

**FULL SPEC HD**

# D-ILA1080MF2 DIGITAL PROJECTOR



*D-ILA1080MF2 Digital Projector*



*Optional DVP1080MF processor – front & rear panels*



- Full spec 1080p High Definition**
- Compact, easily-mounted projector**
- Three D-ILA chips for smooth, flicker-free high-resolution images**
- Cinema-quality picture: no visible grid**
- Professional-standard greyscale reproduction**
- Cost-effective High Pressure Mercury Lamp**
- 'Optimized by William Phelps' for a dramatic improvement in display performance**
- Optional DVP1080MF Digital Video Processor**

Meridian's compact, powerful **D-ILA1080MF2** Digital Projector takes high performance theatre to a new level, with true 3-chip performance. The 1920x1080p D-ILA-based display delivers a native resolution equal to full bandwidth High Definition, allowing the beauty and drama of the original source to be reproduced with stunning accuracy.

Each projector is 'Optimized by William Phelps™' in our UK factory using software, techniques and procedures developed exclusively by video expert William Phelps, employing proprietary firmware and optical equipment to offer improved contrast ratio, excellent shadow detail and film-accurate colour.

The **D-ILA1080MF2** is available as a complete projector/processor package including the powerful **DVP1080MF Digital Video Processor** (above) to convert all analogue and digital high definition and standard definition sources to the native 1920x1080p resolution of the projector.

The processor incorporates the entire suite of Faroudja's patented technologies for colour reproduction, detail enhancement and motion tracking, ensuring that all sources produce film-like images full of depth and vibrant power.

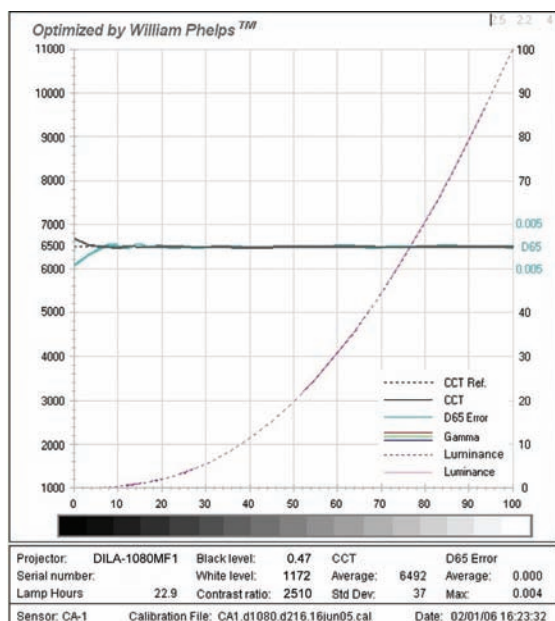
The processor/projector package offers a unique combination of power, performance and flexibility that makes the ideal heart of a Meridian/Faroudja 'higher definition' sound and vision system.



# D-ILA1080MF2 Digital Projector – Key Features

- D-ILA 3-chip 1920x1080 resolution display engine
- Separate Gamma curves for SD and HD sources
- 2100:1 contrast ratio
- Light output 500 lumens typical
- Very small pixel spacing (pixel aperture)
- High precision imaging Look-Up-Tables (LUT)
- 'Optimized by William Phelps' utilising proprietary software and optical equipment in our UK factory
- D65 colour balance calibrated to 128 levels of white
- D65 calibration error less than .003 from 0-100IRE
- Exact gamma curve based on light characteristics of human eyesight, film and the projector
- Improved contrast ratio with excellent shadow detail
- Superior White Field uniformity
- Excellent lens optics for corner-to-corner focus
- 1.3x zoom lens (1.8–2.35:1, manual zoom and focus)
- 250 watt, NSH bulb for accurate and stable output, replaceable without de-mounting the projector
- Optional DVP1080MF digital video processor converts all SD/HD sources to 1920x1080 DVI
- DVI input
- HDCP compatible

