



# CLARITY VIDEO WALLS

## Rear-Projection Video Wall Displays



WHEN IMAGE EXPERIENCE MATTERS.

**Planar's line of Clarity™ rear-projection displays has one thing in common. A reason for being:**

**• Designed for a purpose.**




Planar takes a unique approach to designing digital displays, before we create them, we learn how they'll be used. We consider the environment, the technical requirements, and even our customers' business objectives. The result is a complete line of rear-projection displays that not only solves problems, but also creates opportunities.

**• Your image on display.**





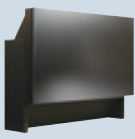
Planar innovative technology consistently delivers the highest image quality available in a large-screen format. Each digital display combines superior resolution, high contrast ratios, and brilliant colors for outstanding performance in a wide variety of environments. Your image looks great, and so do you.

**• Plays nicely with others.** Planar displays are designed to be compatible with a wide variety of components and technology platforms. Our systems can be integrated quickly and easily with the most popular image processors, networking technology, content management systems, and other audio-visual equipment.

**• Looking better over time.** Planar displays are designed and built to last. Each features reliable components and durable construction—along with our unsurpassed level of service and commitment to your success. With our displays, you'll not only minimize your expenses and maximize your returns, you'll have a guaranteed partner for the long-term.






Clarity SP Series			
			
MODEL	c50SP	c67SP	c70SPw
Resolution	1400 x 1050 (SXGA+)	1400 x 1050 (SXGA+)	1920 x 1080 (1080p)
Technology	DLP® SmoothPicture™	DLP® SmoothPicture™	DLP® SmoothPicture™
Screen diagonal	50"	67"	70"
Aspect ratio	4:3	4:3	16:9
Cabinet dimensions (WxHxD)	40" x 37.9" x 24.1" (101.6 cm x 96.3 cm x 61.4 cm)	53.5" x 49.1" x 31" (136 cm x 124.9 cm x 78.8 cm)	61" x 41.6" x 25.4" (155 cm x 105.6 cm x 64.6 cm)
Screen type	Wide-view acrylic (WV) High-bright acrylic (HB)	Wide-view acrylic (WV) High-bright acrylic (HB)	Wide-view acrylic (WV) High-bright acrylic (HB) PrecisionView™-2 (PV2)
Screen brightness	WV HB SL/DL (cd/m²) 360 876	WV HB 101 358 200 488	WV HB HC 114 441 205 164 635 295
ANSI lumens	560 lumens	560 lumens	560 lumens
Contrast ratio	<2500:1	<2500:1	<2500:1
Lamp life (median)	10,000 Varies by lamp type	10,000 Varies by lamp type	10,000 Varies by lamp type
Lamp type	100 watt UHP Long Life Dual auto switching 132 watt UHP High Bright Single	100 watt UHP Long Life Dual auto switching 132 watt UHP High Bright Single	100 watt UHP Long Life Dual auto switching 132 watt UHP High Bright Single
Data I/O	VGA to Full HD DSUB 15 x 2 (with loop through) DVI-D (with loop through)	VGA to Full HD DSUB 15 x 2 (with loop through) DVI-D (with loop through)	VGA to Full HD DSUB 15 x 2 (with loop through) DVI-D (with loop through)
Video I/O options	Component-HD, Composite S-Video, SDI (with loop through)	Component-HD, Composite S-Video, SDI (with loop through)	Component-HD, Composite S-Video, SDI (with loop through)
Control	IR Remote, RS-232, RS-485, WallNet (with loop through)	IR Remote, RS-232, RS-485, WallNet (with loop through)	IR Remote, RS-232, RS-485, WallNet (with loop through)
OPTIONAL	Big Picture™	X	X
	WallNet™	X	X
	Set it and Forget it (SiFi™)	X	X
	Auto Color Balance	X	X

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	Clarity RX Series		Clarity RP Series		Clarity Margay II
					
MODEL	c50RX	c67RX	c50RP	c67RP	Margay II
Resolution	1024 x 768 (XGA)	1024 x 768 (XGA)	1400 x 1050 (SXGA+)	1400 x 1050 (SXGA+)	1920 x 1080 (1080p)
Technology	DLP*	DLP*	DLP*	DLP*	DLP* Smooth Picture™
Screen diagonal	50"	67"	50"	67"	50"
Aspect ratio	4:3	4:3	4:3	4:3	16:9
Cabinet dimensions (WxHxD)	40" x 37.8" x 24.9" (101.6 cm x 96 cm x 63 cm)	53.5" x 49.1" x 31.5" (136 cm x 124.8 cm x 79.9 cm)	40" x 37.8" x 27.11" (101.6 cm x 96 cm x 69 cm)	53.5" x 49.1" x 33.7" (136 cm x 124.8 cm x 85.7 cm)	43.6" x 32.5" x 18.1" (110.8 cm x 82.5 cm x 46 cm)
Screen type	Wide-view acrylic (WV) High-bright acrylic (HB)	Wide-view acrylic (WV) High-bright acrylic (HB)	Wide-view acrylic (WV) High-bright acrylic (HB)	Wide-view acrylic (WV) High-bright acrylic (HB)	PrecisionView-2 (PV2)
Screen brightness (optimal) (cd/m <sup>2</sup> )	WV      HB 259      886	WV      HB 143      419	WV      HB 308      1055	WV      HB 171      586	400 cd/m <sup>2</sup>
ANSI lumens	633 lumens	633 lumens	756 lumens	756 lumens	640 lumens
Contrast ratio	< 2000:1	< 2000:1	< 1600:1	< 1600:1	< 2000:1
Lamp life (median)	100 watt: 10,000 120 watt: 6,000	100 watt: 10,000 120 watt: 6,000	100 watt: 10,000 120 watt: 6,000	100 watt: 10,000 120 watt: 6,000	10,000
Lamp type	100-120 watt UHP Long Life Single and Dual auto switching options	100-120 watt UHP Long Life Single and Dual auto switching options	100-120 watt UHP Long Life Single and Dual auto switching options	100-120 watt UHP Long Life Single and Dual auto switching options	132 watt UHP
Data I/O	VGA to Full HD DSUB 15 x 2 (with loop through) DVI-D (with loop through)	VGA to Full HD DSUB 15 x 2 (with loop through) DVI-D (with loop through)	VGA to Full HD DSUB 15 x 2 (with loop through) DVI-D (with loop through)	VGA to Full HD DSUB 15 x 2 (with loop through) DVI-D (with loop through)	VGA to FHD DSUB 15 x 1 (with loop through) DVI-D x 1 (with loop through)
Video I/O options	Component-HD, Composite S-Video, SDI (with loop through)	Component-HD, Composite S-Video, SDI (with loop through)	Component-HD, Composite S-Video, SDI (with loop through)	Component-HD, Composite S-Video, SDI (with loop through)	Component-HD, Composite S-Video, SDI (with loop through)
Control	IR Remote, RS-232, RS-485, WallNet (with loop through)	IR Remote, RS-232, RS-485, WallNet (with loop through)	IR Remote, RS-232, RS-485, WallNet (with loop through)	IR Remote, RS-232, RS-485, WallNet (with loop through)	WallNet, RS-232, IR remote control
<b>OPTIONAL</b>	Big Picture™	X	X	X	X
	WallNet	X	X	X	X
	Set it and Forget it (SiFi™)	X	X	X	X
	Auto Color Balance				

