td>BUILT-IN SPEAKER</td>
<td>5W (Mono)</td>
</tr>
</tbody>
</table>

| LAMP | TYPE | 250W NSHA (4Q) |
|      | POWER | 260W / 200W (Power Saver) |
|      | LAMP LIFE | 3000 Hours / 5000 Hours (Eco Mode) |

| REMOTE CONTROL | SENSOR | Wireless Infrared, Front/Back Wired Remote Control Connection |

| FAN NOISE | 36dB / 32dB (Power Saver) |
| CONSUMPTION | 355W / 265W (Power Saver) |
| STANDBY | 0.6W (Standby with LAN off / 0.2W (Standby with LAN on) |
| VOLTAGE | AC100 – 240V, 50/60 Hz |
| TEMPERATURE | 32° to 104° F (0° to 40°C) |
| STORAGE | 14° to 140° F (-10° to 60°C) |
| DIMENSIONS | 13.3 x 16.3 x 5.3 in. (337 x 415 x 134mm) (including protruding parts) |
| WEIGHT | 13.9 lbs (6.3kg) |

KEY FEATURES / TECHNOLOGY

High Image Quality

The WX450ST delivers a stunning image in an installation grade projector while maintaining a compact size and flexible installation options. It combines a bright 4500 lumen light output with a new AISYS optical engine for enhanced contrast and brightness through improved light management. The projector offers WXGA+ (1440 x 900) resolution still and motion images to suit high resolution applications and HD video. The lens, capitalizing on Canon’s expertise in producing state of the art camera lenses, features a short throw of 0.57:1.

Wide Range of Connectivity

New USB and LAN interfaces for advanced control. USB based playback of JPEG image files directly from a thumb drive without a PC connection. NMPJ System allows for video streaming (not audio) through the LAN to the projector in several ways: Meeting Mode, Classroom Mode, Broadcast Mode, Direct Mode.

WHAT’S IN THE BOX

- Projector
- Remote Control (AAA batteries x2)
- Power Cord
- VGA-VGA Cable
- Warranty Card
- Operation Manual (Book and CD-ROM)
- Important Information (Book)

OPTIONAL ACCESSORIES

<table>
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<tr>
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<td>Ceiling Mount RS-CL13</td>
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<tr>
<td>8379B001</td>
<td>Ceiling Mount RS-CL12</td>
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<td>8380B001</td>
<td>Option Foot RS-F01</td>
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<td>2429V754</td>
<td>Compact Install Shipping Case</td>
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pro.usa.canon.com
This resource guide is also available in a digital format, and is regularly updated with new content. To stay connected visit: canonproresourceguides.com
Astounding Color Reproduction

The REALiS SX7 Mark II is a high-performance SXGA+ (1400 x 1050) resolution LCOS projector that provides outstanding image quality and detail. Featuring 4000 lumens of brightness, the SX7 Mark II incorporates Canon’s proprietary AISYS-enhanced LCOS Technology which delivers lattice-free, seamless images with exceptional color reproduction. Using a special color filter for support of the Adobe RGB color space, the REALIS SX7 Mark II is ideal for demanding users such as graphic designers, publishers and photographers.

In addition, the projector’s Photo Image Mode setting allows you to make precise adjustments to both the color temperature and color level, and adjust for ambient lighting conditions. The projector’s AC lamp system helps to deliver exceptional color fidelity, with enhanced red and green for more realistic tones. The REALIS SX7 Mark II delivers everything you need in a top-of-the-line projector.

Key Features

- Native SXGA+ Resolution (1400 x 1050)
- AISYS-enhanced LCOS Technology
- 4000 Lumens
- 1.7x Powered Zoom Lens
- Digital Image Shift
- Photo Image Mode
- Supports Adobe RGB and sRGB Color Spaces
- Advanced Color Management
- Versatile Connectivity (DVI-I)

Recommended For:

- Publishing
- Graphic Design
- Photography
- Wedding/Portrait
- Education
- Museums
- Government
- Corporate

The REALIS SX7 Mark II’s Photo Mode allows you to make precise adjustments to color temperature and color level.*

- Ease of Use and Flexibility
### REALiS SX7 Mark II

**PRODUCT NAME:** REALiS SX7 Mark II  
**ITEM CODE:** 4233B002  
**UPC CODE:** 013803119404

## Specifications

### Basic
- **Imaging Device:** 0.7" Reflective LCD Panel (LCoS) x 3
- **Aspect Ratio:** 4:3
- **Native Resolution:** SXGA (1400 x 1050)
- **Brightness:** 4000 Lumens
- **Uniformity:** 88%
- **Contrast:** 1000:1
- **Keystone:**
  - Vertical: + / - 20 degrees (Auto / Manual)
  - Horizontal: + / - 20 degrees (Manual)
- **Projection Lens:** F1.85 - 2.5, f=21.7 - 35.8mm
- **Lens Offset:** 9:1, Fixed
- **Zoom:** 1.7 x Powered, 12 x Digital zoom
- **Focus:** Powered
- **Screen Size:** 40" - 300"
- **Projection Distance Coverage:** 3.9 - 29.5 ft (1.2 - 9 m), 100": 9.8 - 16.1 ft (3.0 - 4.9 m)
- **Throw Ratio:** 1.46 - 4.33:1

### Imaging Adjustments
- **Image Modes:** Standard, Presentation, Movie, Photo, Adobe RGB, sRGB
- **Color Adjust:** Dynamic Gamma, 6-Axis (RGBCMY) Color Adjustment
- **Wall Correction:** Auto / Manual
- **Image Flip:** None / Ceiling Mounted / Rear / Rear, Ceiling Mounted
- **Tilt Angle:** Adjusting foot up to 10 degrees

### Input Signals
- **Digital PC Input:** SXGA / SXGA / WXGA / XGA / VGA
- **Scanning Frequency:** H: 15 - 100 kHz, V: 50 - 100 Hz
- **Analog PC Input:** UXGA / SXGA / SXGA / WXGA / XGA / SXGA / VGA
- **Scanning Frequency:** H: 15 - 100 kHz, V: 50 - 100 Hz
- **Dot Clock:** 170MHz or less
- **Video Input:** NTSC / PAL / SECAM / NTSC4.43 / PAL-M / PAL-N
- **Component Input:** 1080i / 1035i / 720p / 576p / 576i / 480p / 480i
- **Digital Video Input:** 1080i / 1035i / 720p / 576p / 480p

