## Single-chip DLP projectors for ProAV

### F series

#### F70

<table>
<thead>
<tr>
<th>Key specifications</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barco Pulse electronics with SSP</td>
<td>The F70 was specifically built to offer superb performance in demanding environments. Fitted with protective metal, Barco’s F70 withstands a motion platform’s rapid and sudden movements, making it perfect for theme parks and dark rides. With a lifetime of up to 60,000 hours, this is one of the most durable projectors on the market.</td>
</tr>
</tbody>
</table>

**Typical applications:** Museums, theme parks, auditoriums, planetariums

#### F70-W8

- 1.920 x 1.200 (native WUXGA) resolution
- Up to 8,000 lumens
- Up to 60,000 hrs lifetime
- Motion platform compatible

#### F70-4K8

- 3,840 x 2,400 (4K UHD)/ 2,560 x 1,600 (native WQXGA)/ 1,920 x 1,200 (WUXGA) resolution
- Up to 8,000 lumens
- Up to 60,000 hrs lifetime
- Motion platform compatible

#### F70-4K8

- 3,840 x 2,400 (4K UHD)/ 2,560 x 1,600 (native WQXGA)/ 1,920 x 1,200 (WUXGA) resolution
- Up to 8,000 lumens
- Up to 60,000 hrs lifetime
- Motion platform compatible

#### F80

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<td>Barco Pulse electronics with SSP</td>
<td>The F80’s advanced cooling makes it one of the most silent projectors in its class. Its stunning image quality and laser light source enable you to provide really stand-out experiences, while saving both time and money. With considerable cost-savings on consumables and maintenance, F80 offers you unprecedented business value.</td>
</tr>
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**Typical applications:** Museums, boardrooms, auditoriums

#### F80-Q7

- 2,560 x 1,600 (native WQXGA)/ 1,920 x 1,200 (WUXGA) resolution
- 7,000 lumens
- Up to 40,000 hrs lifetime
- Ultra-silent

#### F80-4K7

- 2,560 x 1,600 (native WQXGA)/ 1,920 x 1,200 (WUXGA) resolution
- 7,000 lumens
- Up to 40,000 hrs lifetime
- Ultra-silent

#### F80-Q9

- 2,560 x 1,600 (native WQXGA)/ 1,920 x 1,200 (WUXGA) resolution
- 7,000 lumens
- Up to 40,000 hrs lifetime
- Ultra-silent

#### F80-4K9

- 3,840 x 2,400 (4K UHD)/ 2,560 x 1,600 (native WQXGA)/ 1,920 x 1,200 (WUXGA) resolution
- 9,000 lumens
- Up to 40,000 hrs lifetime
- Ultra-silent

#### F80-Q12

- 2,560 x 1,600 (native WQXGA)/ 1,920 x 1,200 (WUXGA) resolution
- 12,000 lumens
- Up to 40,000 hrs lifetime
- Ultra-silent

#### F80-4K12

- 3,840 x 2,400 (4K UHD)/ 2,560 x 1,600 (native WQXGA)/ 1,920 x 1,200 (WUXGA) resolution
- 12,000 lumens
- Up to 40,000 hrs lifetime
- Ultra-silent

#### F80-Q12

- 2,560 x 1,600 (native WQXGA)/ 1,920 x 1,200 (WUXGA) resolution
- 12,000 lumens
- Up to 40,000 hrs lifetime
- Ultra-silent

#### F80-4K12

- 3,840 x 2,400 (4K UHD)/ 2,560 x 1,600 (native WQXGA)/ 1,920 x 1,200 (WUXGA) resolution
- 12,000 lumens
- Up to 40,000 hrs lifetime
- Ultra-silent

The F80’s advanced cooling makes it one of the most silent projectors in its class. Barco Pulse electronics, with its fast and reliable Single Step Processing, ensures razor-sharp 4K images, With considerable cost-savings on consumables and maintenance, F80 offers you unprecedented business value.
<table>
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<tr>
<th>Model</th>
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| F90-W13 | • Barco Pulse electronics with SSP  
• 1,920 x 1,200 (WUXGA) resolution  
• 13,000 lumens  
• Up to 60,000 hrs lifetime  
• High brightness | With the F90-W13 you increase uptime while driving costs down. Its laser-phosphor light source with advanced cooling offers high brightness performance and a long lifetime (up to 60,000 hours) with lower maintenance cost (no lamps, no filters). The projector’s 360° rotation capability and wide lens shift range enable flexible installation. |
| F90-4K13 | • Barco Pulse electronics with SSP  
• 3,840 x 2,400 (4K UHD)/ 2,560 x 1,600 (native WQXGA)/ 1,920 x 1,200 (WUXGA) resolution  
• 11,800 lumens  
• Up to 60,000 hrs lifetime  
• High brightness | Barco Pulse electronics, with its fast and reliable Single Step Processing, ensures razor-sharp 4K UHD images, with saturated colors. Its laser-phosphor light source with advanced cooling offers high brightness performance and a long lifetime (up to 60,000 hours) with lower maintenance cost (no lamps, no filters). The projector’s 360° rotation capability and wide lens shift range enable flexible installation. |
| F50 | • 1,920 x 1,080 (1080)/ 1,920 x 1,200 (WUXGA)/ 2,560 x 1,600 (WQXGA)/ 3,840 x 2,400 (4K UHD)  
• Up to 3,000 lumens  
• Active stereo 3D  
• High frame rate (120 Hz)  
• 1 x 350W lamp | This compact, ruggedized lamp-based projector brings increased brightness, higher resolution (up to WQXGA) and high frame rates (120 Hz) to a wide range of applications. Optimized for motion platform systems and designed for 24/7 use, the F50 excels in reliability and versatility. |
| FL40-4K | • Barco Pulse electronics with SSP  
• Up to 3,840 x 2,400 (4K UHD) / 2,560 x 1,600 (native WQXGA)  
• Up to 3,000 lumens  
• Bright RGB LEDs  
• Up to 50,000 hrs lifetime | The FL40-4K is a true solid state ruggedized LED projector perfectly suited for use on motion platforms. Barco Pulse electronics, with its fast and reliable Single Step Processing, ensures razor-sharp 4K UHD images faster and at lower latency. This projector combines amazing visual performance and extreme reliability with a low TCO. |
| G60-W7 | • 1,920 x 1,200 (WUXGA) resolution  
• 7,000 lumens  
• Up to 20,000 hrs lifetime  
• Available in black and white | The G60 series opens up the range of possibilities for your less complex set-ups, while still relying on the valued Barco service and support. The laser light source ensures great image quality, and the wide lens shift range enlarges the projectors flexibility. The G60s are supported by Barco’s Projector Toolset, allowing for consistent and easy installation and maintenance. |
| G60-W8 | • 1,920 x 1,200 (WUXGA) resolution  
• 8,000 lumens  
• Up to 20,000 hrs lifetime  
• Available in black and white | The G60 series opens up the range of possibilities for your less complex set-ups, while still relying on the valued Barco service and support. The laser light source ensures great image quality, and the wide lens shift range enlarges the projectors flexibility. The G60s are supported by Barco’s Projector Toolset, allowing for consistent and easy installation and maintenance. |
| G60-W10 | • 1,920 x 1,200 (WUXGA) resolution  
• 10,000 lumens  
• Up to 20,000 hrs lifetime  
• Available in black and white | The G60 series opens up the range of possibilities for your less complex set-ups, while still relying on the valued Barco service and support. The laser light source ensures great image quality, and the wide lens shift range enlarges the projectors flexibility. The G60s are supported by Barco’s Projector Toolset, allowing for consistent and easy installation and maintenance. |