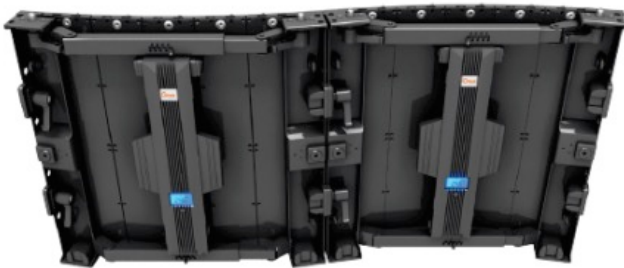


# Product Specifications



## CESIUM SERIES

Indoor P2.9 flexible LED display



### Overview

Vanguard's flex indoor Cesium Series cabinet is available in P2.9. This cabinet can be configured flat, or at an angle up to +/- 22.5°. At the maximum curvature setting, it takes **(15)** cabinets to achieve a complete circle with an 8' diameter. Ultra-thin and ultra-light, Cesium also contains one-key fast assembly / disassembly. This product is suitable for simulation structures for military, maritime, and aviation applications.

### Additional Features

- Lightweight Carbon Fiber frame of only 14.3 lbs.
- Can be used as a traditional flat cabinet or can be curved in a concave or convex manner simultaneously in one cabinet!
- Low Power Consumption
- 14-bit gray scale
- Flicker free for broadcast applications
- Superb color & brightness uniformity
- Refresh rates up to 3840Hz
- Contrast Ratio: 3000:1.

# Specifications

## Cesium Indoor P2.9 Flexible

### LED

<u>Pixel Density</u>	<u>112,896/m<sup>2</sup></u>
<u>LED Type</u>	<u>SMD1R1G1B</u>
<u>Modules Per Cabinet</u>	<u>4</u>
<u>Lifetime to Half Brightness (L50)</u>	<u>100,000</u>
<u>Contrast Ratio</u>	<u>3,000:1</u>
<u>Brightness</u>	<u>1000 Nits</u>
<u>Viewing Angle</u>	<u>140° x 140°</u>

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### CABINET

<u>Cabinet Material</u>	<u>Carbon Fiber</u>
<u>Cabinet Size</u>	<u>19.69" x 19.69" x 2.76"</u>
<u>Cabinet Resolution</u>	<u>168 x 168</u>
<u>Modules Per Cabinet</u>	<u>5</u>
<u>Cabinet Weight</u>	<u>14.3 lbs.</u>
<u>Service Access</u>	<u>Front or Rear</u>
<u>IP Rating</u>	<u>IP30</u>

### INTERNAL OPERATION

<u>Gray Scale</u>	<u>14bit</u>
<u>Refresh Rate</u>	<u>&gt;3840Hz</u>
<u>Frame Frequency</u>	<u>60Hz</u>

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### AC POWER

<u>Source Voltage</u>	<u>100-240V, 50/60Hz</u>
<u>Max Power Consumption</u>	<u>160W</u>
<u>Avg. Power Consumption</u>	<u>80W</u>

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### ENVIRONMENTAL

<u>Operating Temperature</u>	<u>-10°C to +50°C</u>
<u>Storage Temperature</u>	<u>-20°C to +60°C</u>
<u>Operating Humidity</u>	<u>20% to 90% RH</u>

# Product Specification