### Terminals
- **Input:** DVI-I 29PIN / D-Sub 15PIN / RCA / Stereo Mini Jack
- **Output:** D-Sub 15PIN / Stereo Mini Jack
- **Control:** RS-232
- **Build-in Speaker:** 1W (Mono)

### Lamp
- **Type:** 275W NSH (AC)
- **Lamp Life (Normal / Quiet):** 2000 / 3000 Hours

### Remote Control
- **Sensor:** Infrared, Front / Back
- **Mouse Control:** Mouse Control Receiver (USB)

### Ratings
- **Fan Noise (Normal / Quiet):** 35 / 31 dB
- **Power Consumption:** 360W (normal) / 290W (quiet) / 7W (stand-by)
- **Voltage:** AC 100 to 240V, 50 / 60Hz
- **Temperature:** Operating 41° to 95° F (5° to 35° C) / Storage -22° to 104° F (-30° to 60° C), 95%RH - 90%RH
- **Dimensions:** (W x D x H) 10.5 x 13.2 x 4.5 in. (226 x 336 x 114 mm)
- **Weight:** 10.6 lbs (4.8 kg)

### Optional Accessories

<table>
<thead>
<tr>
<th>Item Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2396B001</td>
<td>RS-LP04 Replacement Lamp</td>
</tr>
<tr>
<td>3095B001</td>
<td>RS-CLO7 Ceiling Mount</td>
</tr>
<tr>
<td>3096B001</td>
<td>RS-CLO8 Ceiling Extension: (16&quot; - 24&quot;)</td>
</tr>
<tr>
<td>3097B001</td>
<td>RS-CLO9 Ceiling Extension: (24&quot; - 38&quot;)</td>
</tr>
<tr>
<td>7502A001</td>
<td>LV-CA29 DVI-D Cable</td>
</tr>
<tr>
<td>0610B001</td>
<td>RS-CA01 RS-232C Cable (9.8&quot;)</td>
</tr>
<tr>
<td>1025V632</td>
<td>RS-232 Control Cable (18&quot;)</td>
</tr>
<tr>
<td>1281V591</td>
<td>T-WJ07 Wide Converter Lens</td>
</tr>
<tr>
<td>1332V132</td>
<td>REALiS Projector Case</td>
</tr>
</tbody>
</table>

---

### Adobe RGB Color Space

Adobe RGB Color Space supports a larger color space than sRGB, thus capable of reproducing more colors. This feature allows professional photography studios, graphic designers, and printers to display images with accurate, uniform color at all stages of the production process.

### Flexible Compatibility

[Diagram showing flexible compatibility features]

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For more info:  
1-800-0K-CANON (1-800-652-2666)  
pro.usa.canon.com  
0154W958
Versatile Performance

The REALiS SX80 Mark II offers a range of highly desired projector features in a very affordable package. Boasting high-resolution SXGA+ (1400 x 1050), the SX80 Mark II incorporates Canon’s exclusive AISYS-enhanced LCOS technology which delivers lattice-free, seamless images with exceptional color reproduction. Ideal for corporate, education and other professional users, the projector has a Photo Image Mode setting for precision color adjustment, a built-in USB port for PC-free presentations and PictBridge compatibility, an HDMI terminal (version 1.3 deep color) for projection of high-quality digital images and 1080p video, and a built-in RJ-45 network connection for remote network operation.

Key Features

- AISYS-enhanced LCOS Technology
- Native SXGA+ Resolution (1400 x 1050)
- 3000 Lumens
- 1.5x Powered Zoom Lens
- Photo Image Mode
- Advanced Color Management
- HDMI Version 1.3 Deep Color
- PC-Free Presentations and PictBridge

Recommended For:

- Education
- Corporate
- Government
- Photography
- Houses of Worship

PictBridge compatible digital cameras can be connected via USB to display photos directly from the camera.
REALiS SX80 Mark II

PRODUCT NAME: REALiS SX80 Mark II ITEM CODE: 4232B002 UPC CODE: 013803119398

SPECIFICATIONS

**BASIC**
- Imaging Device: 0.55" Reflective LCD Panels (LCoS) x 3
- Aspect Ratio: 4:3
- Native Resolution: SXGA+ (1400 x 1050)
- Brightness: 3000 Lumens
- Uniformity: 88%
- Contrast: 900:1
- Vertical Keystone: ± 20 degrees (Auto / Manual)

**OPTICS**
- Projection Lens: F1.95 – 2.6, f= 16.6 – 24.8 mm
- Lens Offset: 10:0, Fixed
- Zoom: 1.5x Powered, 12x Digital zoom
- Focus: Powered
- Screen Size: 40" – 300"
- Projection Distance Coverage: 3.9 – 29.9 FT (1.2 – 9.1M) 100": 9.8 – 16.1 FT (3.0 – 4.9M)

**IMAGE ADJUSTMENTS**
- Image Mode: Standard, Presentation, Movie, sRGB, Photo
- Color Adjust: Dynamic Gamma, 6-Axis (RGB/CYM) Color Adjustment
- Wall Correction: Auto / Manual
- Image Flip: None / Ceiling Mounted / Rear / Rear Ceiling Mounted
- Tilt Angle: Adjusting feet up to 10 degrees

**INPUT SIGNALS**
- Digital PC Input: SXGA+ / SXGA / WXGA / XGA / SXGA / S-VGA / VGA
- Analog PC Input: UXGA / SXGA+ / WXGA / SXGA / XGA / S-VGA / VGA
- Dot Clock: 170MHz or less
- Component Input: 1080p / 1080i / 1035i / 720p / 576p / 576i / 480p / 480i
- Digital Video Input: s-Video (Mini-DIN): 4-pin
- Stereo Mini-Jack: Stereo Audio Input x 3
- Input: 5-BNC, d-sub 15pin, Mini din 4pin, RCA, usB
- Output: D-sub 15pin, Stereo Audio Output x 1
- Control: RS-232C, RJ-45

**LAMP**
- Lamp Life (Normal / Quiet): 2000 / 2500 Hours
- Type: 230W/NSH (AC)
- Built-in Speaker: 1W (Mono)

**REMOTE CONTROL**
- Sensor: Wireless Infrared, Front / Back

**RATING**
- Fan Noise (Normal / Quiet): 35 / 31 dB
- Power Consumption: 330W (normal) / 270W (quiet) / 15W (stand-by)
- Voltage: AC100 to 240V, 50 / 60Hz
- Temperature: 41° to 95° F (5° to 35° C)
- Storage: -22° to 104° F (-30° to 60° C), 5%RH-90%RH
- Dimensions (W x D x H): 13.0 x 13.4 x 4.8 in (332 x 340 x 121 mm)
- Weight: 11.5 lbs (5.2 kg)