## Accurate D65 & Gamma tracking

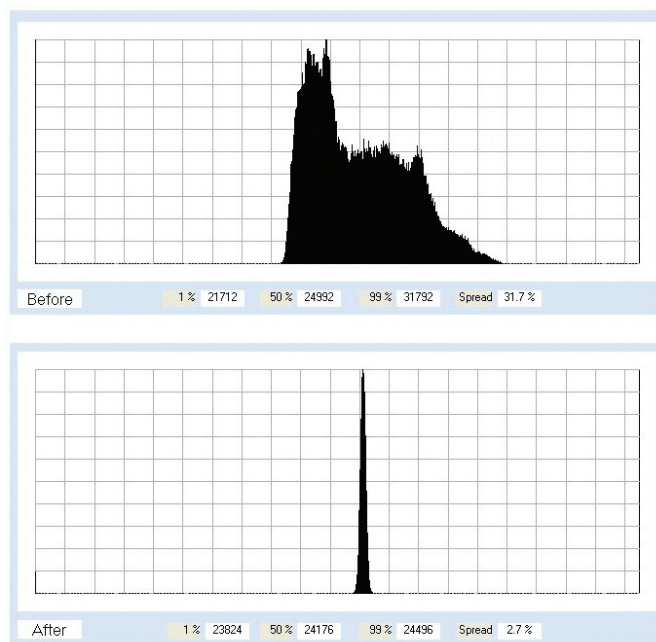


## Throw Length & Screen Size

Screen Size			Throw Distance			
Diagonal	Width		Wide		Tele	
in.	mm	ft.	m	ft.	m	ft.
40.5	897	2.94	1.600	5.24	2.093	6.86
82	1815	5.96	3.274	10.74	4.268	14.00
92	2037	6.68	3.677	12.06	4.792	15.72
100	2214	7.26	4.000	13.12	5.212	17.09
110	2435	7.99	4.403	14.44	5.736	18.81
123	2723	8.93	4.928	16.16	6.417	21.05
135	2989	9.81	5.412	17.75	7.046	23.11
150	3321	10.89	6.017	19.74	7.832	25.69
160	3542	11.62	6.420	21.06	8.357	27.41
165	3653	11.98	6.622	21.72	8.619	28.27
180	3985	13.07	7.227	23.71	9.405	30.85
192	4250	13.95	7.711	25.29	10.034	32.91
200	4428	14.53	8.034	26.35	10.453	34.29

## Excellent White Field Uniformity

Optimized by William Phelps™  
 SHADING UNIFORMITY  
 Projector: DILA1080 Serial #



## Outline Specifications

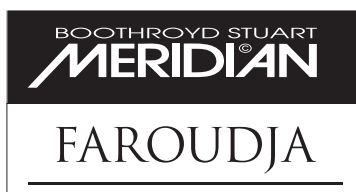
**Model:** Meridian Faroudja D-ILA1080MF2 Home Theatre Projector  
**Imaging Device:** 3-chip D-ILA® (0.82-inch diagonal)  
**Aspect Ratio:** 16:9  
**Screen size/Throw:** 40in to 200in (16:9)/1.6m to 10.5m (16:9)  
**Resolution:** 1920 x 1080 pixels (16:9) x 3 chips  
**Total resolution:** Approx. 6,220,000 pixels  
**Projection Lens:** 1.3x zoom lens (1.8:1 - 2.35:1, manual zoom/manual focus, 50% offset). Wide conversion lens attachment option  
**Light-source:** 250 W Ultra-high pressure mercury lamp [Part No. BHL5006-S]  
**Contrast Ratio:** 2100:1

**Colour Temperature:** D65/user selectable 1/user selectable 2  
**Gamma Control:** Normal, A, B, and Custom  
**I/O**  
**Video Input:** Digital x1 (HDCP compatible DVI-D)  
**Serial Control:** RS-232C x1  
**Environment**  
**Power Input:** 100V-240V AC, 50/60Hz  
**Rated Power:** 3.5 A (100 V AC) – 1.4 A (240V AC)  
**Dimensions:** (W x H x D) 11¾in x 5¼in 14-3/16in (298 x 134 x 360mm) without protrusions  
**Weight:** 13.66 lbs (6.2kg)

## Meridian Audio Limited

Latham Road,  
 Huntingdon, Cambridgeshire PE29 6YE  
 United Kingdom  
 Tel +44 (0) 1480 445678  
 Fax +44 (0) 1480 445686

**Web:** www.meridian-audio.com



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## Meridian America Inc

8055 Troon Circle, Suite C  
 Austell, GA 30168-7849  
 USA  
 Tel +1 (404) 344 7111  
 Fax +1 (404) 346 7111

**Email:** info@meridian-audio.com

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