

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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