**OPTIONAL ACCESSORIES**

<table>
<thead>
<tr>
<th>Item Code No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2678B001</td>
<td>RS-LP05 Replacement Lamp</td>
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<tr>
<td>3098B001</td>
<td>RS-CL10 Ceiling Mount</td>
</tr>
<tr>
<td>3099B001</td>
<td>RS-CL10 Ceiling Extension (16” – 24”)*</td>
</tr>
<tr>
<td>3097B001</td>
<td>RS-CL10 Ceiling Extension (24” – 39”)*</td>
</tr>
<tr>
<td>7502A001</td>
<td>LV-CAB21 2M-0 Cable</td>
</tr>
<tr>
<td>1332V122</td>
<td>REALIS Projector Case</td>
</tr>
</tbody>
</table>

* Extension for RS-CL10 Ceiling Mount

---

**Photo Image Mode**

Ambient light can cause significant changes in the accuracy of the colors being projected. With the Photo Image Mode on the REALiS SX80 Mark II, users can take advantage of added flexibility to ensure optimum color reproduction and image quality. This special mode allows users to adjust for lighting conditions and fine-tune color levels and color temperature. It is ideal for users who are displaying content and cannot control the lighting conditions – such as educators speaking in classrooms or photographers showing their work in an art museum/gallery.

**Flexible Compatibility**

![Flexible Compatibility Diagram]

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DICOM SIMULATION MODE
FOR MEDICAL IMAGING*

Canon REALiS Pro AV Series Installation, Compact Installation and Portable LCOS Projectors with DICOM Simulation Mode are designed for medical education and training. DICOM Mode simulates the display output of devices compliant with the Digital Imaging and Communications in Medicine Part 14 standard. These projectors reproduce monochrome digital X-rays, CAT Scans, and MRI’s with accurate color and precise detail.***

REALiS PRO AV INSTALLATION LCOS PROJECTORS*

REALiS WUX5000 D
- DICOM Simulation Mode
- Native WUXGA (1920 x 1200) Resolution
- AISYS-enhanced LCOS Technology
- 5000 Lumens
- 1000:1 Contrast Ratio
- Motorized Lens Shift, Zoom, and Focus for Flexible Installation
- Versatile Connectivity (HDMI and DVI-D)
- RJ-45 for Control over Network
- Full 10-Bit Color
- Optional Interchangeable Genuine Canon Lenses

REALiS WUX4000 D
- DICOM Simulation Mode
- Native WUXGA (1920 x 1200) Resolution
- AISYS-enhanced LCOS Technology
- 4000 Lumens
- 1000:1 Contrast Ratio
- Motorized Lens Shift, Zoom, and Focus for Flexible Installation
- Versatile Connectivity (HDMI and DVI-D)
- RJ-45 for Control over Network
- Full 10-Bit Color
- Optional Interchangeable Genuine Canon Lenses

REALiS WX6000 D
- DICOM Simulation Mode
- Native WXGA+ (1440 x 900) Resolution
- AISYS-enhanced LCOS Technology
- 5700 Lumens
- 1000:1 Contrast Ratio
- Motorized Lens Shift, Zoom, and Focus for Flexible Installation
- Versatile Connectivity (HDMI and DVI-I)
- LCOS Panel with 96% Aperture Ratio
- Outstanding Energy Efficiency
- Optional Interchangeable Genuine Canon Lenses

REALiS SX6000 D
- DICOM Simulation Mode
- Native SXGA+ (1400 x 1050) Resolution
- AISYS-enhanced LCOS Technology
- 6000 Lumens
- 1000:1 Contrast Ratio
- Motorized Lens Shift, Zoom, and Focus for Flexible Installation
- Versatile Connectivity (HDMI and DVI-I)
- LCOS Panel with 96% Aperture Ratio
- Outstanding Energy Efficiency
- Optional Interchangeable Genuine Canon Lenses

REALiS PRO AV INSTALLATION PROJECTOR LENSES**

Standard Zoom Lens RS-IL01ST
- Throw Ratio
  - WUX5000 D: 1.49 - 2.24:1
  - WUX4000 D: 1.49 - 2.24:1
  - WX6000 D: 1.62 - 2.43:1
  - SX6000 D: 1.57 - 2.36:1
- 1.5x Powered Optical Zoom Lens

Long Focus Zoom Lens RS-IL02LZ
- Throw Ratio
  - WUX5000 D: 2.19 - 3.74:1
  - WUX4000 D: 2.19 - 3.74:1
  - WX6000 D: 2.38 - 4.06:1
  - SX6000 D: 2.31 - 3.94:1
- 1.7x Powered Optical Zoom Lens

Ultra Wide Angle Lens RS-IL03WF
- Throw Ratio
  - WUX5000 D: 0.80:1
  - WUX4000 D: 0.80:1
  - WX6000 D: 0.87:1
  - SX6000 D: 0.85:1
- 0.8x Fixed Ultra Wide Angle Lens

Ultra Long Focus Zoom Lens RS-IL04UL
- Throw Ratio
  - WUX5000 D: 3.76 - 7.35:1
  - WUX4000 D: 3.76 - 7.35:1
  - WX6000 D: 3.86 - 7.54:1
  - SX6000 D: 3.74 - 7.32:1
- 1.95x Ultra Long Focus Zoom Lens

Short Focus Zoom Lens RS-IL05WZ
- Throw Ratio
  - WUX5000 D: 1.00 - 1.50:1
  - WUX4000 D: 1.00 - 1.50:1
  - WX6000 D: 1.03 - 1.54:1
  - SX6000 D: 1.06 - 1.58:1
- 1.5x Short Focus Zoom Lens

* The REALiS WUX5000 D, REALiS WUX4000 D, REALiS WX6000 D, REALiS SX6000 D, REALiS WX4000 D, REALiS WUX4000 D, REALiS WX4000 D, and REALiS SX6000 D projectors are not cleared or approved for medical diagnosis and should not be used for these purposes.
** Lenses compatible with REALiS WUX5000 D, REALiS WUX4000 D, and REALiS SX6000 D.
REALiS PRO AV COMPACT INSTALLATION LCOS PROJECTORS*

REALiS WUX450D
- DICOM Simulation Mode
- Native WUXGA (1920 x 1200) Resolution
- AISYS-enhanced LCOS Technology
- 4500 Lumens
- Throw Ratio 1.39-2.51:1

