

# REALiS PRO AV INSTALLATION SERIES 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 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
  - WUX6000: 1.49:1 - 2.24:1
  - WUX5000: 1.49:1 - 2.24:1
  - WUX4000: 1.49:1 - 2.24:1
  - WX6000: 1.53:1 - 2.29:1
  - SX6000: 1.57:1 - 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" - 600" Screens

## Long Focus Zoom Lens RS-IL02LZ

- ▶ Throw Ratio
  - WUX6000: 2.19:1 - 3.74:1
  - WUX5000: 2.19:1 - 3.74:1
  - WUX4000: 2.19:1 - 3.74:1
  - WX6000: 2.25:1 - 2.83:1
  - SX6000: 2.31:1 - 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" - 600" Screens

## Ultra Wide Angle Lens RS-IL03WF

- ▶ Throw Ratio
  - WUX6000: 0.80:1
  - WUX5000: 0.80:1
  - WUX4000: 0.80:1
  - WX6000: 0.82:1
  - SX6000: 0.85:1
- ▶ Fixed Ultra Wide Angle Lens
- ▶ F number: F2.0
- ▶ Focal length:
  - f=12.8 mm
- ▶ Optimized for
  - 40" - 300" Screens

## Ultra Long Focus Zoom Lens RS-IL04UL

- ▶ Throw Ratio
  - WUX6000: 3.55:1 - 6.94:1
  - WUX5000: 3.55:1 - 6.94:1
  - WUX4000: 3.55:1 - 6.94:1
  - WX6000: 3.64:1 - 7.11:1
  - SX6000: 3.74:1 - 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
  - 40" - 600" Screens


## Short Focus Zoom Lens RS-IL05WZ

- ▶ Throw Ratio
  - WUX6000: 1.00:1 - 1.50:1
  - WUX5000: 1.00:1 - 1.50:1
  - WUX4000: 1.00:1 - 1.50:1
  - WX6000: 1.03:1 - 1.54:1
  - SX6000: 1.06:1 - 1.58:1
- ▶ 1.5x Short Focus Zoom Lens
- ▶ F number: F2.09 - 2.34
- ▶ Focal length:
  - f=15.56 - 23.44 mm
- ▶ Optimized for
  - 40" - 600" Screens


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## SPECIFICATIONS


### STANDARD ZOOM LENS RS-IL01ST

	ITEM CODE		4966B001
	THROW RATIO	WUX6000	1.49:1 - 2.24:1
		WUX5000 / WUX4000	1.49:1 - 2.24:1
		WX6000	1.53:1 - 2.29:1
		SX6000	1.57:1 - 2.36:1
	F NUMBER		F1.89 - 2.65
	FOCAL LENGTH		f=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% (H) ±10%
SX6000 / WX6000		(V) -12% ~ 50% (H) ±10%	
OPTICAL CONSTRUCTION		11 groups in 14 elements	


### LONG FOCUS ZOOM LENS RS-IL02LZ

	ITEM CODE		4967B001
	THROW RATIO	WUX6000	2.19:1 - 3.74:1
		WUX5000 / WUX4000	2.19:1 - 3.74:1
		WX6000	2.25:1 - 3.83:1
		SX6000	2.31:1 - 3.94:1
	F NUMBER		F1.99 - 2.83
	FOCAL LENGTH		f=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% (H) ±10%
SX6000 / WX6000		(V) -12% ~ 50% (H) ±10%	
OPTICAL CONSTRUCTION		11 groups in 15 elements	


### ULTRA WIDE ANGLE LENS RS-IL03WF

	ITEM CODE		4968B001
	THROW RATIO	WUX6000	0.80:1
		WUX5000 / WUX4000	0.80:1
		WX6000	0.82:1
		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 / WX6000		(V) ±5% (H) ±2%	
OPTICAL CONSTRUCTION		11 groups in 14 elements	

### ULTRA LONG FOCUS ZOOM LENS RS-IL04UL

	ITEM CODE		6064B001
	THROW RATIO	WUX6000	3.55:1 - 6.94:1
		WUX5000 / WUX4000	3.55:1 - 6.94:1
		WX6000	3.64:1 - 7.11:1
		SX6000	3.74:1 - 7.32:1
	F NUMBER		F2.34 - 2.81
	FOCAL LENGTH		f=53.6 - 105.6 mm
	ZOOM RATIO AND FOCUS		1.95x Optical Zoom (Powered)
	SCREEN SIZE		40 - 600 inches
	LENS SHIFT	WUX4000 / WUX5000 / WUX6000	(V) -15% ~ 55% (H) ±10%
SX6000 / WX6000		(V) -12% ~ 50% (H) ±10%	
OPTICAL CONSTRUCTION		11 groups in 16 elements	

### SHORT FOCUS ZOOM LENS RS-IL05WZ

	ITEM CODE		8168B001
	THROW RATIO	WUX6000	1.00:1 - 1.50:1
		WUX5000 / WUX4000	1.00:1 - 1.50:1
		WX6000	1.03:1 - 1.54:1
		SX6000	1.06:1 - 1.58:1
	F NUMBER		F2.09 - 2.34
	FOCAL LENGTH		f=15.56 - 23.44 mm
	ZOOM RATIO AND FOCUS		1.5x Optical Zoom (Powered)
	SCREEN SIZE		40 - 600 inches
	LENS SHIFT	WUX4000 / WUX5000 / WUX6000	(V) -15% ~ 55% (H) ±10%
SX6000 / WX6000		(V) -12% ~ 50% (H) ±10%	
OPTICAL CONSTRUCTION		11 groups in 15 elements	



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