

The Clarity™ c80RP 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 c80RP combines a large screen area and fine pixel image quality for superb performance in utility, communications, government and surveillance video wall applications.

The c80RP 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®)

Open architecture electronics
Compatible with a wide range of
3rd party image processors

Dual lamp option
For mission-critical applications

Screen technology
Industry-leading
seamless screen option

CLARITY c80RP

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	
Inputs	VGA to FHD (1920 x 1080 @ 60Hz) Analog: DSUB 15 pin connector x 2 with loop through Digital: DVI-D with loop through Video: SDI, Composite, S-Video, Component-HD all w/loop through	
Control	WallNet, RS-232, IR remote control	

* 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.

CLARITY c80RP

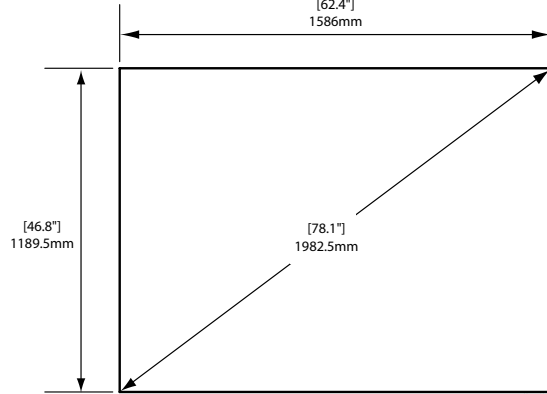


For more information

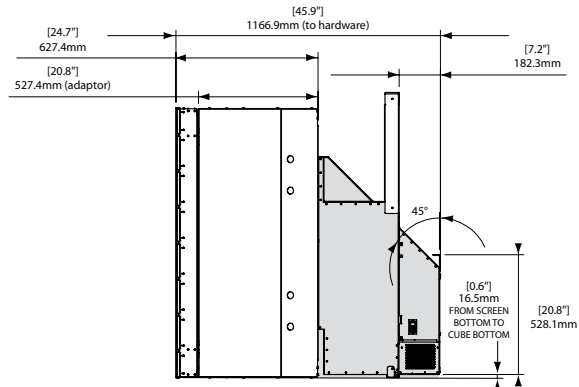
To learn more about the Clarity c80RP by Planar Systems, call 503-748-1100 or visit www.planarcontrolroom.com.

Views

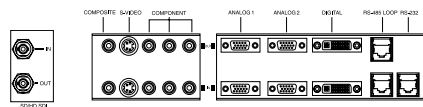
front



side



RP series connection panel



When image experience matters.

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