REALiS WX520D
- DICOM Simulation Mode
- Native WXGA+ (1440 x 900) Resolution
- AISYS-enhanced LCOS Technology
- 5200 Lumens
- Throw Ratio 1.43-2.57:1

REALiS PRO AV SHORT THROW COMPACT INSTALLATION LCOS PROJECTORS*

REALiS WUX400STD
- DICOM Simulation Mode
- Native WXGA Resolution (1920 x 1200)
- AISYS-enhanced LCOS Technology
- 4000 Lumens
- Throw Ratio 0.56:1
- Lens Shift for Flexible Installation (V: 0-75% / H: +/-10%)

REALiS WX450STD
- DICOM Simulation Mode
- Native WXGA+ Resolution (1440 x 900)
- AISYS-enhanced LCOS Technology
- 4500 Lumens
- Throw Ratio 0.57:1
- Lens Shift for Flexible Installation (V: 0-77% / H: +/-10%)

REALiS PORTABLE LCOS PROJECTORS*

REALiS SX7 Mark II D
- DICOM Simulation Mode
- Native SXGA+ Resolution (1400 x 1050)
- 4000 Lumens
- AISYS-enhanced LCOS Technology
- Genuine Canon 1.7x Powered Zoom Lens
- Versatile Connectivity (DVI-I)
- Throw Ratio 1.46-2.43:1

REALiS SX80 Mark II D
- DICOM Simulation Mode
- Native SXGA+ Resolution (1400 x 1050)
- 3000 Lumens
- AISYS-enhanced LCOS Technology
- Genuine Canon 1.5x Powered Zoom Lens
- Versatile Connectivity (HDMI and DVI-I)
- Throw Ratio 1.48-2.18:1
- RJ-45 for Control over Network

*The REALiS WUX5000 D, REALiS WUX4000 D, REALiS WUX6000 D, REALiS SX6000 D, REALiS WUX450 D, REALiS WX520 D, REALiS WUX400ST D, REALiS WX450ST D, REALiS WUX10 Mark II D, REALiS SX7 Mark II D, and REALiS SX80 Mark II D projectors are not cleared or approved for medical diagnosis and should not be used for these purposes.

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pro.usa.canon.com

0154W956 01/14
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LV-8235 ULTRA-SHORT THROW PROJECTOR

Superb Imaging Performance and Flexibility

The Canon LV-8235 UST (ultra-short throw) projector features outstanding imaging performance, 2500 lumens and one of the shortest projection throws available on the market. The LV-8235 UST projector can project an 80-inch image from as little as 1.04 feet away, enabling users the freedom to install the device in a variety of locations, including on a desktop or the floor. Ideal for use in educational or business environments, the ultra-short throw distance enables presenters to stay out of the projection, thus preventing shadows from being cast or the light from getting into their eyes. The built-in 10W speaker is also the ideal volume for classrooms or boardrooms. With Auto Set and Auto PC adjustment features, setup is quick and easy. The LV-8235 UST projector features native WXGA resolution (1280 x 800 at 16:10 ratio), a standard resolution found on many widescreen laptops, and a high contrast ratio of 2000:1 which combine to deliver crisp, vivid images with deep blacks. Other advanced features include 3D support (when viewed with active-shutter 3D glasses) as well as an HDMI input which allows for the projection of high quality digital images and high definition 1080p signals.

Key Features

- Native WXGA (1280 x 800) Resolution
- 2500 Lumens
- Ultra-Short Throw
- 2000:1 Contrast Ratio
- DLP Technology
- 3D Support
- HDMI Input
- Closed Captioning
- Wall Color Setting
- 10-Watt Speaker
- Network Connectivity
- Quiet Operation

Recommended For:

- Classrooms
- Showrooms
- Small Meeting Rooms
- Art Galleries
- Museums
- Small Theaters
- Retail

The LV-8235 UST projector is configured to project from a range of digital and widescreen sources.
### LV-8235 Ultra-Short Throw Projector

