

RLM-W8

8,000 lumens, three-chip DLP WUXGA projector



Barco's RLM-W8 brings the saturated colors of three-chip DLP™ projection to events and fixed installations, at the price of single-chip DLP™ technology.

With an enhanced contrast, quick and creative stacking options as well as built-in warping capabilities for curved surfaces, Barco's RLM-W8 is a versatile choice for mid- to large-sized venues. In addition, it features blending technology to create seamless composite images across a canvas of any size. The RLM-W8 continues the RLM line's tradition of silence as well as low energy consumption.

BARCO

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Technical specifications

Projector type	WUXGA three-chip DLP digital projector
Technology	0.67" DMD™ x3
Resolution	1920x1200
Brightness	8,000 center lumens 7,300 ANSI lumens
Contrast ratio	2,200:1 (standard) 3,000:1 (CE)
Brightness uniformity	95%
Aspect Ratio	16:10
ScenergiX	Horizontal and vertical edge blending
Lens type	RLDW
Lenses	CLD (fix) 0.77:1 1.16:1 (zoom) 1.45-1.74 1.74-2.17 2.17-2.9 2.9-4.34 4.34-6.76
Optical lens shift	Vertical: 0% to +100% Horizontal: -30% to +30% on zoom lenses
Color correction	P7
Lamps	2x330W
Lamp lifetime	1500 hours (typical) 2000 hours (maximum)
Transport with lamp	Yes
Lamp house, quick replace	Yes, auto lamp select
Customer bulb replace	N/A
Lamp warranty (field replace/ factory replace)	120 days, 500 hours
Sealed DLP™ core	Standard
Optical dowsers (dimmer)	N/A
Picture-in-picture	Two sources simultaneously
Orientation	Table/ceiling
DMX 512	External
WARP	Preset and customized values
SDI	SDI/HDSDI/3G
integrated web server	Yes
CLO (constant light output)	Optional
3D ready (optional)	Passive, circular polarized
Digital video	HDMI (HDCP 1.3) / HDSDI 3G
Analog video	1x5 BNC (RGBHV, RGBS/RGBsB), YUV, Composite video, S-video, VGA
max. pixel clock	165 MHz
Input Resolutions	From NTSC up to UXGA (1600x1200), including full HD (1920x1080)
Optional Inputs	N/A
Software tools	Projector Toolset

Control	Minijack + IR, RS232, 12v trigger
Network connection	10/100 base-T, RJ-45 connection
Power Requirements	90-240V / 50-60Hz
Max Power Consumption	800W STBY <2W
Noise level (typical at 25°C/77°F)"	39dB(A)
Operational ambient temperature	0-40°C / 32°-104°F
Operational humidity	0-80% (non condens)
Dissipation BTU	max 2900 BTU/h
Dimensions (WxLxH)	669,74 x 516,7 x 247mm 26.36 x 20.34 x 9.72 inches
Weight	26kg (57.3lbs)
Shipping Dimensions	(LxWxH) 820 x 660 x 380mm 32,28 x 25,98 x 14,96 inches
Shipping Weight from Factory	30kg (66.1lbs)
Accessories	Power cord, wireless remote control
Certifications	Compliant with FCC rules and regulations, part 15 Class A and CE EN55022 Class A, CE, TUV, RoHS, WEEE
Warranty	2 year standard, 3rd year optional