

OverView cPR84 (Atlas CS4)

84" Display Wall system integrating 3-panel Poly-Silicon LCD technology with SXGA resolution.



OverView cPR84 (Atlas CS4) is a flexible structure designed to house poly-silicon LCD projectors with SXGA resolution and different screen types in 84" diagonal with an optical seam of only 0,3 mm/0.01". Thanks to an ingenious fixation of projectors and mirrors a minimal installation depth is required.

Projector technology and screen type are selected after evaluation of control functions, marketing needs, human factors and budget. **Flexible Structure**

- designed to form a display wall of any size, in a linear or curved setup
- requires minimal installation depth
- closed structure helps eliminate light and dust
- design-engineered optical solution, from the lamp to the screen
- optional architectural trim for stand-alone or built-in solutions

High-Precision Screen

- provides high-contrast, even in bright ambient light
- type of screen is selected based on the overall environmental conditions and operational requirements
- stitched screens: the use of very fine steel pins results in a nearly imperceptible optical seam (patented seamless screen mounting)
- screen modules: the distance of pixels between adjacent screens is about 1.2 mm (0.047")

Projection Engine

- designed to incorporate various projection engines based on most modern

BARCO

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technologies

- designed for rear-projection applications in 24/7 environment
- access to operation and service adjustments through IR remote control
- Barco's Lamp-Lease Program allows you to efficiently control operational costs

Product specifications

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| | |
|---------------------------------|---|
| Resolution | SXGA |
| Aspect Ratio | 5:4 |
| Colors | 16.7 millions |
| Lamp | <ul style="list-style-type: none">• 100 Watt lamp• operation time 8,000 hours (average) |
| AC power | 95-230 VAC ± 10%, 50-60 Hz |
| Power | 220 W |
| Luminance | 110 cd/m ² 32 fTL |
| Brightness | 500 lumens |
| Contrast | 350:1 |
| Brightness uniformity | > 95% |
| Dimensions structure | <ul style="list-style-type: none">• Diagonal 84"• Width 1650 mm / 65 in.• Height 1320 mm / 52 in.• Footprint 1078 mm / 42.5 in.• Depth 1225 mm / 48.2 in.• Socket heigth min 366 mm / 14.4 in. |
| Environmental Compliance | <ul style="list-style-type: none">• Operating temperature: 17 °C - 27 °C or 62 °F - 80 °F• Humidity: recommended 40% - 60%, non condensing Typical for stiched screens. |
| Screens | <ul style="list-style-type: none">• high gain screens for high brightness and high contrast• other screens on request |