

BRIGHT WIDESCREEN PROJECTION

W345



SUPERIOR WXGA PERFORMANCE



Luminous WXGA Projection with 3300 lumens and 22000:1 contrast ratio



Extensive I/O support with HDMI, VGA-In, VGA-Out, Composite Video, Audio-In, and USB Power



sRGB display profile dazzles with REC.709b color accuracy



Wall Color Adjustment adjusts the gamma output to match the color of the projection surface



Hide jagged and soft edges with Edge Mask



10000-hour lamp life enables low cost of ownership



The Optoma W345 is the perfect WXGA projector for classrooms, small businesses, and training labs. With 3300 lumens and a 22000:1 contrast ratio, the W345 produces sharp image with rich color and superior blacks. Both PC and Mac users can utilize the sRGB color space profile to enable rich accurate color derived from the primaries of REC.709b HDTV specification.

Wall Color Adjustment utilizes various gamma profiles to improve brightness on projection surfaces of varying colors while Edge Mask provides a smooth, consistent image by eliminating both the soft and jagged edges often present from low quality light sources.

The W345 enhances any presentation with fantastic detail, vibrant colors, and clear, readable text. A robust arsenal of inputs and powerful zoom feature makes the W345 ideal for installation in education and small business environments while the 10000-hour lamp life provides years of use before any kind of maintenance is required.

CONNECTIVITY (May require optional accessories)



Computers



Smart Phones



Tablets



3D Blu-ray/DVD Players



Camcorders



Apple TV*



Chromecast™

BRIGHT WIDESCREEN PROJECTION— W345

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Single 0.65" DC3 DMD DLP® Technology by Texas Instruments™
Native Resolution	1280x800 WXGA
Maximum Video Resolution	1600x1200 UXGA
Maximum Graphics Resolution	WUXGA 1920x1200
Brightness	3300 lumens
Contrast Ratio	22000:1
Displayable Colors	1.07 Billion
Lamp Life and Type*	10000/8000/7000/6000/5000 - EDU/ECO+/ Dynamic/ECO/Bright
Projection Method	Front, rear, ceiling mount, table top
Keystone Correction	±40° Vertical
Uniformity	80%
Offset	115%±5%
Aspect Ratio	16:10 (native), 4:3, auto, 16:9, LBX
Throw Ratio	1.18 - 1.54
Projection Distance	3.93'-25.2' (1.2- 7.7 m)
Image Size	36.1" - 301.1"
Projection Lens	F=2.5~ 2.78, f=16.91 ~ 21.60 mm manual focus
Optical Zoom	1.3x
Digital Zoom	0.8 - 2.0
Audio	2W Mono Speaker
Noise Level	29dB
Remote Control	Full Function Remote
Operating Room Temperature	41–104°F (5–40°C), 85% max humidity
Power Supply	AC input 100–240V, 50–60Hz, auto-switching
Power Consumption	239W Typical (Bright mode), 263W Max (Bright mode), 197W Typical (Eco mode), 217W Max (Eco mode) (TBC)
High Altitude	Operating Temp @ Sea Level to 10000 feet = 23C (max); must manually switch to high altitude mode @ 5000 feet & above (using OSD)

COMPATIBILITY SPECIFICATIONS

Computer Compatibility	WUXGA, UXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA resized, VESA, PC and Mac
Video Input Compatibility	NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
3D Compatibility†	Supports all HDMI 1.4a mandatory 3D formats (Frame pack, side-by-side, top-bottom) and up converts frame rate from 60Hz to 120Hz or 24Hz to 144Hz (i.e. 60 or 72 frames per eye). 3D glasses are needed and are sold separately. Refer to user manual for details.
Vertical Scan Rate	24–85Hz, 120Hz
Horizontal Scan Rate	15.375–91.146KHz
User Controls	Complete on-screen menu adjustment in 26 languages
IO Connection Ports	HDMI 1.4v, VGA-In, VGA-Out, Composite Video, Audio-In (3.5mm), Audio-Out (3.5mm), USB Power, RS232C
Loop Through (Audio)	Yes

PHYSICAL SPECIFICATIONS

Security	Kensington® lock port, security bar, keypad lock
Weight	5.29 lbs.
Dimensions (W x H x D)	11.73" x 3.79" x 9.05"



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|-----------------|------------------|--------------|
| 1. HDMI | 4. VGA-out/YPbPr | 7. Audio In |
| 2. USB | 5. RS-232C | 8. Audio Out |
| 3. VGA-in/YPbPr | 6. Video | 9. Power |



Warranty

3-Year Optoma Express Service, 1-Year on Lamp

In the Box (Standard Accessories)

W345 projector, AC power cord, VGA to VGA cable, remote control, carrying case, batteries for remote, multilingual CD-ROM user's manual, quick start card, and warranty card

Optional Accessories

Universal ceiling mount, DLP@Link™ 3D glasses, Wireless HDMI system, Lamp, Remote, Wireless Streaming Stick

Accessory Part Numbers

Lamp: BL-FU195A	Remote: BR5053C
DLP@ Link™ 3D glasses: ZD302	Wireless HDMI system: WHD200
Universal ceiling mount: OCM818B-RU	Universal ceiling mount: BM-5001U
Universal ceiling mount (with extensional pole): OCM815B	
Wireless Streaming Stick: HDCastPro-Black	

UPC 796435 44 019 0

*Lamp life is dependent on many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness can decrease over time.

†3D content can be viewed with DLP® Link active shutter glasses when projector is used with a compatible 3D player. Please visit www.OptomaUSA.com for more information.

www.OptomaUSA.com

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