



Features

- Nationstar Encapsulation
- Seamless Splicing
- Anti-Reflection Mask
- Magnetic Front Service
- Front/Rear Access
- Noiseless Operation
- 3 Years Standard Warranty (extendable up to 5 years)

The Orion P1.5 Indoor Rigel Series is engineered for superior indoor display performance, especially in environments with strong ambient lighting. Its specialized mask design effectively reduces light reflection, ensuring clear and vivid visuals. Equipped with black 3-in-1 COB LEDs, the display delivers a wide viewing angle. Components such as Nationstar LED chips and encapsulation, a 4-layer PCB, and the ICN2153 driver IC ensure stable performance and long-lasting visual excellence. The modular cabinet design allows for flexible sizing, making custom configurations easy to implement. Built with advanced surface mount technology, the system ensures precise paste application, automatically rejecting any defects to maintain high production yield.

Technical Specification

S.NO.	Product Parameter	P1.56
1	LED Type	COB
2	Pixel Pitch(mm)	1.5625
3	Pixel Density (pixels/ m ²)	409,600
4	Cabinet Dimension(mm)	600 x 337.5
5	Cabinet Resolution(dot)(WXM)	384x216
6	Module Dimension(mm)	150 x 168.75
7	Module Resolution(dot)(WXM)	96x108
8	Module quantity(WXM)	4x2
9	Cabinet material	Die-casting Aluminum
10	Viewing Angle	H 170° , V 170°
11	Brightness	≥600 m ²
12	Color uniformity	≥90%
13	Contrast Ratio	10000:1
14	Color Temperature	5000-12000 Optional
15	Frame-changing Frequently	50/60
16	Drive Method	1/48

17	Connection Technology	Common Anode
18	Refresh rate	≥3840HZ
19	Max. Power Consumption (w/m ²)	420
20	Avg. Power Consumption (w/m ²)	150
21	Service Access	TOTAL FRONT ACCESS
22	IP Grade	IP31
23	Operating Temp/Humidity	0°C ~ 50°C, 10 ~ 90%RH
24	Storage Temp/Humidity	0°C ~ 60°C, 10 ~ 90%RH
25	Weight/Cabinet(KGS)	≤4.5KGS
26	System Controller	Novastar

Specifications and product information are subject to change without prior notice due to ongoing innovation and development. For the most up-to-date details, please visit www.orion-led.com.

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