**PRODUCT NAME:** LV-8235 UST  **ITEM CODE:** 5805B002  **UPC CODE:** 013803143263

#### SPECIFICATIONS

<table>
<thead>
<tr>
<th>Category</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BASIC</strong></td>
<td></td>
</tr>
<tr>
<td>Imaging Device</td>
<td>0.65&quot; single-chip DLP</td>
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<tr>
<td>Aspect Ratio</td>
<td>16:10</td>
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<tr>
<td>Native Resolution</td>
<td>WXGA (1280 x 800)</td>
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<tr>
<td>Brightness</td>
<td>2500 Lumens</td>
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<td>Uniformity</td>
<td>78%</td>
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<tr>
<td>Contrast</td>
<td>2000:1</td>
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<tr>
<td>Keystone</td>
<td>VERTICAL ± 5 degrees (Auto / Manual)</td>
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<tr>
<td>Projection Lens</td>
<td>F2.5, f=4.83 mm</td>
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<tr>
<td>Zoom</td>
<td>0.6x - 2x Digital Zoom (Fixed)</td>
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<tr>
<td>Focus</td>
<td>Manual</td>
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<tr>
<td>Screen Size</td>
<td>46° - 71°</td>
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<tr>
<td>Throw Distance</td>
<td>0.75 - 1.49 ft (23.0 - 45.5 cm)</td>
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<tr>
<td>Screen Size</td>
<td>80&quot; inch image: 1.04 ft (32.0 cm)</td>
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<tr>
<td>Throw Ratio</td>
<td>0.19:1</td>
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<td><strong>IMAGE ADJUSTMENTS</strong></td>
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<td>Image Mode</td>
<td>Standard, Presentation, High Contrast, Cinema, user 1-4</td>
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<tr>
<td>Color Adjust</td>
<td>Yes</td>
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<tr>
<td>Wall Color Correction</td>
<td>Supports red, blue, green, blackboard green</td>
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<tr>
<td>Mounting</td>
<td>Ceiling / Rear / Rear-Ceiling / Upwards / Downwards / Wall</td>
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<tr>
<td>Tilt Angle</td>
<td>Adjustable Front Feet</td>
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<tr>
<td><strong>INPUT SIGNALS</strong></td>
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<tr>
<td>Scanning Frequency</td>
<td>H:15, 106 kHz, V:24 - 120 Hz</td>
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<tr>
<td>Analog PC Input</td>
<td>WXGA / UXGA / WXGA+ / SXGA+ / SXGA / SXGA / UXGA / SXGA / VGA / MAC</td>
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<td>Digital PC Input</td>
<td>WXGA / SXGA+ / SXGA / SXGA / VGA / UXGA / SXGA / VGA</td>
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<tr>
<td>Dot Clock</td>
<td>Less than 150 MHz</td>
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<td>Analog Video Input</td>
<td>NTSC / PAL / SECAM / NTSC-C4-3 / PAL-M / PAL-N</td>
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<tr>
<td>Digital Video Input</td>
<td>1080p / 1080i / 720p / 576p / 480p / 480p</td>
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<tr>
<td><strong>TERMINALS</strong></td>
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<tr>
<td>Input</td>
<td>Analog PC Input: Mini D-Sub 15pin (VGA)</td>
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<td>Digital PC Input: HDMI</td>
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<td>Analog Video Input: Mini D-Sub 15 pin (Component) / Mini DIN4 (S-Video / RCA (Composite))</td>
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<td>Digital Video Input: HDMI</td>
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<td></td>
<td>USB</td>
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<td>Audio Input: 3.5 mm (Stereo)</td>
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<td>Output</td>
<td>Analog PC Output: Mini D-Sub 15pin (VGA)</td>
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<td>Audio Output: 3.5 mm (Stereo)</td>
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<td>3D Trigger Output: Mini DIN3 (3D Sync)</td>
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<tr>
<td>Control</td>
<td>Serial: 9 pin D-Sub (RS-232C)</td>
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<td></td>
<td>Network: RJ-45</td>
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<tr>
<td></td>
<td>Remote Control: Wireless Remote</td>
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<tr>
<td>Built-In Sound</td>
<td>Speaker: 10W (Mono)</td>
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<tr>
<td><strong>LAMP</strong></td>
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</tr>
<tr>
<td>Lamp Life (Normal/quiet)</td>
<td>2000 / 3000 Hours</td>
</tr>
<tr>
<td>Lamp Power (Normal/eco)</td>
<td>275W / 220W</td>
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<tr>
<td>Fan Noise (Normal/quiet)</td>
<td>36dB / 26dB</td>
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<tr>
<td><strong>RATINGS</strong></td>
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<tr>
<td>Power Consumption</td>
<td>400W (Normal) / 320W (Eco)</td>
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<tr>
<td>Voltage</td>
<td>100-240V, 50/60 Hz</td>
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<tr>
<td>Temperature Operating</td>
<td>41° - 104°F (5° - 40°C)</td>
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<tr>
<td>Storage</td>
<td>14° - 140°F (-10° - 60°C)</td>
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<tr>
<td>Dimensions (W x H x D)</td>
<td>12.6&quot; x 7.0&quot; x 15.2&quot; (320 x 178 x 386 mm)</td>
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<tr>
<td>Weight</td>
<td>13.7 lbs (6.2 kg)</td>
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<tr>
<td><strong>PACKAGE</strong></td>
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<td>Box (Quantity = 1)</td>
<td>Dimensions: 61.5 x 49.0 x 35.8&quot;</td>
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<td>Weight: 19.8 lbs</td>
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<td>Carton (Quantity = 1)</td>
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<td>Weight: 19.8 lbs</td>
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<td>Pallet (Quantity = 12)</td>
<td>Dimensions: 61.5 x 49.0 x 35.8&quot;</td>
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<td></td>
<td>Weight: 21.9 lbs</td>
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### OPTIONAL ACCESSORIES

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<th>Description</th>
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<tbody>
<tr>
<td>9270A001</td>
<td>Component Adapter Cable LV-C42A2</td>
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<tr>
<td>5810B001</td>
<td>Wall Mount Kit LV-WL01</td>
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<tr>
<td>5811B001</td>
<td>Remote Control LV-RC05</td>
</tr>
<tr>
<td>5806B001</td>
<td>Replacement Lamp LV-LP36</td>
</tr>
</tbody>
</table>

### APPLICATION EXAMPLES

- Ceiling installation with wall projection
- Desktop installation with wall projection
- Desktop installation with rear projection
- Floor installation with floor projection

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For more info: 1-800-OK-CANON (1-800-652-2666)  
pro.usa.canon.com  
0160W966
Ultra-Portable LED Projector

Designed for the growing mobile device market of tablets and smartphones, the compact and lightweight Canon LE-5W Multimedia Projector is an ideal traveling companion for sales/account representatives who need to quickly and vividly share presentations or other visual information with clients. Weighing just 3.5 lbs. and featuring 500 lumens of brightness with an 1280 x 800 (WXGA) resolution and superb color fidelity, the LE-5W has a throw ratio (1.2:1) that achieves large-screen projections even in tight spaces. Featuring built-in 2.5 watt stereo speakers, the LE-5W is also perfect for home viewing of movies, video games, and still images from PC’s, Blu-ray players, game consoles, and digital cameras via its HDMI, USB, and RCA connectors. A five-color wall-projection mode makes practically any wall a suitable display screen. Available with either a black or white cover, the LE-5W can also provide “PC-free” presentations directly from a USB thumb drive, SD card, or its own built-in 1.5GB memory.

Key Features

- Lightweight and Compact (3.5 lbs.)
- WXGA Resolution
- 1.2:1 Throw Ratio
- 3000:1 Contrast Ratio
- 3LED Technology
- Quick On and Off
- Wide Range of Connectivity
- High Portability and Flexibility
- 20,000 Hour Life LEDs

LE-5W is able to project within a mere 4 seconds after turning on power. The cooling fan stops 0.5 seconds after turning off power.

Multiple Projection Modes
(Standard, Presentation, Movie, sRGB, User)

Recommended For:
- Mobile Presentations
- Small Office/Home Office
- Corporations
- Home Entertainment
- Video/Social Games
- Personal Photography
LE-5W MULTIMEDIA PROJECTOR


