

# RLM-W12

11,500 lumens, WUXGA, 3-chip DLP projector



- Standard active 3D
- Low power consumption
- BarcoLink for fast signal distribution

This product is still available in China.

Thanks to its standard active 3D capabilities, low noise level and high light output, the cost-effective RLM-W12 is a perfect fit for fixed installation in conference auditoriums, lecture halls and infotainment applications. Geared with an optional ceiling mount or stacking frame, the RLM-W12 can also be used for events. What's more, the RLM-W12 is equipped with TLD lenses, making it fully compatible with Barco's HDF, HDX and FLM projector families.

### Flawless image quality

Thanks to its 3-chip DLP image quality, the RLM generates crisp images with a better color saturation, more stability and richer contrast. Its WUXGA (1920x1200) resolution makes sure you see all important details at once.

### The most silent

Barco's RLM projectors are the most silent projectors in their range. They remove the strain of working under a constant drone of projection equipment, and make the only noticeable thing about it its image quality.

### Low power consumption

The RLM consumes less power than comparable projectors. Today, as energy conservation is an important consideration, the RLM benefits both your energy bill and the environment.

### Fast signal distribution

Our proprietary BarcoLink technology guarantees swift signal distribution between Barco's projectors and image processors. With BarcoLink, signals are distributed over a BNC coax cable, which is not only more durable but also enables you to lower



your costs.

- 11,500 lumens light output
- 3-chip DLP technology
- Super silent projector
- Low power consumption
- WUXGA resolution
- Standard active 3D
- Better color stability & saturation
- Perfect for fixed installations
- Rental frame available
- Wide range of TLD lenses, compatible with HDX & FLM projectors
- Control over IP

**PRODUCT SPECIFICATIONS****RLM-W12**

Projector type	WUXGA 3-chip DLP digital projector
Technology	0.96" DMD™ x3
Resolution	1,920 x 1,200
Brightness	11,500 center lumens / 10,500 ANSI lumens*
Contrast ratio	1,600:1 (standard) / 2,400:1 (CE)
Brightness uniformity	90%
Aspect ratio	16:10
ScenergiX	Horizontal and vertical edge blending
Lens type	TLD+
Lenses	(fix) 0.73:1 ; 1.2:1 ; (zoom) 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: -70% to +120% / Horizontal: -30% to +30% on zoom lenses
Color correction	P7
Lamps	2x400W
Lamp lifetime	1,500 hours (typical) / 2,000 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 dowser	Standard
Picture-in-picture	Up to two sources simultaneously
Orientation	table -ceiling
WARP	preset values + custom
Integrated web server	Yes
3D	Passive circular polarized (optional), active eyewear on Dual link DVI 120 Hz (standard)
Inputs	2 x HDMI (HDCP 1,3); 5-BNC (RGBHV, RGBS/RGBsB;YUV); VGA (RGBHV, RGBS/RGBsB; YUV); cinch (RGBs, YUV); Composite video; S-Video; HSDI/3G HSDSI/SDI 3D dual link DVI/BarcoLink; 3D sync in/out BNC
Optional Inputs	N/A

**PRODUCT SPECIFICATIONS****RLM-W12**

Input resolutions	From NTSC up to UXGA (1,600 x 1,200), including HDTV (1,920 x 1,200)
Max. pixel clock	165 MHz
Software tools	Projector Toolset
Control	Mini-jack + IR, RS232, 12v trigger
Network connection	10/100 base-T, RJ-45 connection
Power requirements	90-240V / 50-60Hz
Max. power consumption	1000W / Standby mode:
Noise level (typical at 25°C/77°F)	43dB(A)
Operational ambient temperature	0-40°C / 32°-104°F
Operational humidity	0-80% (non condens)
Dissipation BTU	max 3412 BTU/h
Dimensions (WxLxH)	500 x 631 x 270mm / 19.69 x 24.84 x 10.63 inches
Weight	32kg (70.54 lbs)
Shipping Dimensions	(LxWxH) 830 x 669 x 448mm / 32,67 x 26,33 x 17,63 inches
Shipping Weight from Factory	32kg (70.54 lbs)
Standard accessories	Power cord, wireless remote control, HDMI to DVI adaptor
Certifications	Compliant with FCC rules and regulations, part 15 Class A and CE EN55022 Class A, CE, TUV, RoHS, WEEE
Warranty	3 years standard, 4th or 5th year optional
*	+/-10%

Last updated: 24 Feb 2021

Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.