The Grand Cinema™ LUMIS 3D PF projector achieves extraordinary picture quality through the partnership of the latest 0.95” 1080p DC4 DLP® chipset from Texas Instruments, the precision optics of SIM2’s ALPHAPATH™ light engine, and 3D Triple Flash technology (144 Hz) for a smoother, natural, and fatigue-free 3D viewing experience. LUMIS 3D PF delivers greater light output than its predecessor, thanks to the option of high brightness lenses - High Brightness (HB) or Extended Contrast (EC). No other projector technology can match the superb color depth, excellent contrast ratio (up to 30,000:1 with Dynamic Black™ in 2D mode) and exceptional brightness (3500 ANSI Lumens in 2D mode and HB lens type) that the LUMIS 3D PF is able to deliver. Fine adjustments for all image parameters are available on this projector. The improved optical light engine now includes Perfect Fit, a fully-programmable zoom, focus and lens shift feature which enables a lens-free option to create 2.40:1 images. Also, to aid calibration, the Grand Cinema™ LUMIS 3D PF features SIM2’s advanced Live Colors Calibration 2 software that enables complete adjustment of the primary, secondary and white point color coordinates of the projector. The ability to visualize extraordinary 3D images that totally involve the viewer in the movie experience, makes the Grand Cinema™ LUMIS 3D PF a unique product.

**DISPLAY**

Technology: 3 x 0.95” DC4 DMDs  
Resolution: Full-HD - 1920 x 1080 pixels  
Light source: 280W UHP lamp (dimmable to 230 W)  
3D features and TripleFlash technology (144 Hz)  
SIM2’s PureAction 2D/3D & PureMovie 2D technology  
SIM2 DynamicBlack™ Technology enhanced solution  
Contrast ratio (Full ON/OFF): >30,000:1 with DynamicBlack™ technology (2D mode)  
Brightness (1) (in 2D mode): up to 3,500 ANSI Lumen with HB lens type; up to 3,000 ANSI Lumen with EC lens type

**INSTALLATION**

Lens type: High Brightness (HB) or Extended Contrast (EC)  
Lens Options (throw ratio): 1.37-1.66:1 (type T1); 1.82-2.48:1 (type T2); 2.6-3.9:1 (type T3)  
Optical shift: Vertical up to +50%, down -10% max from screen center (based on image height)  
Digital Keystone: Vertical +/-18 degree  
Picture size (inches diagonal): 50-300  
Aspect ratio: 4:3, 16:9, Anamorphic, Letterbox, Panoramic, pixel-to-pixel, subtitle + 3 custom-user adjustments

**ELECTRONICS AND CONNECTIVITY**

Horiz. & Vertical scan freq.: 15-80 kHz/48-144 Hz  
Color System: PAL (B,G,H,J,M,N,60); SECAM; NTSC 3.58; NTSC 4.43; PC graphic standards: VGA, SVGA, XGA, SXGA, UXGA, WUXGA  
SDTV: 480i/p, 576i/p  
HDTV: 720p 50/60, 1080i 50/60, 1080p 24/50/60 + 576p

**INPUTS/OUTPUTS**

2x HDMI (v.1.4 with Deep Color)  
1x Composite Video (RCA)  
1x Graphic RGBHV (D-sub HD15 pins)  
1x Component - YCbCr/RGbs (RCA)  
1x RS-232 (D-sub 9 pins)  
1x USB (B type)  
3D Sync Out  
3x 12V 100mA output

**GENERAL SPECIFICATIONS**

Software control: upgradable via RS-232 serial interface or USB  
Power supply: 100-240 VAC +/-10% (48/62 Hz)  
Power consumption: max. 440W  
Projector weight: 24.3 lbs / 11 kg.  
Projector dimensions (WxHxD): 18.1” x 8.3” x 17.9” (459 x 210 x 455 mm)  
Projector weight: 24.3 lbs / 11 kg.  
Projector shipping weight: 41.9 lbs / 19 Kg.  
Projector packaging dimensions (WxHxD): 28” x 19.3” x 24” (710 x 490 x 610mm)

**STANDARD ACCESSORIES**

Installation and user manual, AC power cords (2m-6.6 ft); backlit remote control and batteries  
Live Colors Calibration software 2.0  
SIM2 VISUS Active Glasses (4 pcs.) and emitter