SPECIFICATIONS

<table>
<thead>
<tr>
<th>BASIC</th>
<th>IMAGING DEVICE</th>
<th>0.45&quot; DLP panel</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASPECT RATIO</td>
<td>16:10</td>
<td></td>
</tr>
<tr>
<td>NATIVE RESOLUTION</td>
<td>1280 x 800</td>
<td></td>
</tr>
<tr>
<td>BRIGHTNESS</td>
<td>500 Lumens</td>
<td></td>
</tr>
<tr>
<td>UNIFORMITY</td>
<td>5%</td>
<td></td>
</tr>
<tr>
<td>CONTRAST RATIO</td>
<td>3000:1</td>
<td></td>
</tr>
<tr>
<td>HORIZONTAL CORRECTION</td>
<td>VERTICAL ± 40°</td>
<td></td>
</tr>
</tbody>
</table>

| OPTICS | THROW RATIO | 1.2:1 |
| IMAGE ADJUSTMENTS | IMAGE MODE | Standard, Presentation, Movie, sRGB, User |
| MOUNTING | Front, Rear, Front-Ceiling, Rear-Ceiling |
| TILT | 0–6 degrees |

| INPUT SIGNALS | DIGITAL PC INPUT | WXGA/+ / SXGA/+ / SXGA / XGA / VGA |
|               | ANALOG PC INPUT | WXGA/+ / SXGA/+ / SXGA / XGA / VGA |
|               | SCANNING FREQUENCY | H - Sync: 37–102 KHz  V - Sync: 23–120 KHz |
|               | DIGITAL VIDEO INPUT | 1080p / 1080i / 720p / 576p / 480p / 480i |
|               | COMPONENT INPUT | 1080p / 1080i / 720p / 576p / 480p / 480i |
|               | COMPOSITE VIDEO INPUT | NTSC / NTSC4.43 / PAL / SECAM / PAL-M / PAL-N / PAL+ 60 |

| TERMINALS | HDMI | Digital PC / Digital Video Input |
|           | MINI D-SUB 15PIN | Analog PC / Component Video Input |
|           | RCA | Composite Video Input |
| SD/SDHC MEMORY CARD SLOT | Input x 1 (up to 32GB) |
| STEREO MINI-JACK | Stereo Input x 1 / Stereo Output x 1 |
| USB | 1.6GB: A x 1 / mini-B USB x 1 |

| BUILT-IN SOUND | INTERNAL SPEAKER | 2.5 watt x 2 (Stereo) |
| REMOTE CONTROL | TYPE | Luminous PT-54R, G, B LED |
| LIGHT SOURCE | POWER | 81W (Normal) / 55W (Eco) |
| LIFE | 20,000 hrs. |

| MULTIMEDIA | VIDEO COMPATIBILITY | MPEG1, MPEG2, MPEG4, H.264, VC-1 |
| PHOTO COMPATIBILITY | JPEG, BMP |
| AUDIO COMPATIBILITY | LPCM, OGG, AAC, AMR, WMA, PDM, ADPCM |
| DOCUMENT COMPATIBILITY | Word/docx, Excel/xlsx, PDF1.2-1.4, PowerPointppt, pptx |

| RATINGS | FAN NOISE | 38 dB (Normal) / 32 dB (Eco) |
|         | POWER CONSUMPTION | 130W (Normal) / 100W (Eco) / 0.5W (Standby) |
|         | VOLTAGE | AC100 – 240V, 50 / 60 Hz |
|         | OPERATING TEMPERATURE | 32° to 104°F (0° to 40°C) |
|         | DIMENSIONS (W X D X H) | 9.8 x 7.6 x 2.16 in. (248 x 193 x 54.9mm) (Including protruding parts) |
|         | WEIGHT | 3.5 lb. (1.6kg) |

KEY FEATURES / TECHNOLOGY

High Portability and Flexibility

The Multimedia Projector LE-5W’s lightweight portability is complemented by its versatility, no matter where it is set up. With its impressive throw ratio, it makes a big picture in small places—users can be confident that the LE-5W projector will do the job. It features a tripod socket, expanding the range of locations where it can be used. With its flexible setup options, working well even without a projection screen, it’s incredibly easy to operate. And with its attractive design, near-instant startup and easy connectivity, it’s the perfect projector to bring along for off-site presentations, client visits, even to show photos or movies with friends.

Wide Range of Connectivity

- HDMI
- Mini D-SUB 15PIN
- RCA
- SD/SDHC Memory Card Slot
- Stereo Mini-Jack
- USB
- Built-In Sound
- Internal Speaker

OPTIONAL ACCESSORIES

<table>
<thead>
<tr>
<th>Item Code No</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>8484B001</td>
<td>LE-RC01 Remote Controller</td>
</tr>
</tbody>
</table>

CONTENTS OF KIT

- Projector
- Remote Control (with Lithium battery)
- AC Power Cord
- VGA Cable
- Soft Carrying Case
- Warranty card(U)
- User Manual (Multi, CD-ROM)
- Quick Start Guide (Book)
- Box with UPC code

For more info:
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Canon’s LV Series Multimedia LCD Projectors deliver vivid image quality with high-end features at affordable prices. Models include the high brightness 4000 lumen LV-7490 to the 16:10 widescreen native WXGA-resolution LV-8320 and LV-8227A. All LV Series projectors are ideal for presenters seeking to display bright, high quality images and videos with a compact, portable form factor.

LV SERIES MULTIMEDIA LCD PROJECTORS

Compact Easy-to-Use

LV-8320
- Native WXGA Resolution (1280 x 800)
- 3000 lumens
- 1.6x Optical Zoom Lens
- HDMI Input
- Built-in Network Connection

LV-8227A
- Native WXGA Resolution (1280 x 800)
- 2500 lumens
- 1.2x Optical Zoom Lens
- HDMI Input
- 3000:1 Contrast Ratio

LV-7490
- Native XGA Resolution (1024 x 768)
- 4000 lumens
- 1.2x Optical Zoom Lens
- 2000:1 Contrast Ratio
- Built-in Network Connection

LV-7392A
- Native XGA Resolution (1024 x 768)
- 3000 lumens
- 1.2x Optical Zoom Lens
- HDMI Input
- 2000:1 Contrast Ratio

LV-7297M
- Native XGA Resolution (1024 x 768)
- 2600 lumens
- 1.2x Optical Zoom Lens
- HDMI Input
- 500:1 Contrast Ratio

LV-7292M
- Native XGA Resolution (1024 x 768)
- 2200 lumens
- 1.2x Optical Zoom Lens
- HDMI Input
- 500:1 Contrast Ratio
### SPECIFICATIONS

