







# Incredible HDR Home Entertainment Projection

## HD27HDR



### Enhanced 1080p projection with outstanding color and contrast



-  Incredible 1080p HDR images with 3,400 lumens
-  HDMI 2.0 with HDCP 2.2 connectivity for 4K HDR input sources
-  HDR10 compatibility for gorgeous colors
-  Enhanced HDR Gaming Mode with 16 ms input response time
-  Up to 15,000-hour lamp life
-  Immersive Full 3D 1080p



1080P

Full 3D



Embrace HDR technology and large screen experiences with the 3,400 lumen HD27HDR 1080p home entertainment projector. Its HDMI 2.0 with HDCP 2.2 input and 50,000:1 contrast ratio accept HDR10 content for brighter whites and deeper black levels with vivid colors and an unmatched 1080p viewing experience.

An enhanced Gaming Mode, compatible with 1080p HDR sources, reduces input lag to 16ms for lightning-fast response when connected to the latest HDR-ready gaming consoles and PCs. Full 3D 1080p support enables immersive cinematic experiences in movies and games.

Vertical keystone and a 1.1x zoom allow for flexible mounting and installation. Up to 15,000 hours of lamp life ensures long-term reliability for years of entertainment with minimal maintenance.

**CONNECTIVITY** (May require optional accessories)

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## Enhanced 1080p projection with outstanding color and contrast - HD27HDR

### OPTICAL/TECHNICAL SPECIFICATIONS

<b>Display Technology</b>	Texas Instruments 0.65" 1080p DMD
<b>Color Wheel</b>	6 segment RYGCWB
<b>Native Resolution</b>	1080p (1920 x 1080)
<b>Maximum Resolution</b>	4K UHD (3840 x 2160)
<b>Brightness</b>	3,400 ANSI lumens
<b>Contrast Ratio</b>	50,000:1
<b>Displayable Colors</b>	1.07 billion
<b>Lamp Life*</b>	15,000/10,000/6,000 (Dynamic/ECO/Bright)
<b>Light Source Type*</b>	203W lamp
<b>Projection Method</b>	Front, rear, ceiling mount, table top
<b>Keystone Correction</b>	± 40° vertical
<b>Uniformity</b>	80%
<b>Offset</b>	116%±5%
<b>Aspect Ratio</b>	16:9 (native), 4:3, 16:10 and LBX compatible
<b>Throw Ratio</b>	1.48 - 1.62
<b>Projection Distance</b>	3.2' - 35.91' (without zoom)
<b>Image Size</b>	28" - 305.3"
<b>Projection Lens</b>	F=2.5 - 2.67, f=21.86 ~ 24mm (manual focus)
<b>Optical Zoom</b>	1.1x
<b>Audio</b>	10W speaker
<b>Noise Level</b>	26dB
<b>Remote Control</b>	Full size remote
<b>Operating Temperature</b>	41-104°F (5-40°C), 85% max humidity
<b>Power Supply</b>	AC input 100 - 240V, 50 - 60 Hz, auto-switching
<b>Power Consumption</b>	236W typical, 260W max (Bright mode), 216W typical, 216W max (Eco mode)
<b>High Altitude</b>	Operating temp @ sea level up to 10000 feet = 41°F (max); must manually switch to high altitude mode @ 5,000 feet & above (using OSD)

### COMPATIBILITY SPECIFICATIONS

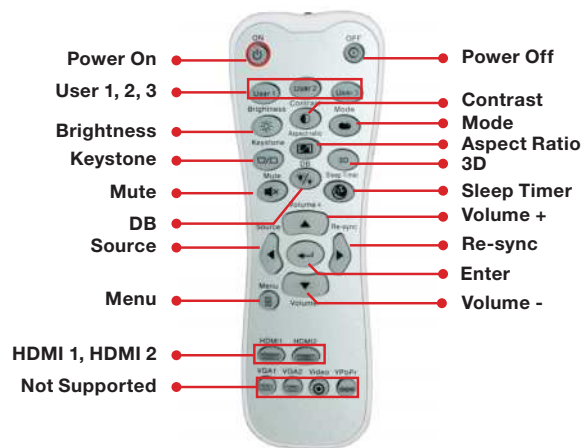
<b>Computer Compatibility</b>	UHD, FHD, HD, WXGA, UXGA, SXGA, XGA, SVGA, VGA, Mac
<b>Video Input Compatibility</b>	PAL (B, D, G, H, I, M, N, 576i/p), NTSC (M, 4.43/3.58 MHz, 480i/p), SECAM (B, D, G, K, K1, L) HD (1080i, 720p), 4K UHD
<b>3D Compatibility†</b>	Side-by-side: 1080i50 / 60, 720p50 / 60 Frame-pack: WUXGA24, 720p50 / 60 Over-under: WUXGA24, 720p50 / 60
<b>Vertical Scan Rate</b>	24 - 120Hz
<b>Horizontal Scan Rate</b>	31 - 135Hz (120Hz for 3D)
<b>User Controls</b>	Complete on-screen menu adjustment in 27 languages
<b>I/O Connection Ports</b>	1 x HDMI (2.0 with HDCP 2.2), 1 x HDMI (1.4a), audio-out, 3D Sync port, USB power
<b>Loop Through (Audio)</b>	Yes

### PHYSICAL SPECIFICATIONS

<b>Security</b>	Security bar, Kensington© lock, password protection
<b>Weight</b>	6.2 lbs.
<b>Dimensions (W x H x D)</b>	12.44" x 4.27" x 9.7"



- 1. HDMI1-In (1.4a)
- 2. HDMI2-In (2.0)
- 3. USB power
- 4. 3D Sync
- 5. Audio-Out
- 6. AC Power
- 7. Kensington™ Lock



- Power On
- User 1, 2, 3
- Brightness
- Keystone
- Mute
- DB
- Source
- Menu
- HDMI 1, HDMI 2
- Not Supported
- Power Off
- Contrast
- Mode
- Aspect Ratio
- 3D
- Sleep Timer
- Volume +
- Re-sync
- Enter
- Volume -

#### Warranty

1 year limited warranty, 90 days on lamp

#### What's in the Box

HD27HDR projector, AC power cord, remote control, batteries for remote, quick start card and warranty card

#### Optional Accessories

Universal ceiling mount, DLP@Link™ 3D glasses, lamp, remote

#### Accessory Part Numbers

Lamp: BL-FU200E  
Remote: BR-3003B  
DLP@ Link™ 3D glasses: ZD302  
Ceiling mount: OCM818B-RU  
Ceiling mount: BM-5001U  
Ceiling mount (with extensional pole): OCM815B

UPC 796435 81 314 7

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\*Light source life is dependent upon many factors, including brightness mode, display mode, usage, environmental conditions and more. Light source brightness can decrease over time.

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

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