

The Clarity™ RXi Series, available in 127cm and 170cm sizes, are rear-projection displays incorporating single chip DLP® with Set it and Forget it™ (SiFi) technology for optimum performance. They combine unmatched pixel sharpness and easy maintenance with Indisys™ processing for a complete solution for visual wall applications.



FEATURES

Intelligent operation

SiFi™ auto color and brightness control

Common resolution

XGA (1024 x 768)

Efficient design

50" and 67" cubes with no rear-clearance required

Color purity

High brightness and color performance (DLP)

Compact design

Overpressure cube prevents dust penetration

Fully integrated system

Indisys™ processing with PiP4 and scaling

Easy set-up

Motorized alignment with IR remote

Fast serviceability

Front and rear access to all components

CLARITY c50RXi

Display resolution	1024 x 768 (XGA)	
Aspect ratio (W:H)	4:3	
Display technology	DLP® .7" XGA DMD with 12° tilt angle	
Pixel shape	Square	
Screen dimensions		
Diagonal	50" (127 cm)	
Width by height	40" x 30" (101.6 cm x 76.2 cm)	
Cabinet dimensions (WxHxD)	40" x 37.8" x 24.9" (101.6 cm x 96 cm x 63 cm)	
Maximum stack height *	6 without additional support	
Screen type	Wide-view (WV)	High-bright (HB)
Full viewing angle	180°	180°
Viewing angle (1/5 gain)	+/-70° V/H	+/-18° V; +/-48° H
Viewing angle (1/2 gain)	+/-38° V/H	+/-10° V; +/-33° H
Border (typical)	0	0
Screen to screen gap	< 0.7 mm	< 0.7 mm
Brightness** (typical)		
100 watt	140 cd/m2 (40 fTL)	485 cd/m2 (145 fTL)
120 watt	165 cd/m2 (48 fTL)	580 cd/m2 (185 fTL)
Contrast ratio (full field)	1500:1	
Image alignment	6-Axis motor control	
Brightness uniformity	>90%	
Color and brightness control (optional)	Automatic via SiFi™ Auto Color Balance	
Weight***	112 lbs (51 kg)	
Lamp type	100 -120 watt UHP Long Life Single and Dual auto switching options	
Lamp life**** (median)	100 watt: 10,000 hours 120 watt: 6,000 hours	
Power consumption	Maximum: 250 watts Typical: 170 watts	
Serviceability	Full front/Full rear access	
Rear clearance	Zero required	
Colors	16.7 million	
Color gamut	> 68% NTSC, 94% EBU	
Operating temperature	5-35°C (22° +/-3C for optimal screen performance)	
Non-operating temperature	-10°C to 50°C	
Operating humidity	20-80% RH non-condensing	
Safety regulations	FCC Class A, EN55022/CISPR22, ICES-003, CNS 13438, EN55024, EN60950, TUV Rheinland, EU RoHS	
Ambient noise	45 dB (typical)	
Integrated Architecture		
Processor	Indisys™	
Capabilities	PiP	Processing
	4	Resize, pan, scale, zoom, snapshot
Inputs	2 x DVI-D connectors 330 MHz Pixel frequency	
Loop through	Digital (2 x DVI-D connectors)	
Miscellaneous	LCD control display on rear-panel Ethernet TCP/IP control	

* Walls above 3 high should be tied back for safety.

