

FLM R20+



Most silent compact 20k lumens projector

Unprecedented presentation power for large venues, auditoriums and conference halls

Barco's FLM R20+ projector includes a high reliable, high contrast 3-chip DLP® engine, offering 20,000 center lumens with a high contrast ratio of up to 2,400:1 at true native SXGA+ resolution.

Exceptional video and data performance

- Advanced 10-bit processing and low video delay
- Seamless source switching
- Wide range of analog and digital inputs with auto-detection of input sources
- Black level and white level adjustment for analogue and digital inputs

Impressive multi-screen flexibility

- Built-in ScenergiX software and user-friendly graphical user interface for fast and easy edge-blending and accurate color adjustments when using multiple projectors
- Stacking and rigging features standard incorporated.



*Sealed engine for dust free operation
Easy serviceable lamp house*

BARCO

Visibly yours

FLM R20+ specifications

Light output ⁽¹⁾	18,000 ANSI lumens • 20,000 center lumens
Native resolution	1,400 x 1,050 pixels
Contrast ratio ⁽²⁾	1,800:1 (full field)
High Contrast Mode ^{(3) (4)}	2,400:1 (full field)
Lamp	3kW Xenon
Warranty universal lamphouse	750 Hrs
Max. ambient temperature	40°C (104°F)
Power consumption	3.6kW
Mains voltage	200 - 240 V
Weight	99 kg (220 lbs)
Dimensions (W x L x H)	707 x 1025 x 548 mm (27.8 x 40.3 x 21.5 inch) incl. carrying handle + rigging points
Noise level at 40°C	56 dBA
FEATURES	
ScenergiX	standard horizontal & vertical electronic edge blending
Network connectivity	10/100 base-T
Advanced picture in picture	2 sources simultaneous
Seamless source switching	standard, with transition effects
INPUTS	
Input source compatibility ⁽⁵⁾	maximum input resolution: 2,048 x 1,536 pixels
Standard inputs	configurable 5 cable (BNC) • DVI • (HD)SDI (+ loop through)
ORDER INFORMATION	
Projector	R9004430
Spare lamp (universal lamp house)	R9854420
LENSES	
<i>throw ratio on FLM R20+</i>	
Fixed focal lenses	TLD HB 0.8 0.75 R9842040
	TLD+ HB 1.2 1.23 R9840775
Zoom lenses	TLD HB 1.6 - 2.0 1.45 - 1.85 R9842060
	TLD HB 2.0 - 2.8 1.85 - 2.55 R9842080
	TLD HB 2.8 - 5.0 2.55 - 4.55 R9842100
	TLD HB 5.0 - 8.0 4.55 - 7.3 R9842120
Dust filters (6-pack spare kit)	R9854470
RGB HV module	R9854440
FLM/SLM adaptor plate	R9854490
FLM rigging kit	R9854500
FLM flight case	R9854510

⁽¹⁾ Measured with TLD 1.2:1 lens, on axis at 220 V

⁽²⁾ Full white / full black on full field

⁽³⁾ High Contrast Mode setting reduces light output to about 75% of the max. light output

⁽⁴⁾ Contrast ratio up to 2,000:1 when using TLD lenses (High Contrast Mode)

⁽⁵⁾ all current video sources in composite, S-VHS, RGB or component or Serial Digital format
all current proposed HDTV, extended and improved television standards (1080i, 720p, ...)
computer and workstations with a resolution up to 1,600 x 1,200
most Macintosh computers
direct digital interfacing with current and future digital standards



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The information and data given are typical for the equipment described.
However any individual item is subject to change without any notice.
The latest version of this product sheet can be found on www.barco.com

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