



## Barco FLM R22+

Ultra silent, compact 22k Lumens Projector

<b>Light Output</b>	22,000 center lumens 21,000 ANSI lumens
<b>Resolution</b>	1400 x 1050 (native)
<b>Brightness uniformity</b>	> 90% for the total screen
<b>Contrast ratio</b>	1700:1 (full field) – high contrast mode 2200:1 (full field)
<b>Display</b>	3 Chip DLP SXGA+ (resolution of 1400 x 1050 pixels (aspect ratio 4:3)).
<b>Convergence</b>	Max allowed convergence drift is 0.5 pixel. This is checked on vertical and horizontal midlines only. Corners are not applicable for convergence error. This is measured with TLD 1.2 lens on axis.
<b>Features</b>	<ul style="list-style-type: none"> <li>• Picture in picture</li> <li>• Seamless switching with effects</li> <li>• Standard light shutter</li> <li>• Rigging point</li> <li>• Carrying handle</li> <li>• High contrast mode</li> <li>• P7 color processing</li> <li>• internal warp module</li> </ul>
<b>Picture-in-picture</b>	2 sources simultaneous
<b>Inputs</b>	<b>Modular Inputs:</b> <ul style="list-style-type: none"> <li>• Configurable 5 cable (BNC)</li> <li>• DVI</li> <li>• (HD)SDI (+ loop through)</li> <li>• DVI - HDCP</li> </ul>
<b>Outputs</b>	HDSDI/ SDI loop out
<b>Communication</b>	<ul style="list-style-type: none"> <li>• 1x RS-232C IN (D-9 connector)</li> <li>• 1x RS-232C OUT (D-9 connector)</li> <li>• 1x RS-232C IN (XLR connector)</li> <li>• 2x prop. protocol (RJ45 connector)</li> <li>• xlr and mini-jack for wired remote control</li> </ul>
<b>Compatibility</b>	<ul style="list-style-type: none"> <li>• All current video sources (PAL, SECAM, NTSC) in</li> </ul>

	<p>Composite, S-VHS, Component or RGB formats</p> <ul style="list-style-type: none"> <li>• All current HDTV sources</li> <li>• All computer graphics formats from VGA, SVGA, XGA, SXGA, full HD, UXGA to QXGA</li> <li>• Most Macintosh computers</li> <li>• Electronic workstations with a resolution up to QXGA (2048 x 1536 pixels at 60 Hz)</li> <li>• Most computer sources with a pixel clock up to 300 MHz</li> <li>• DVI sources up to DC2K (2048x1080)</li> </ul>
<b>Input source compatibility</b>	Max. input: up to QXGA (2048 x 1536)
<b>Screen size</b>	From 1-12m / 3-39ft.recomended
<b>Scan Frequencies</b>	Pixel clock >162Mhz (QXGA 60hz)
<b>Network connection</b>	10/100 base-T
<b>On board display server</b>	Ethernet control standard remote control projector over ethernet via Projector Toolset
<b>Ambient temperature</b>	Max 40°C (104°F)
<b>Lamp</b>	3 KW Xenon  Warranty universal lamphouse: 750 Hrs
<b>Lens Shift</b>	Vertical: -10% to +110% Horizontal: -50% to +50% (small differences occur per lens type) (short throw lenses have less shift)
<b>Lens encoders</b>	On zoom and focus (with TLD lenses)
<b>ScenergiX</b>	Standard horizontal and vertical electronic edge blending
<b>Sealed DLP™ core</b>	Standard
<b>Dust filters</b>	Dense, high quality microfilters available as spare kit, in a 6-pack & 24-pack
<b>Noise Level</b>	56 dBA (at 40°C)
<b>Mains Voltage</b>	200 - 240 V
<b>Power consumption</b>	3500 W (with universal lamp)
<b>Power Dissipation</b>	max 11953BTU/h
<b>Weight</b>	99 kg (220 lbs)
<b>Dimensions</b>	WxLxH 707 x 1025 x 548 mm (27.8 x 40.3 x 21.5 inch) incl. carrying handle + rigging points
<b>Shipping Dimensions</b>	Width: 92 cm Height: 95 cm Depth: 123 cm Floor Space: 1,1316 m <sup>2</sup>

	Volume: 1,075020 m <sup>3</sup> Gross Weight: 161 kg
<b>Safety Regulations</b>	Compliant with UL1950 and EN60950
<b>Electromagnetic Interference</b>	Complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A
<b>Order Information</b>	Projector: R9004500 Spare lamp (universal lamp house): R9854535 6-pack dust filters: R9454470 24-pack dust filters: R9454480 RGB HV module: R9854440 FLM/SLM adaptor plate: R9854490 FLM carry handle: R9854530 FLM flight case: R9854510

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