

FLM HD20

20,000 lumens, 1080p HD three-chip DLP projector



Barco's FLM HD20 is an ultra-bright, durable projector with full HD picture-in-picture capabilities. It is a perfect fit for any large venue that requires extra brightness to show clear, crisp images in a luminous environment.

Powerful projection for large venues

The FLM HD20's 20,000 lumens light output means that it will be able to display widescreen, high-contrast images of superior quality even in venues with lots of ambient light. Through its superior video processing and picture-in-picture capabilities, you can render your presentations interactive and energizing without having to buy extra peripherals.

Most silent projector in its class

In its class, Barco's FLM HD20 offers some of the lowest noise levels known, thanks to its liquid cooling, which makes it a silent, unobtrusive ally for your venue. The FLM further features a sealed optical engine that prevents dust, smoke or other environmental contamination to its image quality. These features render it an optimal choice for anyone that is looking for the most reliable visualization available.

BARCO

Visibly yours

Technical specifications

Projector type	Full HD three-chip DLP digital projector
Technology	0.95" DMD™ x3
Resolution	1920x1080
Brightness	20,000 center lumens 19,000 ANSI lumens
Contrast ratio	2,100:1 2,700:1 (high contrast mode)
Brightness uniformity	90%
Aspect ratio	16:9
ScenergiX	Horizontal and vertical edge blending
Lens type	TLD+
Lenses	TLD+ 0.73:1 1.2:1 1.25-1.6:1 1.5-2.0:1 2.0-2.8:1 2.8-4.5:1 4.5-7.5:1 7.5-11.5:1
Optical lens shift	Vertical: -10% to +110% Horizontal: -50% to +50% (on zoom lenses)
Color correction	P7
Lamps	3kW xenon
Lamp lifetime	1,000 hours
Transport with lamp	Yes
Lamp house, quick replace	Yes
Customer bulb replace	Yes
Lamp warranty (field replace/ factory replace)	90 days, 500 hours / pro rata 750 hours
Sealed DLP™ core	Standard
Optical dowser	Standard
Picture-in-picture	Two sources simultaneously
Orientation	table - ceiling - side (portrait) - vertical
DMX 512	Optional
WARP	Preset values + custom
integrated web server	N/A
CLO (constant light output)	Standard
3D ready (optional)	Passive Infitec
Inputs	DVI(HDCP); 5-BNC RGBHV (RGBS/RGsB, YUV CS/SOY, Composite video, S-Video); SDI/HDSDI
Optional Inputs	DVI(HDCP); 5-BNC RGBHV (RGBS/RGsB, YUV CS/SOY, Composite video, S-Video); SDI/HDSDI
max. pixel clock	165 MHz
Input Resolutions	From NTSC up to UXGA (1600x1200) incl. HD (1920x1080)
Software tools	Projector Toolset
Control	XLR wired + IR, RS232
Network connection	10/100 base-T, RJ-45 connection
Power Requirements	220-240V / 50-60Hz
Max Power Consumption	3700W
Noise level (typical at 25°C/77°F)"	58dB(A)

Operational ambient temperature	0-40°C / 32°-104°F
Operational humidity	0-80% (non condens)
Dissipation BTU	max 12,625 BTU/h
Dimensions (WxLxH)	707 x 1025 x 548mm 27.83 x 40.35 x 21.57 inches
Weight	99kg (218.25lbs)
Shipping Dimensions	(LxWxH) 1200 x 980 x 760 mm 47.24 x 38.58 x 29.92 inches
Shipping Weight from Factory	151kg (333lbs)
Accessories	Power cord, wireless/XLR wired rugged remote control
Certifications	Compliant with UL1950 and EN60950 complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A, RoHS
Warranty	2 years