



Features

- Anti-Reflection Mask
- Black 3-in-1 SMD
- High Contrast Display
- Magnetic Front Service
- Front/Rear Access
- Heat-Treated PCBs
- 3 Years Standard Warranty (extendable up to 5 years)

The Orion P0.9 Indoor Rigel Series is a high-precision indoor LED display solution, designed to perform flawlessly in environments with strong ambient lighting. It features a special mask design that prevents light reflection, ensuring clear visuals in bright indoor settings. The display uses black 3-in-1 SMD LEDs, offering wide viewing angles and high-contrast images for an immersive visual experience. It offers both front and rear access for maintenance—front access is enabled through a magnetic service option. Premium PCBA materials are used, with each PCB heat-treated for at least 24 hours prior to COB LED mounting for enhanced reliability. The system also includes high-quality color-coded cables and a built-in fuse in each cabinet to ensure safe and reliable operation during installation and servicing.

Technical Specification

S.NO.	Product Parameter	P0.9
1	LED Type	COB
2	Pixel Pitch(mm)	0.9375
3	Pixel Density (pixels/ m ²)	1,137,778
4	Cabinet Dimension(mm)	600 x 337.5
5	Cabinet Resolution(dot)(WXM)	640 x 360
6	Module Dimension(mm)	150 x 168.75
7	Module Resolution(dot)(WXM)	160X180
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	1/60

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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