

Compact mechanical system designed to house Poly-Silicon LCD projection systems with XGA or SXGA resolution and different



ATLAS is a compact mechanical system designed to house Poly-Silicon LCD projection systems with XGA or SXGA resolution and different screen types in 67" or 84" diagonal. Next to a range of standardized solutions, any display with screen sizes up to 100" can be designed depending on the viewing needs, shape and dimensions of the installation site. Furthermore ATLAS can also be seamlessly integrated into any control center already in use and help you keep up with future developments in projection technologies.

#### **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 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

# Technische Daten

<b>Bildgröße</b>	<ul style="list-style-type: none"> <li>• 67" or 84" diagonally</li> <li>• High gain screens for high brightness and high contrast black screens for wide viewing angles</li> <li>• Other screens on request</li> <li>• Download the brochure for more info on the principles and technologies</li> </ul>
<b>Umweltbedingungen</b>	<ul style="list-style-type: none"> <li>• Operating temperature: 17 °C - 27 °C or 62 °F - 80 °F</li> <li>• Humidity: recommended 40% - 60%, non condensing</li> </ul> <p>Typical for stiched screens. Consult download for more info on screen modules.</p>
<b>LCD-Panels</b>	<ul style="list-style-type: none"> <li>• XGA with 3-panel Poly-Silicon LCD, 4:3</li> <li>• SXGA with 3-panel Poly-Silicon LCD, 5:4</li> </ul>
<b>Helligkeitsgleichförmigkeit</b>	> 95 %
<b>Lampe</b>	100 Watt lamp Operation time 8,000 hours (average)
<b>Abmessungen Struktur</b>	<p>Atlas 67" - XGA</p> <ul style="list-style-type: none"> <li>• Width 1368 mm / 53.86 in.</li> <li>• Height 1026 mm / 40.39 in.</li> <li>• Footprint 753 mm / 29.65 in.</li> <li>• Depth 897 mm / 35.32 in.</li> <li>• Socket heighth (min) 614 mm / 24.17 in.</li> <li>• Socket heighth (max) 1288 mm / 50.7 in.</li> <li>• Weight 108 kg / 238 lbs</li> </ul> <p>Atlas 67" - SXGA</p> <ul style="list-style-type: none"> <li>• Width 1335 mm / 52.56 in.</li> <li>• Height 1068 mm / 42.05 in.</li> <li>• Footprint 798 mm / 31.4 in.</li> <li>• Depth 942 mm / 37.1 in.</li> <li>• Socket heighth (min) 492 mm / 19.4 in.</li> <li>• Socket heighth (max) 1288 mm / 50.7 in.</li> <li>• Weight 108 kg / 239 lbs</li> </ul> <p>Atlas 84" - XGA</p> <ul style="list-style-type: none"> <li>• Width 1708 mm / 67.24 in.</li> <li>• Height 1281 mm / 50.43 in.</li> <li>• Footprint 1041 mm / 41 in.</li> <li>• Depth 1186 mm / 46.68 in.</li> <li>• Socket heighth (min) 486 mm / 19.13 in.</li> <li>• Socket heighth (max) 1288 mm / 50.7 in.</li> <li>• Weight 138 kg / 305 lbs</li> </ul> <p>Atlas 84" - SXGA</p> <ul style="list-style-type: none"> <li>• Width 1650 mm / 65 in.</li> <li>• Height 1320 mm / 52 in.</li> <li>• Footprint 1079 mm / 42.5 in.</li> <li>• Depth 1225 mm / 48.2 in.</li> <li>• Socket heighth (min) 366 mm / 14.4 in.</li> <li>• Socket heighth (max) 1288 mm / 50.7 in.</li> <li>• Weight 138 kg / 305 lbs</li> </ul>
<b>Kontrast</b>	250:1
<b>Stromversorgung</b>	95-230 VAC ± 10%, 50-60 Hz
<b>Optional</b>	All projector settings are accessible through Barco's wall management software. Full features of this software can be viewed under this website 'Application software'
<b>Leuchtdichte</b>	<p>Atlas 67" XGA - 130 cd/m<sup>2</sup>   38 fTL</p> <p>Atlas 67" SXGA - 110 cd/m<sup>2</sup>   32 fTL</p> <p>Atlas 84" XGA - 262 cd/m<sup>2</sup>   77 fTL</p> <p>Atlas 84" SXGA - 220 cd/m<sup>2</sup>   65 fTL</p>
<b>Kompatibilität</b>	Barco's Atlas integrates with the existing network environment and video sources via BARCO's graphical control units: EOS Compact, Power and Ultra, Hydra and Visu+.
<b>Auflösung</b>	<p>XGA - 1024x768 pixels</p> <p>SXGA - 1280x1024 pixels</p> <p>depending on the projector, screen type and size used</p>
<b>Lichtstrom</b>	<p>XGA - 500 lumens</p> <p>SXGA - 600 lumens</p>

**Leistungsaufnahme**

XGA resolution - 140 W  
SXGA resolution - 220 W