



# CLARITY c80RPi

The Clarity™ c80RPi is an extension of the Clarity RP series of rear projection displays that includes a native SXGA+ (1400x1050) single-chip DLP engine and Planar's proprietary Set it and Forget it (SiFi™) auto color and brightness balancing. The c80RPi combines a large screen area and fine pixel image quality for superb performance in utility, communications, government and surveillance video wall applications.

The c80RPi features Planar's industry leading screen design and a chassis design which is collapsible to maximize shipping efficiencies. This display provides lamp options for demanding environments that require redundancy or high brightness.



## FEATURES

**Superior resolution**  
SXGA+ (1400 x 1050)

**Intelligent operation**  
SiFi™ auto color and  
brightness control

**Color purity**  
High brightness and  
color performance (DLP®)

**Fully integrated system**  
Indisys™ image processing

**Dual lamp option**  
For mission-critical applications

**Screen technology**  
Industry-leading  
seamless screen option

## CLARITY c80RPi

Display resolution	1400 x 1050 (SXGA+)	
Aspect ratio (W:H)	4:3	
Imaging technology	DLP®	
Screen diagonal	80" nominal	
Pixel shape	Square	
Dimensions		
Width	1587mm (62.5 inches)	
Height	1190mm (46.9 inches)	
Depth	1166mm (45.9 inches)	
Weight	approximately 80 kg, 175 lbs	
Maximum stack height*	4 high	
Screen type	High Contrast	
Full viewing angle	180°	
Viewing angle (1/5 gain)	+/-45° V/H	
Border (typical)	0	
Screen to screen gap (typical)	< 0.7 mm image to image	
Brightness	Typical / optimal**	
100 watt	132 cd/m2 / 161 cd/m2	
120 watt	158 cd/m2 / 193 cd/m2	
132 watt (SL only)	184 cd/m2 / 225 cd/m2	
150 watt (SL only)	211 cd/m2 / 257 cd/m2	
Auto color and brightness balancing	Optional SiFi™ auto color balance	
Contrast ratio	1500:1	
Brightness uniformity	> 90%	
Lamp system	Single lamp	Dual lamp w/auto lamp changer
Lamp wattage	132 / 150 watts	100 / 120 watts
Lifetime (median)***	10,000 / 6,000 hours	10,000 / 6,000 hours
Lamp modes	Single lamp. Dual lamp with auto lamp changer	
Power consumption	Max: 250W Typical : 170W	
Serviceability	Full rear access only	
Colors	16.7 million	
Color gamut	> 68% NTSC, 94% EBU	
Operating temperature range	10-35°C	
Operating humidity range	20-80% non-condensing	
Safety regulations	FCC Class A, EN55022/CISPR22, ICES-003, CNS 13438, EN55024, EN60950, RoHS, MIC, EK, CCC	
Processor	Indisys®	
Capabilities	PIP 4, resize, pan, scale, zoom, snapshot	
Inputs	2 x DVI-D connectors, 330 MHz Pixel frequency per connector	
Loop through	Digital (2 x DVI-D connectors)	
Control	Indisys Director via Ethernet, TCP/IP	

\* Maximum stack height. Requires the wall to be tied back.

\*\* Optimal brightness measurement when using white boost.

\*\*\* Lamp manufacturer specification IEC 61947-1 test conditions.



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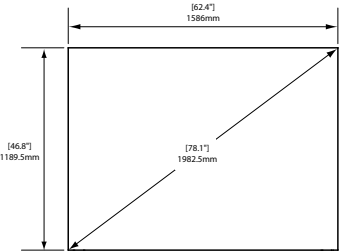


For more information

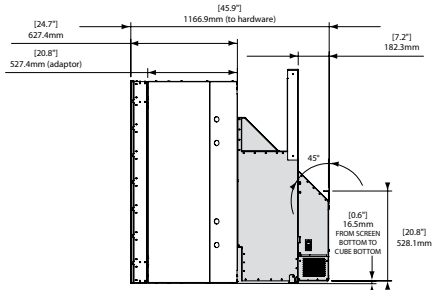
To learn more about the Clarity c80RPI by Planar Systems, call 503-748-1100 or visit [www.planarcontrolroom.com](http://www.planarcontrolroom.com).

## Views

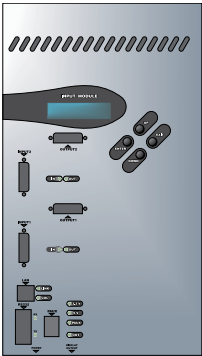
front



side



## Indisys™ input module



When image experience matters.

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