



Features

- IP65 protection
- High brightness
- Adjustable lock
- Louver design
- Precision cabinet
- Wide viewing
- 2 Years Standard Warranty (extendable up to 3 years)

The Orion P3 Outdoor Bellatrix Series is engineered for robust performance and superior visual quality in challenging outdoor environments. Its die-cast aluminium cabinet is designed with an adjustable lock for precision alignment below 0.1mm, ensuring seamless integration. Its IP65-rated protection, combined with a special louver design, enhances visibility in direct sunlight without compromising viewing angles. Built using heat-treated PCBs and top-grade PCBA materials, and supported by reliable Rong power supplies and Nova controllers, the P3 series delivers consistent, stable performance across various deployment scenarios.

Technical Specification

S.NO.	Product Parameter	SMD P3
1	Pixel Pitch in mm	3
2	Pixel Density in sqm	111000
3	Module Size in mm	192x192
4	Cabinet Size in mm	768x768
5	Cabinet Weight in KG	16
6	Viewing Angle in H/V	120/120
7	Brightness in cd/sqm	4,000
8	Color Depth	12 bit
9	Refresh Rate in Hz	≥1920
10	Voltage	220v
11	Avg. Power Consumption (W)	250
12	Max Power Consumption (W)	450
13	Service Excess	Rear
14	IP Grade Front/Rear	65/54
15	Operating Temperature (-/+)	-10°C~+65°C
16	Operating Humidity	0-99%
17	Life Time in hrs	50,000
18	MTBF in hrs	5,000

S.No.	Component Parameter	SMD P3
1	LED Chip	Atenti SMD
2	PCB	2 layer
3	Driver IC	ICN/SM/DP
4	Power Supply	Rong
5	Controller	Nova
6	Cabinet Material	Die- Cast

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.

ATENTI ORIGINS

ATENTI ORIGINS PHOTOELECTRICITY CONSORT PVT.LTD.

Reg. Office: 504, 5th Floor ABW Elegance Tower, Jasola District Centre, Jasola, New Delhi - 110025

Branch Offices: Lucknow, Mumbai, Hyderabad

Factory : B-10, Sector-88, Noida - 201301



sales@orion-led.com



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@OrionLedDisplay



@orion_led_



@OrionLED

