

# digiLED STELLA M RENTAL



The digiLED STELLA M Range of LED modules; designed for superb performance and precise engineering for rental installations. Functional design matched to affordable prices for both indoor and outdoor applications, coupled with reliable electronics and CE certification, makes Stella a star performer in the most demanding scenarios.

# STELLA M RENTAL

## Indoor Rental MODULE SPECIFICATIONS



		STELLA M2840R	STELLA M3910R
<b>LEDS</b>			
Physical Pixel Pitch	mm	2.84	3.9062
LEDs Per Pixel		1R1G1B	
Red Wavelength (Dominant)	nm	620	
Green Wavelength (Dominant)	nm	520	
Blue Wavelength (Dominant)	nm	465	
<b>PIXELS</b>			
Pixel Configuration		SMD 3-in-1	
LED Face Colour		Black face	
Physical Pixel Resolution (Width)	pixels/module	176	128
Physical Pixel Resolution (Height)	pixels/module	176	128
Physical Pixels Per Area	pixels/m2	123,904	65,536
<b>MODULE</b>			
Standard Active Module Width	mm	500	500
Standard Active Module Height	mm	500	500
Standard Active Module Area	m2	0.25	0.25
Module Depth	mm	80	80
Module Weight	kg	9	9
LED Tile Width	mm	250	250
LED Tile Height	mm	250	250
Viewing Angle - Horizontal	degrees	>160	>160
Viewing Angle - Vertical	degrees	>160	>160
Ingress Protection	(Front)	IP31	IP31
Ingress Protection	(Back)	IP31	IP31
Surface Finish		Die-Cast Aluminium	
LED Fixings		Front or rear access	
Storage Temperature Range	degree C	-20 to +50	
Operating Temperature Range	degree C	-20 to +50	
Operating Humidity Range	%	10 to 90 Non-condensing	
<b>COLOUR</b>			
Greyscale Processing Depth	bits	16	
Number of Colours		281 trillion	
Refresh Rate	Hz	3,840	
<b>BRIGHTNESS</b>			
Brightness (After Calibration)	nits	>1,000	>1,200
Brightness Control		Auto/Manual	
Contrast ratio		1,000:1	
<b>POWER</b>			
Input Voltage	VAC	110~230	
Input Power (Average)	watts/m2	195	195
Input Power (Maximum)	watts/m2	650	650
<b>OTHER</b>			
Lifespan	hours	>100,000	
Computer System Type		PC Win7, Vista, XP, WIN2000	
Video Input		DVI, HDMI	
Connection Method		HSYV	
Connectors		USB and RJ45	
Control System		NovaStar	
Remote Diagnostics		Via software	
Certification		CE. UL	

All specifications are correct at time of print, however they are liable to change and should be confirmed at point of order



# STELLA M RENTAL

## Outdoor Rental MODULE SPECIFICATIONS



		STELLA M4810oR	STELLA M6250oR
<b>LEDS</b>			
Physical Pixel Pitch	mm	4.807	6.25
LEDs Per Pixel		1R1G1B	
Red Wavelength (Dominant)	nm	620	
Green Wavelength (Dominant)	nm	520	
Blue Wavelength (Dominant)	nm	465	
<b>PIXELS</b>			
Pixel Configuration		SMD 3-in-1	
LED Face Colour		White face	
Physical Pixel Resolution (Width)	pixels/module	104	80
Physical Pixel Resolution (Height)	pixels/module	104	80
Physical Pixels Per Area	pixels/m2	43,264	25,600
<b>MODULE</b>			
Standard Active Module Width	mm	500	
Standard Active Module Height	mm	500	
Standard Active Module Area	m2	0.25	
Module Depth	mm	80	
Module Weight	kg	9	
LED Tile Width	mm	250	
LED Tile Height	mm	250	
Viewing Angle - Horizontal	degrees	>140	
Viewing Angle - Vertical	degrees	>140	
Ingress Protection	(Front)	IP65	
Ingress Protection	(Back)	IP54	
Surface Finish		Die-Cast Aluminium	
LED Fixings		Front or rear access	
Storage Temperature Range	degree C	-20 to +50	
Operating Temperature Range	degree C	-30 to +60	
Operating Humidity Range	%	10 to 90 Non-condensing	
<b>COLOUR</b>			
Processing Depth colours	bits	16	
Number of Colours		281 trillion	
Refresh Rate	Hz	>3,840	
<b>BRIGHTNESS</b>			
Brightness (After Calibration)	nits	>5,500	
Brightness Control		Auto/Manual	
<b>POWER</b>			
Input Voltage	VAC	110~230	
Input Power (Average)	watts/m2	195	
Input Power (Maximum)	watts/m2	650	
<b>OTHER</b>			
Lifespan	hours	>100,000	
Computer System Type		PC Win7, Vista, XP, WIN2000	
Video Input		DVI, HDMI	
Connection Method		HSYV	
Connectors		USB and RJ45	
Control System		NovaStar	
Remote Diagnostics		Via software	
Certification		CE,UL	

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# STELLA M RENTAL

## MODULE INFORMATION

### All you need for superb performance

- **Accurate engineering.**  
precision engineered for fast, fuss-free rig/derigging
- **Real-time monitoring module to module with warning status.**  
On-board real-time feedback system monitoring of vital components and status
- **Intelligent colour and brightness calibration allowing swapping of modules for continued uniformity and performance.**  
On-board CPU records colour and brightness calibration data with working times and dates so that it can be transferred to any replacement units
- **digiLED superior components as standard.**