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## Clarity LED Series

					
MODEL	c70HD-LED	c50RP-LED	c67RP-LED	c50RX-LED	c67RX-LED
Resolution	Full HD 1920 x 1080	1400 x 1050 (SXGA+)	1400 x 1050 (SXGA+)	1024 x 768 (XGA)	1024 x 768 (XGA)
Technology	DLP*	DLP*	DLP*	DLP*	DLP*
Screen diagonal	70"	50"	67"	50"	67"
Aspect ratio					
Cabinet dimensions (WxHxD)	61"x 44.6" x 30.9 (1549.4 cm x 1134.6 cm x 78.6 cm)	40" x 37.8" x 27.1" (101.6 cm x 96 cm x 69 cm)	53.5" x 49.1" x 33.7" (136 cm x 124.8 cm x 85.7 cm)	40" x 37.8" x 27.1" (101.6 cm x 96 cm x 69 cm)	53.5" x 49.1" x 33.7" (136 cm x 124.8 cm x 85.7 cm)
Screen type	PrecisionView-2 (PV2)	PrecisionView-4 (PV4) PrecisionView-1 (PV1)	PrecisionView-4 (PV4) PrecisionView-1 (PV1)	PrecisionView-4 (PV4) PrecisionView-1 (PV1)	PrecisionView-4 (PV4) PrecisionView-1 (PV1)
Screen brightness (optimal) (cd/m <sup>2</sup> )	213 cd/m <sup>2</sup>	793 cd/m <sup>2</sup> (PV4) 231 cd/m <sup>2</sup> (PV1)	442 cd/m <sup>2</sup> (PV4) 129 cd/m <sup>2</sup> (PV1)	793 cd/m <sup>2</sup> (PV4) 231 cd/m <sup>2</sup> (PV1)	442 cd/m <sup>2</sup> (PV4) 129 cd/m <sup>2</sup> (PV1)
Engine output	575 lumens	600 lumens	600 lumens	600 lumens	600 lumens
Contrast ratio	1500:1	1500:1	1500:1	1500:1	1500:1
Illumination System Lifetime	60,000 Hrs	60,000 Hrs	60,000 Hrs	60,000 Hrs	60,000 Hrs
Illumination System	Clarity LED RGB	Clarity LED RGB	Clarity LED RGB	Clarity LED RGB	Clarity LED RGB
Data I/O	VGA to FHD DSUB 15 x 2 (with loop through) DVI-D x 1 (with loop through)	VGA to FHD DSUB 15 x 2 (with loop through) DVI-D x 1 (with loop through)	VGA to FHD DSUB 15 x 2 (with loop through) DVI-D x 1 (with loop through)	VGA to FHD DSUB 15 x 2 (with loop through) DVI-D x 1 (with loop through)	VGA to FHD DSUB 15 x 2 (with loop through) DVI-D x 1 (with loop through)
Video I/O options	Component-HD, Composite S-Video, SDI (all with loop through)	Component-HD, Composite S-Video, SDI (with loop through)	Component-HD, Composite S-Video, SDI (with loop through)	Component-HD, Composite S-Video, SDI (with loop through)	Component-HD, Composite S-Video, SDI (with loop through)
Control	IR Remote, RS-2323, RS-485 (with loop through) WallNet	IR Remote, RS-2323, RS-485 (with loop through) WallNet	IR Remote, RS-2323, RS-485 (with loop through) WallNet	IR Remote, RS-2323, RS-485 (with loop through) WallNet	IR Remote, RS-2323, RS-485 (with loop through) WallNet
Set it and Forget it (SiFi™) Auto Color Balance	RGBCYMW Brightness and Color	RGBCYMW Brightness and Color	RGBCYMW Brightness and Color	RGBCYMW Brightness and Color	RGBCYMW Brightness and Color
<b>OPTIONAL</b> Big Picture™	X	X	X	X	X
WallNet	X	X	X	X	X

For more information about Clarity rear-projection displays from Planar Systems, please call 503-748-1100 or visit [www.planarcontrolroom.com](http://www.planarcontrolroom.com).



When image experience matters.

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