#### BASIC
- **PRODUCT NAME**: LV-8320 / LV-8227A / LV-7490 / LV-7392A / LV-7297M / LV-7292M
- **IMAGING DEVICE**: 0.59" Active Matrix x 3 / 0.63" Active Matrix x 3
- **ASPECT RATIO**: 16:10 / 4:3
- **NATIVE RESOLUTION**: WXGA (1280 x 800) / XGA (1024 x 768)
- **BRIGHTNESS**: LV-8320: 3000 Lumens / LV-8227A: 2500 Lumens
- **UNIFORMITY**: 85%
- **AUTO IRIS**: LV-8320: Yes / LV-8227A: Yes
- **ZOOM**: LV-8320: 1.6 x Zoom (Manual) / LV-8227A: 1.2 x Zoom (Manual)
- **FOCUS**: Manual
- **SCREEN SIZE**: LV-8320: 30" - 300" / LV-8227A: 40" - 300"
- **PROJECTOR DISTANCE COVER**: LV-8320: 2.43 - 25.16 ft. (.74 to 7.67m)
- **THROW RATIO**: LV-8320: 1.18 - 1.91:1 / LV-8227A: 1.42 – 1.71:1
- **IMAGE MODES**: Presentation, Standard, High Contrast, Cinema, Blackboard (Green), Colorboard, User 1-4
- **WALL CORRECTION**: Yes / Yes / Yes
- **IMAGE FLIP**: Ceiling / Rear / Rear-Ceiling
- **TILT ANGLE**: 12 degrees for LV-8320 / 10 degrees for LV-8227A
- **DIGITAL PC INPUT**: HDMI / NA
- **COMPONENT INPUT**: 1080i / 720p / 576p / 576i / 480p / 480i
- **DIGITAL VIDEO INPUT**: HDMI / NA
- **MINI DIN-6PIN**: S-Video Input (LV-8320 only)
- **MINI-SUB 15PIN**: Stereo Audio Input x 2 / MIC Input
- **MINI-SUB 3.5MM**: Stereo Audio Output
- **CONTROL**: RS-232C
- **BUILT-IN SPEAKER**: 10W (Mono)
- **LAMP**: 245W UHP (AC)
- **FAN NOISE**: 36.4 (Normal) / 34.4 (Normal) / 29 db (Eco)
- **DIMENSIONS (W x D x H)**: LV-8320: 13.77 x 10.90 x 3.8 in. / LV-8227A: 13.13 x 9.72 x 3.98 in. (333.5 x 247 x 101 mm)

#### ADJUSTMENTS
- **SCREEN SIZE**: LV-8320: 30" - 300" / LV-8227A: 40" - 300"
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- **MINI-SUB 15PIN**: Stereo Audio Input x 2 / MIC Input
- **MINI-SUB 3.5MM**: Stereo Audio Output
- **CONTROL**: RS-232C
- **BUILT-IN SPEAKER**: 10W (Mono)

#### LAMP
- **TYPE**: LV-8320: 245 UHP
- **LAMP LIFE (NORMAL / QUIET)**: LV-8320: 3000 / 5000 hours
- **FAN NOISE**: 36.4 (Normal) / 34.4 (Normal) / 29 db (Eco)
- **DIMENSIONS (W x D x H)**: LV-8320: 13.77 x 10.90 x 3.8 in. (333.5 x 247 x 101 mm)

For more info: 1-800-OK-CANON (1-800-652-2666)  pro.usa.canon.com
This resource guide is also available in a digital format, and is regularly updated with new content. To stay connected visit: canonproresourceguides.com
Unc's Department of Radiation Oncology Trusts Canon REALiS SX80 Mark II D Projectors To Provide Accurate Color And Precise Detail For Important Medical Images

Accurate color and precise detail are crucial for analyzing medical imagery, as even the subtlest nuances can yield critical information in grayscale CT scans and other types of radiology. Among the many institutions scrutinizing such images on a regular basis is the University of North Carolina School of Medicine's Department of Radiation Oncology. When this advanced research center recently sought to upgrade its video-display capabilities with new, accurate, and affordable technology, they chose two REALIS SX80 Mark II D Multimedia LCOS Projectors from Canon U.S.A., Inc., a leader in digital imaging.

“The medical requirements for a good projector are that it provides very accurate color representation, stable images, readable small print, and very quiet operation,” noted Dr. Julian Rosenman, of the University's Department of Radiation Oncology. “On all of these aspects, we have been very pleased with the Canon REALIS SX80 Mark II D.”
“We do a lot of tumor boards and telemedicine meetings in which doctors view medical images to make treatment decisions,” Dr. Rosenman elaborated. “These images can range from color histology slides, to black & white CT scans displaying critical shades of gray, to everything in between. This is why the color accuracy of projected images is so important.”

Utilizing two ceiling-mounted Canon REALiS SX80 Mark II D Projectors, the University’s doctors and medical students display multiple sets of image data for dual-projection image comparison and analysis. The two projectors are also used for telemedicine as images displayed by the REALiS SX80 Mark II D Projectors and pictures of the doctors are captured by a video conferencing camera for live consultation with other medical professionals in distant locations. “Dual projection is a ‘must’ for patient review and for telemedicine,” Dr. Rosenman explains. “Two different kinds of data are projected to confirm that they are compatible and correct with respect to each other. Image stability is also very important when you are comparing medical data. I don’t know how Canon does it, but the REALiS SX80 Mark II D Projectors reject the jitter and 60-cycle interference caused by the other electrical equipment we’ve got going. With these REALIS projectors you don’t see rolling bars or visible beat frequencies.”

The DICOM Simulation Mode found on the Canon REALIS SX80 Mark II D has quickly made this product popular amongst medical educators. This special mode simulates the results of a DICOM (Digital Imaging and Communications in Medicine) Part 14 compliant device, which is a standardized display function for display of grayscale images. Canon’s DICOM Simulation Mode allows users to calibrate directly on the projector case.

“We’ve had experience with a lot of projectors over the years, and we’re very happy with the Canon REALiS SX80 Mark II D,” Dr. Rosenman concluded.

“Utilizing two ceiling-mounted Canon REALiS SX80 Mark II D Projectors, the University’s doctors and medical students display multiple sets of image data for dual-projection image comparison and analysis. The two projectors are also used for telemedicine as images displayed by the REALiS SX80 Mark II D Projectors and pictures of the doctors are captured by a video conferencing camera for live consultation with other medical professionals in distant locations. “Dual projection is a ‘must’ for patient review and for telemedicine,” Dr. Rosenman explains. “Two different kinds of data are projected to confirm that they are compatible and correct with respect to each other. Image stability is also very important when you are comparing medical data. I don’t know how Canon does it, but the REALiS SX80 Mark II D Projectors reject the jitter and 60-cycle interference caused by the other electrical equipment we’ve got going. With these REALIS projectors you don’t see rolling bars or visible beat frequencies.”

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using 21 different levels of grayscale gradation - this is a key benefit as the purchase of additional equipment can be very costly.

The REALIS SX80 Mark II D Projector features Canon’s advanced LCOS technology which is best known for producing intricately detailed images with exceptional color reproduction. “We are very pleased with the color accuracy of the REALIS SX80 Mark II D,” Dr. Rosenman added. “It’s annoying to give a talk with a PowerPoint presentation and see that the slides on the screen don’t look the way they do on your laptop. With the REALIS projectors, however, the color fidelity is very true.”

