

Clarity Lion



The standard for mission-critical performance

The Clarity Lion is a 67" rear-projection display that is ideally suited for mission-critical digital wall applications. It delivers the highest resolution and reliability available in a large-screen display. Innovative AP/LCD™ technology ensures high image quality in a variety of environmental conditions. And black glass screens, thin mullions and sophisticated screen-to-screen alignment techniques produce a near seamless image.

Features

Superior resolution
Up to native UXGA

Mission-critical reliability
Multi-lamp optical engine prevents downtime

Easy serviceability
Full front and rear access to components

Fast installation
Efficient mechanical and optical design

Space-saving form factor
Only 8" rear clearance required

Clarity Lion XL (WN-6750-XL)

Display resolution	1,024 x 768 (XGA)	
Aspect ratio (W:H)	4:3	
Screen dimensions*		
Diagonal	67" (170 cm)	
Width by height	53.6" x 40.2" (136.1 cm x 102.1 cm)	
Cabinet dimensions (WxHxD)	53.6" x 58.1" x 32.6" (136.1 cm x 147.6 cm x 82.8 cm)	
	SCN-6720XL-GV	SCN-6720XL-GC
Screen type	Wide-view glass	High-contrast glass
On-axis gain	1.0	1.7
Viewing angle ½ gain H/V	80° (±40°)	70° (±35°)
Viewing angle ⅓ gain H/V	135° (±67.5°)	90° (±45°)
Border (mullion)		
Standard screen	.070" (1.75mm)	.070" (1.75mm)
Reinforced screen ¹	.140" (3.5mm)	.140" (3.5mm)
Screen to screen gap	.020" (0.5mm)	.020" (0.5mm)
Screen brightness		
One lamp	19ftL	32ftL
Two lamps	38ftL	64ftL
Contrast ratio (full field)	>1,200:1 typical	
Brightness uniformity (new ANSI 13 pt)	Greater than 80%	
Weight*	~250 lbs (113.4 kg)	
Lamp life (median)	8,000 hours	
Lamp type	180 watt High Pressure Mercury Discharge Lamps (x2)	
Line voltage	100–120V, 200–240V@50/60Hz	
Power consumption		
One lamp	460 watts	
Two lamps	690 watts	
Serviceability	Full access from front or rear	
Rear ventilation required	8"	
Colors	16.7 million	
Operating temperature	32–95° F (0–35° C)	
Operating humidity	20–80% RH	
Safety regulations	Complies with UL, cUL, FCC Class A, CISPR22, CE, designed to meet EN60950	
Display technology	AP/LCD rear projection	
Data input (standard)		
Analog	VGA to UXGA (UXGA@60Hz) High definition (720p, 1080i) RGBHV Two 15-pin HD D-sub connectors	
Digital	DVI-D connector Digital output of selected input (digital loop thru)	
Video input (optional)	Composite video (NTSC/PAL/SECAM) on BNC x 2 with loop through S-Video (NTSC/PAL/SECAM) on Mini DIN 4-pin connector x 2 with loop through	
Ambient noise	43 dB	
Display control	RS-232 and IR remote	
WallNet™	Supported	

*Weight and dimensions are approximate. Specifications and design are subject to change without notice. This product may be subject to export control regulations.

Clarity Lion UXL (WN-6750-UXL)

Display resolution	1,600 x 1,200 (UXGA)	
Aspect ratio (W:H)	4:3	
Screen dimensions*		
Diagonal	67" (170 cm)	
Width by height	53.6" x 40.2" (136.1 cm x 102.1 cm)	
Cabinet dimensions (WxHxD)	53.6" x 58.1" x 32.6" (136.1 cm x 147.6 cm x 82.8 cm)	
	SCN-6720UXL-GV	SCN-6720UXL-GC
Screen type	Wide-view glass	High-contrast glass
On-axis gain	1.0	1.7
Viewing angle ½ gain H/V	80° (±40°)	70° (±35°)
Viewing angle ⅓ gain H/V	135° (±67.5°)	90° (±45°)
Border (mullion)		
Standard screen	.070" (1.75mm)	.070" (1.75mm)
Reinforced screen ¹	.140" (3.5mm)	.140" (3.5mm)
Screen to screen gap	.020" (0.5mm)	.020" (0.5mm)
Screen brightness		
One lamp	16ftL	27ftL
Two lamps	32ftL	54ftL
Contrast ratio (full field)	>1,200:1 typical	
Brightness uniformity (new ANSI 13 pt)	Greater than 80%	
Weight*	~250 lbs (113.4 kg)	
Lamp life (median)	8,000 hours	
Lamp type	180 watt High Pressure Mercury Discharge Lamps (x2)	
Line voltage	100–120V, 200–240V@50/60Hz	
Power consumption		
One lamp	460 watts	
Two lamps	690 watts	
Serviceability	Full access from front or rear	
Rear ventilation required	8"	
Colors	16.7 million	
Operating temperature	32–95° F (0–35° C)	
Operating humidity	20–80% RH	
Safety regulations	Complies with UL, cUL, FCC Class A, CISPR22, TUV/GS, CE	
Display technology	AP/LCD rear projection	
Data input (standard)	VGA to UXGA (UXGA@60Hz)	
Analog	High definition (720p, 1080i) RGBHV Two 15-pin HD D-sub connectors	
Digital	DVI-D connector Digital output of selected input (digital loop thru)	
Video input (optional)	Composite video (NTSC/PAL/SECAM) on BNC x 2 with loop through S-Video (NTSC/PAL/SECAM) on Mini DIN 4-pin connector x 2 with loop through	
Display control	RS-232 and IR remote	
WallNet™	Supported	

*Weight and dimensions are approximate. Specifications and design are subject to change without notice.
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Options and accessories

Reinforced Screen – This special glass screen option is required for flying (overhead) or tilted installations.

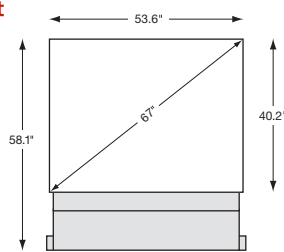
Video Input Module (VIM-6720, VIM-6750) – Allows input of NTSC, PAL or SECAM Composite video or S-Video connectivity.

Big Picture™ (BP-6720, BP-6750) – Internal magnification capability to spread a single input over multiple displays.

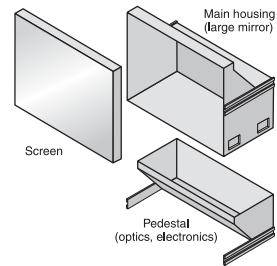
WallNet™ – Enables diagnostic control and troubleshooting from remote location. One WallNet is required per wall.

Views

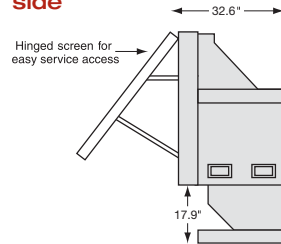
front



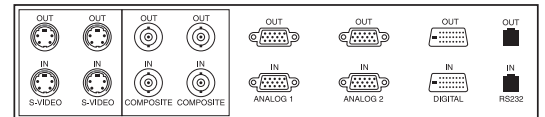
display components



side



connection panel



For more information

To learn more about Clarity Lion from Planar Systems, please call 503-570-0700, email controlroom@planar.com or visit www.planarcontrolroom.com.



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