

FLM R20+

Ultra quiet, compact 20k lumens projector



Barco's FLM R20+ is the **quietest 20,000 lumens projector** on the market today. Not only is it extremely bright and very compact but the FLM projector is designed to be the perfect solution for **rental & staging applications** in large events and venues.

The FLM boasts **fully sealed optics** and impressive lamp maintenance ensuring an overall **lower cost of ownership**. Moreover, we introduce a new High Definition, High Brightness **lens range**, the TLD+HD lenses, resulting in an even better image quality. This new range can be re-used on the industry leading Barco RLM and SLM projector series as well. Furthermore, you will enjoy exceptional video performance thanks to advanced **10 bit processing**.

Its exceptional brightness and near silent operation make it perfect for that special occasion where quality and high brightness cannot be compromised.

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Technische Daten

Lichtstrom	20,000 center lumens 18,000 ANSI lumens
Auflösung	1400 x 1050 (native)
Helligkeitsgleichförmigkeit	> 90% for the total screen
Kontrast	1800 : 1 (full field) High contrast mode: 2400 : 1 (full field)
Display	3 Chip DLP SXGA+ (resolution of 1400 x 1050 pixels (aspect ratio 4:3)).
Konvergenz	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 measure with TLD 1.2 lens on axis.
Merkmale	<ul style="list-style-type: none"> • Picture in picture • Seamless switching with effects • Standard light shutter • Rigging point • Carrying handle • High contrast mode • P7 color processing • internal warp module
Bild-im-Bild	2 sources simultaneous
Eingänge	<ul style="list-style-type: none"> • Configurable 5 cable (BNC) • DVI • (HD)SDI (+ loop through) • DVI - HDCP
Ausgänge	HDSDI/ SDI loop out
Kommunikation	<ul style="list-style-type: none"> • 1x RS-232C IN (D-9 connector) • 1x RS-232C OUT (D-9 connector) • 1x RS-232C IN (XLR connector) • 2x prop. protocol (RJ45 connector) • xlr and mini-jack for wired remote control
Kompatibilität	<ul style="list-style-type: none"> • All current video sources (PAL, SECAM, NTSC) in Composite, S-VHS, Component or RGB formats • All current HDTV sources • All computer graphics formats from VGA, SVGA, XGA, SXGA, full HD, UXGA to QXGA • Most Macintosh computers • Electronic workstations with a resolution up to QXGA (2048 x 1536 pixels at 60 Hz) • Most computer sources with a pixel clock up to 300 MHz • DVI sources up to DC2K (2048x1080)
Eingangsquellenkompatibilität	Max. input: up to QXGA (2048 x 1536)
Bildgröße	From 1-12m / 3-39ft.recomended
Frequenzen	Pixel clock >162Mhz (QXGA 60hz)
Netzwerk-Verbindung	10/100 base-T
Onboard-Display-Server	Ethernet control standard remote control projector over ethernet via Projector Toolset
Umgebungstemperatur	Max 40°C (104°F)
Lampe	3.1 kW Xenon Warranty universal lamphouse: 750 Hrs
Lens Shift	Vertical: -10% to +110% Horizontal: -50% to +50% (small differences occur per lens type) (short throw lenses have less shift)
Objektiv-Encoder	On zoom and focus (with TLD lenses)
ScenergiX	Standard horizontal and vertical electronic edge blending
Gekapseltes optisches System	Standard
Staubfilter	Dense, high quality microfilters available as spare kit, in a 6-pack & 24-pack

Geräuschpegel	56 dBA (at 40°C)
Netzspannung	200 - 240 V
Leistungsaufnahme	3300 W (with universal lamp)
Wärmeabgabe	max 11953BTU/h
Gewicht	99 kg (220 lbs)
Abmessungen	WxLxH 707 x 1025 x 548 mm (27.8 x 40.3 x 21.5 inch) incl. carrying handle + rigging points
Verpackungs-Abmessungen	Width: 92 cm Height: 95 cm Depth: 123 cm Floor Space: 1,1316 m ² Volume: 1,075020 m ³ Gross Weight: 161 kg
Sicherheitsstandards	Compliant with UL1950 and EN60950
Elektromagnetische Interferenz	Complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A
Bestell-Information	Projector: R9004430 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

Generiert am: Saturday, May 26, 2012
Die angegebenen Informationen und Daten sind typisch für das beschriebene Gerät.
Jede Spezifikation kann sich aber ohne vorherige Ankündigung ändern.
Die aktuelle Version dieser Broschüre finden Sie unter www.barco.com.

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