**Product** **Specifications**

**Zirconium Series**

**P3.1 Budget Fixed Installation Display**

![A picture containing building, sitting, light, dark

Description automatically generated]()**![A picture containing indoor, computer, sitting, cabinet

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**A picture containing indoor, sitting, mirror, small

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**Overview**

Vanguard’s Zirconium Series is the perfect combination of price point and resolution for today’s competitive DVLED market. A larger cabinet allows for less overall parts and pieces needed to achieve large visual environments. For wall mount applications this cabinet can be fully front serviced eliminating the need for costly rear accessible mounts. Available in P3.1, P3.9 and P4.8 Zirconium allows for excellent visual solutions at affordable price points.

**Additional Features**

* Fully front serviceable or rear serviceable.
* Wall mountable.
* Large but lightweight cabinets, only 33lbs per cabinet
* Extremely cost competitive.
* Extra slim cabinet, only 2.8” deep.

**Specifications**

Zirconium Indoor P3.1

ENVIRONMENTAL

Operating Temperature -10°C to +50°C

Storage Temperature -20°C to +60°C

Operating Humidity 20% to 90% RH

LED

Pixel Density 102,400/m²

LED Type SMD1R1G1B

Modules Per Cabinet 6

Lifetime to Half Brightness (L50) 100,000

Contrast Ratio 2,000:1

Brightness 800 Nits

Viewing Angle 160° x 160°

CABINET

Cabinet Material Iron

Cabinet Size 19.69” x 29.53” x 2.8”

Cabinet Resolution 160 x 240

Modules Per Cabinet 6

Cabinet Weight 33 lbs.

Service Access Front or Rear

IP Rating IP30

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INTERNAL OPERATION

Gray Scale 12/14/16bit

Refresh Rate 1920-3840Hz

Frame Frequency 60Hz

AC POWER

Source Voltage 100-240V, 50/60Hz

Max Power Consumption 202W

Avg. Power Consumption 101W