

# RLM-W12

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



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.

**BARCO**

Visibly yours

**Product specifications****RLM-W12**

<b>Projector type</b>	WUXGA 3-chip DLP digital projector
<b>Technology</b>	0.96" DMD™ x3
<b>Resolution</b>	1,920 x 1,200
<b>Brightness</b>	11,500 center lumens / 10,500 ANSI lumens
<b>Contrast ratio</b>	1,600:1 (standard) / 2,400:1 (CE)
<b>Brightness uniformity</b>	90%
<b>Aspect Ratio</b>	16:10
<b>ScenergiX</b>	Horizontal and vertical edge blending
<b>Lens type</b>	TLD+
<b>Lenses</b>	(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
<b>Optical lens shift</b>	Vertical: 0% to +110% / Horizontal: -30% to +30% on zoom lenses
<b>Color correction</b>	P7
<b>Lamps</b>	2x400W
<b>Lamp lifetime</b>	1,500 hours (typical) / 2,000 hours (maximum)
<b>Transport with lamp</b>	Yes
<b>Lamp house, quick replace</b>	Yes, auto lamp select
<b>Customer bulb replace</b>	N/A
<b>Lamp warranty (field replace/ factory replace)</b>	120 days, 500 hours
<b>Sealed DLP™ core</b>	Standard
<b>Optical dowsers</b>	Standard
<b>Picture-in-picture</b>	Up to two sources simultaneously
<b>Orientation</b>	table - ceiling
<b>WARP</b>	preset values + custom
<b>Integrated web server</b>	Yes
<b>3D</b>	Passive circular polarized (optional), active eyewear on Dual link DVI 120 Hz (standard)
<b>Inputs</b>	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
<b>Optional Inputs</b>	N/A
<b>Input Resolutions</b>	From NTSC up to UXGA (1,600 x 1,200), including HDTV (1,920 x 1,200)
<b>Max. pixel clock</b>	165 MHz
<b>Software tools</b>	Projector Toolset
<b>Control</b>	Mini-jack + IR, RS232, 12v trigger
<b>Network connection</b>	10/100 base-T, RJ-45 connection
<b>Power requirements</b>	90-240V / 50-60Hz
<b>Max. power consumption</b>	1000W / Standby mode:
<b>Noise level (typical at 25°C/77°F)</b>	43dB(A)
<b>Operational ambient temperature</b>	0-40°C / 32°-104°F
<b>Operational humidity</b>	0-80% (non condens)
<b>Dissipation BTU</b>	max 3412 BTU/h
<b>Dimensions (WxLxH)</b>	500 x 631 x 270mm / 19.69 x 24.84 x 10.63 inches
<b>Weight</b>	32kg (70.54 lbs)
<b>Shipping Dimensions</b>	(LxWxH) 830 x 669 x 448mm / 32,67 x 26,33 x 17,63 inches
<b>Shipping Weight from Factory</b>	32kg (70.54 lbs)
<b>Standard accessories</b>	Power cord, wireless remote control, HDMI to DVI adaptor

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**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