



Outdoor P-22 Discrete Module Specifications

<i>Diodes</i>	
Pixel Pitch	22mm
Pixel Design	4mm Discrete 1R-1G-1B
Resolution Enhancement	No
Manufacturer	Nichia / Cree / Optec-Sansi High Brightness
Viewing Angle (Horizontal)	140 ⁰
Viewing Angle (Vertical)	70 ⁰
<i>LED Modules</i>	
Module Height	352mm
Module Width	176mm
Pixel Resolution (H x W)	16 x 8
Mounting	Rear Mechanical / Front Quick Release
DC Power	Quick Connect Plug
Safety Loop Protection	Yes
Removable Mask	Yes
<i>Cabinet Modules</i>	
Cabinet Height	704mm (27.72")
Cabinet Width	704mm (27.72")
Pixel Resolution (H x W)	32 x 32
Panel Weight	71 lbs.
Power Consumption (Max.)	380w / Module
Power Consumption (Avg.)	152w / Module
Service Access	Front or Rear
Construction	Aluminum / Black Powder Coated
Ingress Rating (Front / Rear)	IP65 / IP54 or IP65 / IP65
<i>LED Display</i>	
Video Input (*Video Processor Required)	DVI, (*SD/SDI, HDS DI, HDMI, VGA, Composite)
Color Capability	281 Trillion
Color Depth	16 Bit
Color Temperature	3,500K - 9,500K Adjustable
Contrast Ratio	1,000:1
Data Processing Depth	16 Bit
Video Frame Rate	50-60 FPS
Display Refresh Rate	Up to 1,000Hz
Brightness Level Adjustment	0-100
Brightness Value	7,000 NITs
Data Redundancy Available	Yes
Color / Brightness Calibration	Yes / Cabinet, Module and Pixel Level
Compliance	ETL / UL48
Operating Temperature	-4 ⁰ F to +122 ⁰ F

Custom configurations available. Specifications subject to change without notice.