

## HD8000-LV – Home Theater Projector

### Professional Grade 1080p Cinema Comes Home

The Optoma HD8000-LV is a true 1080p DLP® home theater projector that produces better brightness and vibrant colors to the projected picture. With studio-grade resolution and unique color processing technologies, the HD8000-LV delivers an amazing 10,000:1 contrast ratio and impressive color saturation for an excellent image.

### Features

- 1080p DMD DLP chipset from Texas Instruments
- Native 1080 (1920 x 1080) resolution
- 2200 lumens and 10,000:1 contrast ratio with ImageAI-II™
- 10-bit color per channel processing and 6-segment color wheel delivers deeper color saturation

### Specifications

**Display Technology**  
Single 0.95" 1080p DMD DLP  
Technology by Texas Instruments

**Brightness**  
2200 ANSI Lumens

**Resolution**  
Native 1080p (1920 x 1080)

**Contrast Ratio**  
10,000:1 (Max)

**Image Processing**  
Motion Adaptive 480i, 576i and  
1080i De-Interlacing, Advanced  
3D Comb Filter, Advanced Noise  
Reduction and Sharpening

**Advanced Scalar Function**  
10-Step Gamma, User Definable  
Mode for Different Input and  
Resolution

**Iris Control**  
17 Step Iris System

**Lamp Life and Type**  
3000 Hours, 300W UHP

**Throw Ratio (Distance/Width)**  
1.85-2.22:1 w/o Anamorphic Lens  
1.38-1.66:1 w/Anamorphic Lens

**Image Size**  
30" to 300" (0.8 to 7.6 m)

**Projection Distance**  
4.92' to 32.8' (1.5 to 10 m)

**Aspect Ratio**  
Native 16:9, Fully Automatic 2.35:1  
w/Anamorphic Lens

**Offset**  
136%

**Keystone Correction**  
±5° Vertical

**Displayable Colors**  
1.07 Billion

**Uniformity**  
80%

**Computer Compatibility**  
UXGA, SXGA+, WXGA, SXGA,  
XGA, SVGA, VGA, VESA, PC  
and Macintosh Compatible

**Video Compatibility**  
Full NTSC, PAL, SECAM, True  
HDTV (720p, 1080i/p), 480i/p,  
576i/p

**Projection Lens**  
F=2.6-2.82; f=39.12-46.94mm,  
1.2x Manual Zoom and Focus

**I/O Connection Ports**  
Two HDMI v1.3, DVI w/HDCP,  
S-Video, Composite Video,  
Component Video, RS-232,  
+12V Trigger, IR Receiver

**Security**  
One Kensington® Lock Port

**Weight**  
10 lbs (4.5kg)

**Dimensions (W x H x D)**  
16" x 4.6" x 12.2"  
(406 x 117 x 310 mm)

**Noise Level**  
32dB



**Storage Temperature**  
-7 - 140°F (-20 - 60°C), 80%  
Humidity

**Operating Temperature**  
41 - 95°F (5 - 35°C), 80%  
Humidity

**Power Supply**  
AC Input 100-240V, 50-60 Hz

**Power Consumption**  
435W Full Power, 375W ECO,  
< 14W Standby Mode

**Standard Accessories**  
AC Power Cord, Component  
Video Cable, RS-232 Cable,  
Remote Control, Batteries for  
Remote, Lens Cap, User's  
Manual, Warranty Card and  
Quick Start Guide

**Optional Accessories**  
Anamorphic Lens/Sled Kit,  
External IR Module, Ceiling  
Mount and Panoview Series  
Screens

**Warranty**  
3 Years Optoma Express  
Replacement Service, 1 Year  
on Lamp

**UPC**  
796435 21 114 1

**Accessory Part Numbers**  
Lamp: BL-FS300B  
Remote: BR-3037B  
Mount: BM-2008N