



Preliminary Product Information

Key Points:

- 3x DarkChip4 DLP chipset
- Full HD (1080p)
- SIM2 Active 3D technology
- Up to 3,000 lumens
- Up to 35,000:1 contrast ratio (with DynamicBlack)
- DynamicBlack
- 10-bit video processing
- SIM2 PureMotion3D
- 280W lamp
- DCI color reproduction (HC)
- Live Colors Calibration software

LUMIS 3D SOLO and LUMIS 3D SOLO HC



Following in the footsteps of the award-winning LUMIS 3D DUO, LUMIS 3D SOLO brings SIM2-quality 3D images to home theaters in a compact three-chip DLP chassis. 3D is an exciting addition to movie-watching enjoyment, adding an extra dimension to the whole experience. The LUMIS SOLO 3D is able to emulate the best 3D cinema projection systems, in terms of color fidelity, definition and depth of image. These are all conveyed accurately with the LUMIS 3D SOLO, as is the fluid motion of fast-action movies and sports, this all adds up to an incredible 3D experience at home.

The new LUMIS 3D SOLO is designed for use in Reference Home Cinemas, Media Rooms and Family/Games Rooms – in both 2D and 3D. SIM2's engineers have designed the LUMIS 3D SOLO with three user modes, each optimized for the various demands of movie, sports and 3D viewing:

1. **PureMovie.** This mode uses DynamicBlack technology to deliver images with the highest contrast ratio and deepest black level. Recommended for movie watching in 2D.
2. **PureMotion:** Fast-action sports viewing benefits from smooth motion, free from the 'smear' and 'judder' that can affect image quality.
3. **PureMotion 3D:** The demands of 3D are such that careful processing must be carried out to ensure artifact-free images are created on-screen. This mode is used when the LUMIS 3D SOLO is being used to view 3D material.

For ease of installation, a choice of three high quality glass lenses (T1, T2 & T3) is available for the LUMIS 3D SOLO, giving the projector a total throw ratio of 1.37-3.90:1. To aid calibration SIM2's Live Color Calibration software enables complete control over primary, secondary and white point color coordinates, allowing calibration experts to accurately calibrate the final image on-screen via a user-friendly PC-based interface.

LUMIS 3D SOLO has an elegant Giorgio Revoldini designed cabinet finished in SIM2's classic Gunmetal gloss. Four pairs of stylish active 3D glasses – powered by Xpand - are supplied with the projector; additional pairs can be purchased from your SIM2 dealer.

Technical Specifications		
1	Technology	Three-chip DMD 1080p
2	Resolution	1920 x 1080 pixel HDTV resolution
3	ANSI Brightness (typ.)	Up to 3000 Lumens
4	Contrast Ratio	Up to 35000:1
5	Lamp	UHP280W
6	Lamp Life	3000 hours
7	Throw Ratio	1.37~3.90:1
8	Screen Size	50" ~ 250"
9	Active 3D sync emitter	x 1
10	Lens Shift	Vertical
11	User modes	PureMovie, PureMotion, PureMotion3D
12	Aspect Ratio	16:9 (4 aspect ratio selectable)
13	Max. resolution support	up to WUXGA
14	Max. power consumption	20w per 100AL, standby <1w
15	Important Features	SIM2 Active 3D, Dynamic Black Technology, 10bit Processing, DCI filter (HC)
16	Power Consumption	Typical 430W, Standby < 1W
Input Terminals		
1	Computer (D-sub 15 pin)	x 1
2	HDMI 1.4	x 2
3	Video RCA	1
4	S-video (Mini DIN 4 pin)	1
5	Component (RCA)	1
Output Terminals		
1	12v output	3
Control Terminals		
1	RS232	1
2	USB (mini B type)	x1 (for service only)
Mechanical Specification		
1	IR sensor	Front & Rear
2	Weight	24.3lbs
3	Dimension (L x W x H)	18 x 17.9 x 8.3 inches
4	Acoustic Noise	25dB
5	Housing material	ABS
6	Color	Gunmetal gloss
Packing and Accessory		
1	Remote	X1
2	Active 3D glasses – powered by Xpand	X4
3	User's Manual CD	x1
4	Universal Quick Start Guide	x1