

## HD80-LV – Home Theater Projector

### Ease into Native 1080p Comfort

The Optoma HD80-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 HD80-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 (1920x1080) resolution
- 2200 lumens, 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

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 11 100 7

#### Accessory Part Numbers

Lamp: BL-FS300B  
Remote: BR-3037B  
Mount: BM-2008N

