

## VAL-GEN-II-DIP

SPECIFICATION – DIP TYPE			
<b>Pixel Pitch</b>	10 mm	13.3mm	16 mm
<b>LED Package Type</b>	DIP	DIP	DIP
<b>Pixels Per Sq. m (Density)</b>	10,000	5,652	3,906
<b>Module Dimensions</b>	12.6"x12.6" (320mm x 320mm)	12.6"x12.6" (320mm x 320mm)	12.6"x12.6" (320mm x 320mm)
<b>Module Matrix</b>	32x32	24x24	20x20
<b>Module Weight</b>	4.5 LB (2 KG)	4.5 LB (2 KG)	4.5 LB (2 KG)
<b>Driving Method</b>	1/4 constant current	1/2 constant current	Static
<b>Refresh Rate</b>	≥3,840 Hz	≥3,840 Hz	≥3,840 Hz
<b>Video Frame Rate</b>	60 frames/second	60 frames/second	60 frames/second
<b>Grayscale</b>	65,536 (281 trillion colors)	65,536 (281 trillion colors)	65,536 (281 trillion colors)
<b>Color Depth</b>	16 bit	16 bit	16 bit
<b>Brightness (NITS)</b>	≥10,000	≥10,000	≥10,000
<b>Brightness Control</b>	256 levels	256 levels	256 levels
<b>Ideal Viewing Range</b>	28' or greater	42' or greater	52' or greater
<b>Ideal Viewing Angle</b>	120°(H) / 60°(V)	120°(H) / 60°(V)	120°(H) / 60°(V)
<b>Max. Power Consumption</b>	35W/ft <sup>2</sup> (380W/m <sup>2</sup> )	35W/ft <sup>2</sup> (380W/m <sup>2</sup> )	35W/ft <sup>2</sup> (380W/m <sup>2</sup> )
<b>Avg. Power consumption</b>	11W/ft <sup>2</sup> (120W/m <sup>2</sup> )	11W/ft <sup>2</sup> (120W/m <sup>2</sup> )	11W/ft <sup>2</sup> (120W/m <sup>2</sup> )
<b>Input Voltage</b>	88 ~ 264VAC	88 ~ 264VAC	88 ~ 264VAC
<b>Ingress Protection</b>	IP65	IP675	IP65
<b>Operating Temperature</b>	-40 °F - +140°F (-40 °C - +60 °C)	-40 °F - +140°F (-40 °C - +60 °C)	-40 °F - +140°F (-40 °C - +60 °C)
<b>MTBF</b>	>5,000 hours	>5,000 hours	>5,000 hours
<b>LED Life - Span</b>	100,000 hours	100,000 hours	100,000 hours
<b>Cabinet Size</b>	Customized	Customized	Customized
<b>Cabinet Material</b>	Aluminum	Aluminum	Aluminum
<b>Cabinet Weight</b>	9 LB/ft <sup>2</sup> (45 KG/m <sup>2</sup> )	9 LB/ft <sup>2</sup> (45 KG/m <sup>2</sup> )	9 LB/ft <sup>2</sup> (45 KG/m <sup>2</sup> )