“We’ve had experience with a lot of projectors over the years, and we’re very happy with the Canon REALIS SX80 Mark II D,” Dr. Rosenman concluded. “These are the smallest, quietest, and most stable projectors we’ve ever had. They also don’t throw off a lot of heat, which is important when you’ve got 20 people in the room.”

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Canon REALiS WUX4000 Installation LCOS Projectors and XF305 Professional HD Camcorders Create Value for a University's Video Display and Capture Requirements

Set amid the majestic hills of Aliso Viejo, Calif., Soka University is a private four-year liberal arts college and graduate school. Among the many impressive buildings on its picturesque 103-acre campus is the new Soka Performing Arts Center. Designed and built to the highest standards, the Center is one of three campus locations recently outfitted with REALiS WUX4000 installation LCOS projectors from Canon U.S.A., Inc., a leader in digital imaging solutions. Displaying bright 4000-lumen higher-than-HD-resolution (1920 x 1200) widescreen 16:10 video and still images, a total of four REALiS WUX4000 projectors are used to present a variety of visual content at this prestigious University.

“The Soka Performing Arts Center is a stunning space both visually and acoustically,” noted Sam Morales, associate technical service manager at the University. “We wanted to have a zero-compromise facility in terms of the equipment that we put into that space, and that’s why we chose Canon REALiS WUX4000 projectors.”

Initially discouraged by the cost of large-venue projectors for the 1200-seat Soka Performing Arts Center, Morales and his team looked instead for a display solution for the smaller 180-seat black-box theater in the Academic Building. Their search led them to the Canon REALiS WUX4000
installation LCOS projector, which proved to be the right choice for both venues.

“I was skeptical that the Canon REALiS WUX4000 would even work in the black box theater, since it didn’t even have a projection screen in it,” he recalled. “What it does have is an almost transparent cyclorama with a non-reflective surface. But when we fired-up the REALiS WUX4000 and saw how it looked, we were amazed. The pictures were really sharp even though we intentionally used dark imagery to see what kind of detail we could get out of the projector. The results were so good that we felt immediately compelled to purchase one for that theater.”

Impressed with the performance of the Canon REALiS WUX4000, Morales and his team also tested it in the Soka Performing Arts Center. What they saw resulted in their decision to purchase not one but three more of the projectors. Two are stacked in the Center and another was installed in a large classroom.

“Even from 100 feet away, one Canon REALiS WUX4000 projector can do the job in the Center with good HD quality with proper brightness and contrast,” he said. “It’s also quite a cost savings, when you consider that the projection lamp for the first large-venue projector we looked at cost almost as much as an entire REALiS WUX4000. There are absolutely no grids in the picture like you see with LCD projectors and the overall quality is fantastic.”

Employing Canon’s fourth-generation proprietary AISYS-enhanced LCOS optical engine, the REALiS WUX4000 projector delivers crisp, seamless images with intricate detail, high brightness, high contrast and accurate color. LCOS (Liquid Crystal on Silicon) is a next-generation display technology utilizing tightly packed pixels providing excellent image quality. Canon’s proprietary AISYS (Aspectual Illumination System) technology further increases the display advantages of LCOS by efficiently utilizing and equalizing light from the projector lamp. Featuring an easy-access lamp, air filter, and optical filter, and a choice of three interchangeable Genuine Canon projection lenses to suit a variety of presentation environments, the REALIS WUX4000 also provides quiet operation.

“Acoustics are the primary focus of the hall and we found that we can actually put the Canon REALiS WUX4000 projector right in the middle of the seats and it doesn’t bother anyone,” Morales stated. Canon projection lenses chosen for Soka University’s REALIS WUX4000’s include a 1.7x long-focus zoom for the large classroom and a 1.5x zoom for the black box theater. Both lenses are used in the Soka Performing Arts Center, depending on which of its multiple projection screens are being used.

Versatile HD Video Capture

REALIS WUX4000 installation LCOS projectors aren’t the only Canon professional imaging products being used at Soka University, Morales revealed. The institution also has ten Canon XF305 Professional HD Camcorders mounted on custom-made robotic arms in both the Center and the black box theater. Easily removable from their mounts, the XF305 Professional HD Camcorders are used for a variety of production tasks at the University.

“The Canon XF305 is actually designed for hand-held ENG-style shooting, but we also use them as robotic-style HD cameras,” Morales explained. “In our custom mounts they can do everything that traditional robotic HD cameras can, and at a third of the price. They are fantastic HD cameras for performing arts centers and concert halls, where discretion is of the outmost importance. A larger HD camera would be too aesthetically cumbersome for those spaces.”

The Canon XF305 Professional Camcorder records Full HD video directly to Compact Flash cards. Equipped with three high-sensitivity Canon native 1920 x 1080 CMOS sensors, the XF305 features a Genuine Canon 18x HD zoom lens with Instant AF and a Full Manual Focus mode with mechanical “hard” end stops and distance markers. Weighing just 6 lbs., the XF305 includes a 4-inch, 1.23-megapixel LCD monitor (with built-in waveform and vector scope display) that can be positioned at either the right or left side of the camera body. The XF305 also includes an industry-standard HD-SDI output, a genlock input, and SMPTE time code (in/out) terminals for multi-camera productions. Equipped with Canon’s advanced MPEG-2 4:2:2 50Mbps XF Codec for exceptional image quality, the XF305 employs the MXF File Wrapper for robust workflow and compatibility with all leading non-linear editing systems.

“These Canon XF305 HD cameras are very versatile,” Morales adds. “We can take them off of the robotic mounts and use them at different locations on campus. I keep one in my office and have taken it up in a helicopter to shoot aerial views. We also use them in our recreation center, where we hold our yearly gala. In the past we hired a crew with its own cameras. This year they used our Canon XF305 HD cameras and we saved thousands on rental fees.”

Named after a Japanese word that means “to create value,” Soka University’s choice of image projection and capture technologies do much to fulfill that goal, according to Morales.
This resource guide is also available in a digital format, and is regularly updated with new content. To stay connected visit: canonproresourceguides.com
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- Genuine Canon Parts
- Factory-Level Quality

- Customer Service & Technical Support
- Team of Industry Experts
- Industry-Leading Response Times
- 100% US-Based

Recognition for Excellence

PCMag.com Readers’ Choice Award for Service & Reliability

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