**CABINET COLOR OPTIONS**

Standard: High gloss dark gray finish (DG)  
Optional: high gloss and matte red (RD) / black (BD) / white (WD) finish

**ORDERING CODE**

LUMIS 3D PF T1  
LUMIS 3D PF T2  
LUMIS 3D PF T3

(1) ANSI Lumens specification: This is the typical projector brightness specification found in most sales literature. This measurement allows for direct comparison with other manufacturer’s projectors. Measurements are taken in a totally dark test room with brand new lamp at full power, lamp’s native white color temperature, internal test pattern (full white) and in compliance with ANSI IT7.228-1997 specification.
LUMIS 3D PF
Technical Specifications

OPTIONAL ACCESSORIES

SIM2 VISUS System 8RF Master Box Set
8 additional Active 3D RF glasses
Ordering code: SIM2 VISUS 8 Luxury

FLEX Anamorphic system(*)
Ordering code:
Motorized LUMIS/NERO FLEX System

High Quality SCOPE Anamorphic system(*)
Ordering code:
Motorized LUMIS/NERO SCOPE System

LUMIS Ceiling bracket
Ordering code: HT-1080LX

(*) SCOPE and FLEX systems include an integrated ceiling bracket for projector, lens and motorized sled. Please verify throw ratio and projector distance when ordering.

Due to constant product development, specifications are subject to change without notice.

Leaflet LUMIS 3D PF - USA - February 2014

CHOICE OF DIFFERENT LENS OPTIONS FOR FLEXIBILITY IN INSTALLATIONS

<table>
<thead>
<tr>
<th>Diagonal screen size</th>
<th>LENS T1 (1.37-1.66:1)</th>
<th>LENS T2 (1.82-2.48:1)</th>
<th>LENS T3 (2.6-3.9:1)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>min.</td>
<td>max.</td>
<td>min.</td>
</tr>
<tr>
<td>100&quot;</td>
<td>3.1 m / 10' 2&quot;</td>
<td>3.6 m / 11' 10&quot;</td>
<td>4.1 m / 13' 6&quot;</td>
</tr>
<tr>
<td>120&quot;</td>
<td>3.7 m / 12' 1&quot;</td>
<td>4.4 m / 14' 5&quot;</td>
<td>4.9 m / 16' 1&quot;</td>
</tr>
<tr>
<td>150&quot;</td>
<td>4.6 m / 15' 1&quot;</td>
<td>5.5 m / 18&quot;</td>
<td>6.1 m / 20&quot;</td>
</tr>
<tr>
<td>180&quot;</td>
<td>5.5 m / 18&quot;</td>
<td>6.5 m / 21' 4&quot;</td>
<td>7.3 m / 23' 11&quot;</td>
</tr>
<tr>
<td>200&quot;</td>
<td>6.1 m / 20&quot;</td>
<td>7.3 m / 23' 11&quot;</td>
<td>8.1 m / 26' 7&quot;</td>
</tr>
<tr>
<td>220&quot;</td>
<td>6.7 m / 22' 11&quot;</td>
<td>8.0 m / 26' 3&quot;</td>
<td>8.9 m / 29' 2&quot;</td>
</tr>
<tr>
<td>250&quot;</td>
<td>7.6 m / 24' 11&quot;</td>
<td>9.1 m / 29' 10&quot;</td>
<td>10.1 m / 33' 2&quot;</td>
</tr>
<tr>
<td>280&quot;</td>
<td>8.5 m / 27' 10&quot;</td>
<td>10.2 m / 33' 5&quot;</td>
<td>11.3 m / 37' 1&quot;</td>
</tr>
<tr>
<td>300&quot;</td>
<td>9.1 m / 29' 10&quot;</td>
<td>11.0 m / 36' 1&quot;</td>
<td>12.1 m / 39' 8&quot;</td>
</tr>
</tbody>
</table>

(16:9 aspect ratio)

Throw distance: It is recommended not to use the minimum or maximum projector throw ratios for your installation. Accurate positioning of the projector is better achieved by avoiding these two extremes. // Due to constant product development, the calculated projection distance and value may have a margin of error. Please check with your SIM2 representative prior to placing the order.

PROJECTOR'S DIMENSIONS - MEASURES = MM (INCHES)

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