** Specified with white boost off. With white boost on, the brightness will increase 33%.

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

****Lamp manufacturer specs at IEC 61947-1 text conditions.

CLARITY c67RXi



Display resolution	1024 x 768 (XGA)	
Aspect ratio (W:H)	4:3	
Display technology	DLP® .7" XGA DMD with 12° tilt angle	
Pixel shape	Square	
Screen dimensions		
Diagonal	67" (170.2)	
Width by height	53.5" x 40.2" (135.9 cm x 101.9 cm)	
Cabinet dimensions (WxHxD)	53.5" x 49.1" x 31.5" (136 cm x 124.8 cm x 79.9 cm)	
Maximum stack height*	6 without additional support	
Screen type	Wide-view (WV)	High-bright (HB)
Full viewing angle	180°	180°
Viewing angle (1/5 gain)	+/-70° V/H	+/-18° V; +/-48° H
Viewing angle (1/2 gain)	+/-38° V/H	+/-10° V; +/-33° H
Border (typical)	0 0	
Screen to screen gap	< 0.7 mm	
Brightness** (typical)		
100 watt	80 cd/m2 (25 ftL)	275 cd/m2 (85 ftL)
120 watt	95 cd/m2 (30 ftL)	325 cd/m2 (95 ftL)
Contrast ratio (full field)	1500:1	
Image alignment	6-Axis motor control	
Brightness uniformity	>90%	
Color and brightness control (optional)	Automatic via SiFi™ Auto Color Balance	
Weight***	170 lbs (77 kg)	
Lamp type	100 -120 watt UHP Long Life Single and Dual auto switching options	
Lamp life**** (median)	100 watt: 10,000 hours	120 watt: 6,000 hours
Power consumption	Maximum: 250 watts Typical: 170 watts	
Serviceability	Full front/Full rear access	
Rear clearance	Zero required	
Colors	16.7 million	
Color gamut	> 68% NTSC, 94% EBU	
Operating temperature	5-35°C (22° +/-3C for optimal screen performance)	
Non-operating temperature	-10°C to 50°C	
Operating humidity	20-80% RH non-condensing	
Safety regulations	FCC Class A, EN55022/CISPR22, ICES-003, CNS 13438, EN55024, EN60950, TUV Rheinland, EU RoHS	
Ambient noise	45 dB	
Integrated Architecture		
Processor	Indisys™	
Capabilities	PiP	Processing
	4	Resize, pan, scale, zoom, snapshot
Inputs	2 x DVI-D connectors 330 MHz Pixel frequency	
Loop through	Digital (2 x DVI-D connectors)	
Miscellaneous	LCD control display on rear-panel Ethernet TCP/IP control	

* Walls above 3 high should be tied back for safety.

** Specified with white boost off. With white boost on, the brightness will increase 33%.

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

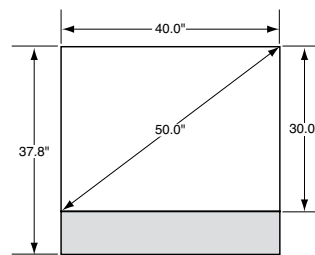
**** Lamp manufacturer specs at IEC 61947-1 text conditions.

Accessories

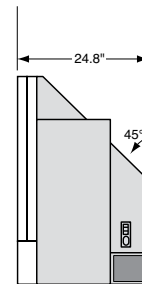
Screen Brace (SB-c50RX, SB-c67RX) – A simple screen support which provides adequate support for the screen and covers chassis pedestal.

c50RXi

front

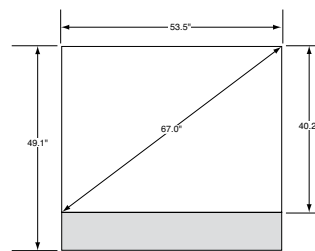


side

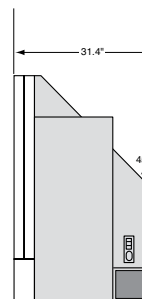


c67RXi

front



side





When image experience matters.

For more information

To learn more about the Clarity RXi series by Planar Systems, call 503-748-1100 or visit www.planarcontrolroom.com.

Planar Systems, Inc.
1195 NW Compton Drive
Beaverton, OR, 97006-1992, USA
Toll Free +1-866-475-2627
www.planar.com

Planar is a trademark of Planar Systems, Inc. All other trade and service marks are the property of their holders.

Copyright © 2008 Planar Systems, Inc. All rights reserved. This document may not be copied in any form without written permission from Planar Systems, Inc. Information in this document is subject to change without notice.

15309 09/08