

# VDC Display Systems

PROJECTING THE FUTURE

## MARQUEE<sup>®</sup> HD SSL6X50 SERIES



- No Consumable Lamps
- LED Illumination with Controllable Infrared
- High Color Stability
- Excellent Color Saturation
- Low Power Consumption
- Low Heat Generation
- No Orientation Limits
- Lightweight and Easy to Mount
- Long Production Life
- Shock, Vibration and Drip Tested to Military Standards/Specifications



**VDC Display Systems**

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# MARQUEE<sup>®</sup> HD SSL6X50 SERIES SPECIFICATIONS

		Marquee <sup>®</sup> HD SSL6000	Marquee <sup>®</sup> HD SSL6000 / 6200 Ultra
<b>Display</b>			
Technology	TI <sup>™</sup> DarkChip <sup>®</sup> DLP <sup>®</sup>		
Illumination Source	Solid State Luminus PhlatLight PT-120 LED		
Native Resolution	1920 x 1080p HD / 1920 x 1200 WUXGA		
Aspect Ratio	Native 16:9 / 16:10, 4:3, 5:4, Selectable Options		
Resolution Support	Custom Resolutions on Request		
Brightness	>600 ANSI Lumens (mid 2010)	SSL6000 ~500 ANSI Lumens / SSL6200 >600 ANSI Lumens (mid 2010)	
Brightness Uniformity	Full Field w/Ultra Short Lens >86%		
Contrast	Full On/Off >500,000:1, ANSI-100:1		
Gamma	CRT, Film, Video, Bright or Graphics		
Colors	16,777,216 Colors		
Color Gamut	Auto, REC709m SNOTEOcm EBI or Native		
Color Modes	32 Total (4 Temps x 4 Gamuts x 2 Modes)		
<b>Optics</b>			
Available Lenses	Fixed 0.73:1 Ultra Short Throw		
	0.9 to 1.1:1 (2010) SIM Zoom		
	1.56 to 1.86:1 Medium Throw Zoom		
	1.8 to 2.4:1 Long Throw Zoom		
Lens Adapter	0.8x and 1.25x Screw-in Adapter Lens		
Short Throw Lens w/0.8x	1.248 to 1.48:1 Short Throw		
Long Throw Lens w/1.25x	2.3 to 3.0:1 Ultra Long Throw		
MTF – Pixel On/Pixel Off, Native Resolution	Typically >50% (Lens Dependent)		
Lens Shift	Manual (Except for the Ultra Short Throw Lens Option)		
Image Offsets	Vertical: ±120% / Horizontal: ±30%		
<b>Connectivity</b>			
Video/Computer	2 X HDMI / Component 1 – RCA / Component 2 – BNC / S-Video / Composite		
Control and Command	RS232C, IR Remote with Optional Hard-wired Remote	RS232C, Ethernet (2010), IR Remote with Optional Hard-wired Remote	
<b>General</b>			
Standards/Specifications	RHoS, UL/cUL, CB, CE, FCC		
Acoustic Noise	28dB		
Size	Height 7.8" (199mm) / Width 17.5" (444mm) / Depth: 16.2" (413mm)	Height 8.875" (222.5mm) / Width 19.0" (482.6mm) / Depth: 18.875" (479.5mm)	
Power	<250W	<260W	
Weight	~30lbs (13.6kg)	~32lbs (14.5kg)	
Operating Range	Non-Operation: -20 to +70°C / Operating 0 to 40°C / Humidity <90% (Non-condensing)		
Calculated MTBF	>50,000 hours		
Warranty	2 Years (Extended Available)		
			<b>Enhanced Features</b>
			NVG Spectrum Ready / Dual Mode Blur Reduction/ Dimmable LEDs / Full LED On/Off
<b>Ruggedized Model Options Comply with the Following Military Specifications and Standards (MIL-S / MIL-STD)</b>			
MIL-S-091D, Grade B, Class 1, Type A / MIL-STD-167-1 / MIL-STD-461E / DoD-STD-1399, Method 506.4, Procedure III			

Contact VDC Display Systems for information on Additional Options & Accessories.  
Due to constant research, product specifications subject to change without notice.



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